Всички цитати

- **Звено: (ИОХЦФ) Институт по органична химия с център по фитохимия**
- **Секция**: (ИОХЦФ) ОРГАНИЧЕН СИНТЕЗ И СТЕРЕОХИМИЯ
- **Име**: (ИОХЦФ/0018) Добриков, Георги Милчев
- **Година**: 2001 ÷ април 2023
- **Тип записи**: Всички записи

<u>Забележка:</u> Съгласно изискванията на ПРАВИЛНИКА За условията и реда за придобиване на научни степени и за заемане на академични длъжности в Института по органична химия с Център по фитохимия, БАН, са изключени са всички цитати, използвани за конкурса по придобиване на ОНС „доктор“! Изключените цитати са отбелязани!

Брой цитирани публикации: 28	Брой цитиращи източници: 303 (изключени са 11 цитата, използвани за придобиване на ОНС „доктор“)

2001

1. **Dimitrov, V.**, **Dobrikov, G.**, Genov, M. Chiral β- and γ-aminoalcohols derived from (+)-camphor and (-)-fenchone as catalysts for the enantioselective addition of diethylzinc to benzaldehyde. Tetrahedron Asymmetry, 12, 9, Elsevier, 2001, ISSN:09574166, DOI:10.1016/S0957-4166(01)00221-X, 1323-1329. SJR:0.669, ISI IF:1.954

<u>Цитира се в:</u>

изключен	**1.** Priego, J., Mancheño, O.G., Cabrera, S., Carretero, J.C., 2-Amino-substituted 1-sulfinylferrocenes as chiral ligands in the addition of diethylzinc to aromatic aldehydes, Journal of Organic Chemistry, 2002, Volume 67, Pages 1346-1353, **@2002** Линк	**1.000**
изключен	**2.** Squire, M.D., Burwell, A., Ferrence, G.M., Hitchcock, S.R., Enantiomerically enriched vic-amino alcohols from 2-iminobornanes, Tetrahedron Asymmetry, 2002, Volume 13, Pages 1849-1854, **@2002** Линк	**1.000**
изключен	**3.** De la Moya Cerero, S., Martínez, A.G., Vilar, E.T., Fraile, A.G., Maroto, B.L., C(10)-substituted camphors and fenchones by electrophilic treatment of 2-methylenenorbornan-1-ols: Enantiospecificity, scope, and limitations, Journal of Organic Chemistry, 2003, Volume 68, Pages 1451-1458, **@2003** Линк	**1.000**
изключен	**4.** Gardiner, J.M., Crewe, P.D., Smith, G.E., Veal, K.T., Pritchard, R.G., Warren, J.E., Synthesis, stereostructure, and conformations of novel Bi- and trifunctional (+)-isomenthone derivatives, Organic Letters, 2003, Volume 5, Pages 467-470, **@2003** Линк	**1.000**
изключен	**5.** De Oliveira, L.F., Costa, V.E.U., An efficient synthesis of enantiopure (+)- and (-)-syn-1, 3-amino alcohols with a norbornane framework and their application in the asymmetric addition of ZnEt2 to benzaldehyde, Tetrahedron Asymmetry, 2004, Volume 15, Pages 2583-2590, **@2004** Линк	**1.000**
изключен	**6.** El Sheikh, S., Schmalz, H.-G., Halogen-lithium exchange reactions under in situ-quench conditions: A powerful concept for organic synthesis, Current Opinion in Drug Discovery and Development, 2004, Volume 7, Pages 882-895, **@2004**	**1.000**
изключен	**7.** Kaliappan, K.P., Das, P., Kumar, N., Design and synthesis of novel oxa-bridged isoxazolidines and 1, 3-aminoalcohols, Tetrahedron Letters, 2005, Volume 46, Pages 3037-3040, **@2005** Линк	**1.000**
	8. Knipe, A. C., Edited by: Knipe, A.C., Organic reaction mechanisms 2001: An annual survey covering the literature dated January to December 2001, Book Series: Organic Reaction Mechanisms, Volume: 37, Pages: 291-328, **@2005**	**1.000**
	9. Kop-Weiershausen, T., Lex, J., Neudörfl, J.-M., Goldfuss, B., An exceptional P-H phosphonite: Biphenyl-2, 2'-bisfenchylchlorophosphite and derived ligands (BIFOPs) in enantioselective copper-catalyzed 1, 4-additions, Beilstein Journal of Organic Chemistry, 2005, Volume 1, Article number 6, **@2005** Линк	**1.000**
	10. Murray, B.A., Edited by: Knipe, A.C., Organic reaction mechanisms 2001: An annual survey covering the literature dated January to December 2001, Book Series: Organic Reaction Mechanisms, Volume 37, Pages 1-41, **@2005**	**1.000**
	11. Rossi, L., Feroci, M., Inesi, A., The electrogenerated cyanomethyl anion in organic synthesis, Mini-Reviews in Organic Chemistry, 2005, Volume 2, Pages 79-90, **@2005** Линк	**1.000**
	12. Rossi, L., Feroci, M., Verdecchia, M., Inesi, A., Electrogenerated cyanomethyl anion in organic synthesis. Synthesis of 1, 3-oxazolidine-2, 4-diones, Letters in Organic Chemistry, 2005, Volume 2, Pages 731-733, **@2005** Линк	**1.000**
изключен	**13.** Soki, F., Neudörfl, J.M., Goldfuss, B., Surprising fenchone induced cyclization: Synthesis of the new chiral diol biphenyl-2, 2'-sulfone-3, 3'-bisfenchol (BISFOL), Tetrahedron, 2005, Volume 61, Pages 10449-10453, **@2005** Линк	**1.000**

	14. Zhou, Zh., Luo, D., Progress of Ligands in Asymmetric Catalytic Alkylation, Guangzhou Chemistry, 2005, Volume 30, Pages 55-61, **@2005**	**1.000**
	15. Fang, T., Xu, J., Du, D.-M., Facile synthesis of C3-symmetric tripodal β-hydroxy amide ligands and their ti (IV) complex-catalyzed asymmetric addition of diethylzinc to aldehydes, Letters in Organic Chemistry, 2006, Volume 3, Pages 780-786, **@2006** Линк	**1.000**
изключен	**16.** Lange, D.A., Neudörfl, J.-M., Goldfuss, B., New chiral lithium aluminum hydrides based on biphenyl-2, 2'-bisfenchol (BIFOL): Structural analyses and enantioselective reductions of aryl alkyl ketones, Tetrahedron, 2006, Volume 62, Pages 3704-3709, **@2006** Линк	**1.000**
	17. Martins, J.E.D., Mehlecke, C.M., Gamba, M., Costa, V.E.U., Synthesis of chiral norbornane derivatives as γ-amino alcohol catalysts: the effect of the functional group positions on the chirality transfer, Tetrahedron Asymmetry, 2006, Volume 17, Pages 1817-1823, **@2006** Линк	**1.000**
изключен	**18.** Roudeau, R., Gomez Pardo, D., Cossy, J., Enantioselective diethylzinc addition to aromatic and aliphatic aldehydes using (3R, 5R)-dihydroxypiperidine derivatives catalyst, Tetrahedron, 2006, Volume 62, Pages 2388-2394, **@2006** Линк	**1.000**
изключен	**19.** Szakonyi, Z., Balázs, Á., Martinek, T.A., Fülöp, F., Enantioselective addition of diethylzinc to aldehydes catalyzed by γ-amino alcohols derived from (+)- and (-)-α-pinene, Tetrahedron Asymmetry, 2006, Volume 17, Pages 199-204, **@2006** Линк	**1.000**
	20. Çakir, E., Ph.D. thesis, Synthesis of Novel Chiral N, N-Dialkyl Substituted 1, 4-Amino Alcohols and Applications in Asymmetric Transformation Reactions, Middle East Technical University, Turkey, 2007, cit. 75, **@2007** Линк	**1.000**
	21. Erdem, M., Ph.D. thesis, Asymmetric Synthesis of Norbornene Based 1, 4-Amino Alcohol Derivatives and Applications in Asymmetric Diethylzinc Reactions, Middle East Technical University, Turkey, 2007, cit. 40, **@2007** Линк	**1.000**
	22. Negru, M., Ph.D. thesis, Imine von Formyl-[2.2]paracyclophanen und ihre Anwendung in der enantioselektiven Katalyse, Johannes Gutenberg-Universität, Mainz, Germany, 2007, cit. 127c, **@2007** Линк	**1.000**
	23. Satoh, T., Endo, J., Ota, H., Chyouma, T., A synthesis, including asymmetric synthesis, of α-quaternary α-amino aldehydes from ketones and chloromethyl p-tolyl sulfoxide via sulfinylaziridines, Tetrahedron, 2007, Volume 63, Pages 4806-4813, **@2007** Линк	**1.000**
	24. Watt, D., Golinski, M., Jung, Y.-H., Tae, J., Lithioacetonitrile. In: e-EROS Encyclopedia of Reagents for Organic Synthesis, 2007, **@2007** Линк	**1.000**
	25. Obijalska, E., Mlostoń, G., Linden, A., Heimgartner, H., Trifluoromethylation of camphorquinone and its monoimine derivatives, Tetrahedron Asymmetry, 2008, Volume 19, Pages 1676-1683, **@2008** Линк	**1.000**
	26. Soki, F., Neudörfl, J.-M., Goldfuss, B., Homo- vs. heterometallic organoaluminum fencholates: Structures and selectivities, Journal of Organometallic Chemistry, 2008, Volume 693, Pages 2139-2146, **@2008** Линк	**1.000**
	27. Touati, R., Ben Hassine, B., Efficient synthesis of chiral 1, 3-diols and of 1-substituted-propan-1-ols through asymmetric hydrogenation, Journal de la Société Chimique de Tunisie, 2008, Volume 10, Pages 127-139, **@2008** Линк	**1.000**
	28. Balázs, A., PhD thesis, Structural diversity-driven synthesis of cycloalkane-based heterocycles and 1, 3-bifunctional compounds, Institute of Pharmaceutical Chemistry University of Szeged, 2010, cit. 27, **@2010** Линк	**1.000**
	29. Cardoso, P.M.L., PhD thesis, Síntese de Derivados de Aminoácidos: Ligandos Quirais Para Catálise Enantiosselectiva, Universidade de Coimbra, 2010, cit. 31, **@2010** Линк	**1.000**
	30. Leven, M., Schlörer, N.E., Neudörfl, J.M., Goldfuss, B., Control of enantioselectivity with flexible biaryl axes: Terpene-based alkylzinc catalysts in enantioselective dialkylzinc additions, Chemistry - A European Journal, 2010, Volume 16, Pages 13443-13449, **@2010** Линк	**1.000**
	31. Patil, M.N., Gonnade, R.G., Joshi, N.N., Synthesis, resolution, and applications of 3-amino-2, 2-dimethyl-1, 3-diphenylpropan-1-ol, a conformationally restricted 1, 3-aminoalcohol, 2010, Tetrahedron, Volume 66, Pages 5036-5041, **@2010** Линк	**1.000**
	32. Patil, M.N., PhD thesis, Synthesis, resolution and application of 3-Amino-2, 2-Dimethyl-1, 3-Diphenylpropan-1-ol, a novel conformationally restricted 1, 3-aminoalcohols. CSIR-National Chemical Laboratory, Pune, India, 2010, cit 4h, **@2010**	**1.000**
	33. Gliga, A., Klare, H., Schumacher, M., Soki, F., Neudörfl, J.M., Goldfuss, B., New umpolung catalysts: Reactivity and selectivity of terpenol-based lithium phosphonates in enantioselective benzoin-type couplings, European Journal of Organic Chemistry, 2011, Pages 256-263, **@2011** Линк	**1.000**
	34. Liu, C.-L., Wei, C.-Y., Wang, S.-W., Peng, Y.-G., A systematic study of chiral homoprolinols and their derivatives in the catalysis of enantioselective addition of diethylzinc to aldehydes, Chirality, 2011, Volume 23, Pages 921-928, **@2011** Линк	**1.000**
	35. Ajani, Olayinka Oyewale, PhD thesis, Synthesis of New N, N-Disubstituted Aryl-and Alkylaryl Sulphonamides and their Antimicrobial Properties, The Department of Chemistry, School of Natural and Applied Sciences, College of Science & Technology, Covenant University, Ota, Nigeria, 2012, **@2012** Линк	**1.000**
	36. Wu, P.-S., Chen, C., Synthesis of chiral pyridylphenols for the enantioselective addition of diethylzinc to aldehydes, Journal of the Chinese Chemical Society, 2012, Volume 59, Pages 768-781, **@2012** Линк	**1.000**

37. Bica, K., Leder, S., Mereiter, K., Gaertner, P., Design, synthesis, and application of novel chiral ONN ligands for asymmetric alkylation, Monatshefte fur Chemie, 2013, Volume 144, Pages 447-453, **@2013** Линк **1.000**

38. Thérien, M.-E., Guilbault, A.-A., Legault, C.Y., New chiral iodooxazoline catalysts for the I(III)-mediated α-tosyloxylation of ketones: Refining the stereoinduction model, Tetrahedron Asymmetry, 2013, Volume 24, Pages 1193-1197, **@2013** Линк **1.000**

39. Vega-Peñaloza, A., Sánchez-Antonio, O., Escudero-Casao, M., Tasnádi, G., Fülöp, F., Juaristi, E., Stereoselective Synthesis of Chiral Pyrrolidine Derivatives of (+)-α-Pinene Containing a β-Amino Acid Moiety, Synthesis, 2013, Volume 45, Pages 2458-2468, **@2013** Линк **1.000**

40. e-EROS Encyclopedia of Reagents for Organic Synthesis, Lithioacetonitrile, 2014, Wiley, Online ISBN: 9780470842898, DOI: 10.1002/047084289X, **@2014** Линк **1.000**

41. El Alami, M.S.I., El Amrani, M.A., Agbossou-Niedercorn, F., Suisse, I., Mortreux, A., Chiral ligands derived from monoterpenes: Application in the synthesis of optically pure secondary alcohols via asymmetric catalysis, Chemistry - A European Journal, 2015, Volume 21, Pages 1398-1413, **@2015** Линк **1.000**

42. Marques, F.A., Wosch, C.L., Frensch, G., Labes, R., Maia, B.H.L.N.S., Salomé, K.S., Barisona, A., Guerrero, P.G., Jr., Stereoselective addition of diethylzinc to aldehydes using chiral β-hydroxy-2-oxazolines as catalysts, 2015, Journal of the Brazilian Chemical Society Volume 26, Pages 165-170, **@2015** Линк **1.000**

43. Temudo Neves, C.T., Síntese de ligandos tiazolidínicos para catálise enantiosseletiva, PhD Thesis, Universidade de Coimbra, Portugal, 2016, cit. 20., **@2016** Линк **1.000**

44. Bamou, F.Z., Le, T.M., Volford, B., Szekeres, A., Szakonyi, Z., Synthesis and Application of 1, 2-Aminoalcohols with Neoisopulegol-Based Octahydrobenzofuran Core, Molecules, 2020, Volume 25, art. no. 21, **@2020** Линк **1.000**

45. Mahdy, A-H.S., Zayed, S.E., Abo-Bakr, A.M., Hassan, E.A., Camphor: Synthesis, reactions and uses as a potential moiety in the development of complexes and organocatalysts, Tetrahedron, 2022, Volume 121, art. no. 132913, **@2022** Линк **1.000**

2004

2. **Bakalova, S.M.**, Santos, A. G., Timcheva, I., **Kaneti, J.**, **Filipova, I.L.**, **Dobrikov, G.M.**, **Dimitrov, V**. Electronic absorption and emission spectra and computational studies of some 2-aryl, 2-styryl, and 2-(4'-aryl)butadienyl quinazolin-4-one. Journal of Molecular Structure: THEOCHEM, 710, 1-3, Elsevier, 2004, ISSN:01661280, DOI:10.1016/j.theochem.2004.07.037, 229-234. SJR:0.443, ISI IF:1.36

Цитира се в:

46. Etaiw, S. El-D.H., Fayed, T.A., Saleh, N.Z.; Photophysics of benzazole derived push–pull butadienes: A highly sensitive fluorescence probes, Journal of Photochemistry and Photobiology A: Chemistry, 2006, Volume 177, Pages 238–247, **@2006** Линк **1.000**

47. Panicker, C.Y., Ambujakshan, K.R., Varghese, H.T., Mathew, S., Ganguli, S., Nanda, A.K., Alsenoy, C.V., FT-IR, FT-Raman and DFT calculations of 3-{[(4-fluorophenyl)methylene] amino}-2-phenylquinazolin-4(3H)-one, Journal of Raman Spectroscopy, 2009, Volume 40, Pages 527-536, **@2009** Линк **1.000**

48. Panicker, C.Y., Varghese, H.T., Thansani, T., Spectroscopic studies and Hartree-Fock ab initio calculations of a substituted amide of pyrazine-2-carboxylic acid - C16H18ClN3O, Turkish Journal of Chemistry, 2009, Volume 33, Pages 633-646, **@2009** Линк **1.000**

49. Panicker, Y.C., Varghese, H.T., Ambujakshan, K.R., Mathew, S., Ganguli, S., Nanda, A.K., van Alsenoy, C., FT-IR and FT-Raman spectra and ab initio calculations of 3-{[(2-hydroxyphenyl)methylene]amino}-2-phenylquinazolin-4(3H)-one, Journal of Raman Spectroscopy, 2009, Volume 40, Pages 1262-1273, **@2009** Линк **1.000**

50. Panicker, C.Y., Varghese, H.T., Ambujakshan, K.R., Mathew, S., Ganguli, S., Nanda, A.K., Van Alsenoy, C., Mary, Y.S., Vibrational spectra and computational study of 3-amino-2-phenyl quinazolin-4(3H)-one, Journal of Molecular Structure, 2010, Volume 963, Pages 137-144, **@2010** Линк **1.000**

51. Turgunov, K., Shomurotova, S., Mukhamedov, N., Tashkhodjaev, B., Acta Crystallographica Section E: Structure Reports Online, 2010, Volume 66, Page m1680 (8 pages), **@2010** Линк **1.000**

52. Lipunova, G.N., Nosova, E.V., Trashakhova, T.V., Charushin, V.N., Azinylarylethenes: Synthesis and photophysical and photochemical properties, Russian Chemical Reviews, 2011, Volume 80, Pages 1115-1133, **@2011** Линк **1.000**

53. Naskar, S., Naskar, S., Blake, A.J., Tadesse, H., Chattopadhyay, S.K., Synthesis, X-Ray crystal structure and spectroscopic properties of 1, 2, 3, 4-tetrahydro-2-(thenyl)-3-(N-thenylidine)-4-oxoquinazoline, Journal of Chemical Crystallography, 2011, Volume 41, Pages 986-990, **@2011** Линк **1.000**

54. Nosova, E.V., Trashakhova, T.V., Ustyugov, V.S., Mochul'skaya, N.N., Valova, M.S., Lipunova, G.N., Charushin, V.N., Fluorine-containing quinoline and quinoxaline styryl derivatives: Synthesis and photophysical properties, Russian Chemical Bulletin, 2011, Volume 60, Pages 942-947, **@2011** Линк **1.000**

55. Trashakhova, T.V., Nosova, E.V., Valova, M.S., Slepukhin, P.A., Lipunova, G.N., Charushin, V.N., Synthesis and photophysical properties of 2-Styrylquinazolin-4-ones, Russian Journal of Organic Chemistry, 2011, Volume 47, Pages 753-761, **@2011** Линк **1.000**

56. Mary, Y.S., Raju, K., Yildiz, I., Temiz-Arpaci, O., Nogueira, H.I.S., Granadeiro, C.M., Van Alsenoy, C., Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, Volume 96, Pages 617-625, **@2012** Линк **1.000**

57. Nosova, E.V., Stupina, T.V., Lipunova, G.N., Valova, M.S., Slepukhin, P.A., Charushin, V.N., 3-Phenyl/Pyridinyl Derivatives of Trans-2-(aryl/heteryl)vinyl-3H-quinazolin-4-ones: Synthesis and Fluorescent Properties, International Journal of Organic Chemistry, 2012, Volume 2, Pages 56-63, **@2012** Линк **1.000**

58. Joseph, T., Varghese, H.T., Yohannan Panicker, C., Viswanathan, K., Dolezal, M., Manojkumar, T.K., Van Alsenoy, C., Vibrational spectroscopic investigations and computational study of 5-tert-Butyl-N-(4-trifluoromethylphenyl)pyrazine-2-carboxamide, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, Volume 113, Pages 203-214, **@2013** Линк **1.000**

59. Memarian, H.R. , Ebrahimi, S., Light induced oxidation of 2, 3-dihydroquinazolin-4(1H)-ones, Journal of Photochemistry and Photobiology A: Chemistry, 2013, Volume 271, Pages 8-15, **@2013** Линк **1.000**

60. Cabrera-Rivera, F.A., Morales-Rojas, H., Zigler, D.F., Schmidt, R.D., Jarocha, L.E., Forbes, M.D.E., Photophysical properties of 2, 3-dihydroquinazolin-4(1H)-one derivatives, Journal of Photochemistry and Photobiology A: Chemistry, 2014, Volume 294, Pages 31-37, **@2014** Линк **1.000**

61. Mmonwa, M.M., Mphahlele, M.J., El-Hendawy, M.M., El-Nahas, A.M., Koga, N., Synthesis and photophysical properties of the 2-(3-(2-Alkyl-6, 8-diaryl-4-oxo-1, 2, 3, 4-Tetrahydroquinazolin-2-yl)propyl)-6, 8-diarylquinazolin-4(3H)-ones, Molecules, 2014, Volume 19, Pages 9712-9735, **@2014** Линк **1.000**

62. Mphahlele, M.J. , Maluleka, M.M., Advances in metal-catalyzed cross-coupling reactions of halogenated quinazolinones and their quinazoline derivatives, Molecules, 2014, Volume 19, Pages 17435-17463, **@2014** Линк **1.000**

63. Ovchinnikova, I.G., Kim, G.A., Matochkina, E.G., Kodess, M.I., Barykin, N.V., Eĺtsov, O.S., Nosova, E.V., Rusinov, G.L., Charushin, V.N., Synthesis, photochemical and luminescent properties of (E)-2-(2-hydroxyarylethylene)-3-phenylquinazolin-4(3H)-ones, Russian Chemical Bulletin, 2014, Volume 63, Pages 2467-2477, **@2014** Линк **1.000**

64. Bhagyasree, J.B., Varghese, H.T., Panicker, C.Y., Van Alsenoy, C., Al-Saadi, A.A., Dolezal, M., Samuel, J., Spectroscopic (FT-IR, FT-Raman), first order hyperpolarizability, NBO analysis, HOMO and LUMO analysis of 5-tert-Butyl-6-chloro-N-[(4-(trifluoromethyl)phenyl]pyrazine-2-carboxamide, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, Volume 137, Pages 193-206, **@2015** Линк **1.000**

65. Lukose, J., Yohannan Panicker, C., Nayak, P.S., Narayana, B., Sarojini, B.K., Van Alsenoy, C., Al-Saadi, A.A., Synthesis, structural and vibrational investigation on 2-phenyl-N-(pyrazin- 2-yl)acetamide combining XRD diffraction, FT-IR and NMR spectroscopies with DFT calculations, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, Volume 135, Pages 608-616, **@2015** Линк **1.000**

66. Sebastian, S.H.R., Al-Alshaikh, M.A., El-Emam, A.A., Panicker, C.Y., Zitko, J., Dolezal, M., Vanalsenoy, C. Spectroscopic, quantum chemical studies, Fukui functions, in vitro antiviral activity and molecular docking of 5-chloro-N-(3-nitrophenyl)pyrazine-2-carboxamide, Journal of Molecular Structure, 2016, Volume 1119, Pages 188–199, **@2016** Линк **1.000**

67. Shankaraiah, P., Veeresham, S., Bhavani, A.K.D., Kumada Cross Coupling Reaction Based Synthesis, Antimicrobial and Computational Studies of 6-Aryl-2-phenyl-3-methylquinazolin-4(3H)-ones, Russian Journal of General Chemistry, 2016, Volume 86, Pages 368–375, **@2016** Линк **1.000**

68. Beegum, S., Mary, Y.S., Varghese, H.T., Panicker, C.Y., Armakovic, S., Armakovic, S.J., Zitko, J., Dolezal, M., Van Alsenoy, C., Vibrational spectroscopic analysis of cyanopyrazine-2-carboxamide derivatives and investigation of their reactive properties by DFT calculations and molecular dynamics simulations, Journal of Molecular Structure, 2017, Volume 1131, Pages 1-15, **@2017** Линк **1.000**

69. Bhat, R., Karhale, Sh., Kumbhar, S., Helavi, V., Citric Acid Catalyzed Microwave Irradiated Solvent Free Synthesis of 2-Substituted Benzothiazole Derivatives from 2-Aminothiophenol and Aryl Aldehydes, Chemical Science Review and Letters, 2017, Volume 6, Pages 1156-1164, **@2017** **1.000**

70. Joseph, T., Varghese, H.T., Yohannan Panicker, C., Viswanathan, K., Dolezal, M., Van Alsenoy, C., Spectroscopic (FT-IR, FT-Raman), first order hyperpolarizability, NBO analysis, HOMO and LUMO analysis of N-[(4-(trifluoromethyl)phenyl]pyrazine-2-carboxamide by density functional methods, Arabian Journal of Chemistry, 2017, Volume 10, pages S2281-S2294, **@2017** Линк **1.000**

71. Kamble, A.A., Kamble, R.R., Chougala, L.S., Kadadevarmath, J.S., Maidur, S.R., Patil, P.S., Kumbar, M.N., Marganakop, S.B. Photophysical, Electrochemical Studies of Novel Pyrazol-4-yl-2, 3-dihydroquinazolin-4(1H)-ones and Their Anticancer Activity, Chemistry Select, 2017, Volume 2, Pages 6882–6890, **@2017** Линк **1.000**

72. Kelbysheva, E.S., Telegina, L.N., Ershova, E.A., Strelkova, T.V., Ezernitskaya, M.G., Nosova, E.V., Smoyakov, A.F., Dolgushin, F.M. and Loim, N.M., Synthesis and properties of quinazoline derivatives containing cymantrenyl group, Russian Chemical Bulletin, International Edition, Volume 66, Pages 327—335, **@2017** **1.000**

73. Murthy, P.K., Mary, Y. Sheena, Mary, Y. Shyma, Panicker, C.Y., Suneetha, V., Armaković, S., Armaković, S.J., Van Alsenoy, C., Suchetan, P.A., Synthesis, crystal structure analysis, spectral investigations, DFT computations and **1.000**

molecular dynamics and docking study of 4-benzyl-5-oxomorpholine-3-carbamide, a potential bioactive agent, Journal of Molecular Structure, 2017, Volume 1134, Pages 25-39, **@2017** Линк

74. Kelbysheva, E.S., Telegina, L.N., Strelkova, T.V., Ezernitskaya, M.G., Nosova, E.V., Borisov, Y.A., Lokshin, B.V., Loim, N.M., Spectroscopic Studies of Photochemical Transformations of Cymantrenylquinazolinone Derivatives, European Journal of Inorganic Chemistry, 2018, Pages 1945-1952, **@2018** Линк **1.000**
75. Kim, G.A., Ovchinnikova, I.G., Nosova, E.V., Rusinov, G.L., Charushin, V.N., (E)-2-(hydroxystyryl)-3-phenylquinazolin-4(3H)-ones: synthesis, photochemical and luminescent properties, Arkivoc, 2018, Volume 7, Pages 266-277, **@2018** Линк **1.000**
76. Mahalakshmi G., Subha V., Sheena Mary Y., Balachandran V., Spectroscopic Characterization, Homo-Lumo, NBO study by DFT and Molecular Docking Studies of 2-Amino-6-Metheylpyridine, International Journal of Research and Analytical Reviews, 2018, Paqges 188z-202z, **@2018** Линк **1.000**
77. Ovchinnikova, I.G., Kim, G.A., Matochkina, E.G., Kodess, M.I., Slepukhin, P.A., Kovalev, I.S., Nosova, E.V., Rusinov, G.L., Charushin, V.N., Synthesis, photochemical and luminescent properties of orthohydroxystyrylquinazolinone-linked benzocrown ethers, Journal of Photochemistry and Photobiology A: Chemistry, 2018, Volume 351, Pages 16-28, **@2018** Линк **1.000**
78. Beatrice, M.L., Delphine, S.M., Amalanathan, M., Robert, H.M., Vibrational spectroscopic analysis of 10H-Dibenzo[b, e][2, 4]oxazine and investigate their structural reactivity by DFT computations and molecular docking analysis, Asian Journal of Chemistry, 2020, Volume 32, Pages 2475-2485, **@2020** Линк **1.000**
79. Beegum, S., Sheena Mary, Y., Shyma Mary, Y., Thomas, R., Armaković, S., Armaković, S.J., Zitko, J., Dolezal, M., Van Alsenoy, C., Exploring the detailed spectroscopic characteristics, chemical and biological activity of two cyanopyrazine-2-carboxamide derivatives using experimental and theoretical tools, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2020, Volume 224, art. no. 117414, **@2020** Линк **1.000**
80. Deev, S., Batsyts, S., Sheina, E., Shestakova, T.S., Khalimbadzha, I., Kiskin, M.A., Charushin, V., Chupakhin, O., Paramonov, A.S., Shenkarev, Z.O., Namyslo, J.C., Schmidt, A. Betaine–N-Heterocyclic Carbene Interconversions of Quinazolin-4-One Imidazolium Mesomeric Betaines. Sulfur, Selenium, and Borane Adduct Formation, European Journal of Organic Chemistry, 2020, Pages 450–465, **@2020** Линк **1.000**
81. Robert, H.M., Usha, D., Amalanathan, M., Geetha, R.R.J., Mary, M.S.M., Spectroscopic (IR, Raman, UV, NMR) characterization and investigation of reactive properties of pyrazine-2-carboxamide by anti-bacterial, anti-mycobacterial, Fukui function, molecular docking and DFT calculations, Chemical Data Collections, 2020, Volume 30, Article number 100583, **@2020** Линк **1.000**
82. Robert, H.M., Usha, D., Amalanathan, M., Spectroscopic, Frontier Orbital's and NBO analysis of 3-Pyridinecarboxylic acid hydrazide - DFT method, Studies in Indian Place Names, 2020, Volume 40, Pages 1041-1050, **@2020** Линк **1.000**
83. Robert, H.M., Usha, D., Amalanathan, M., Geetha, R.R.J., Mary, M.S.M., Vibrational spectral, density functional theory and molecular docking analysis on 4-nitrobenzohydrazide, Journal of Molecular Structure, 2021, Volume 1223, art. no. 128948, **@2021** Линк **1.000**
84. Gino, D. J., Sidden, C., Paulraj, R., Ajitha, S., Somaily, H. H., Investigation on the crystal growth, physicochemical, quantum chemical, and third harmonic generation properties of diisopropylammonium hydrogen phthalate single crystal, Journal of Materials Science: Materials in Electronics, 2022, Volume 33, Pages 16923–16941, **@2022** Линк **1.000**
85. Mary, M.S.M., Geetha, R.R.J., Amalanathan, M., Robert, H.M., Anuf, A.R., Spectroscopic and topological analysis and in vitro antimicrobial activity of phenothiazine, Spectroscopy Letters, 2022, Volume 55, Pages 212-228, **@2022** Линк **1.000**

2006

3. **Philipova, I.**, **Dobrikov, G.**, Krumova, K., Kaneti, J. Convenient synthesis of some 2-substituted 4(3H)-quinazolinone derivatives. Journal of Heterocyclic Chemistry, 43, 4, Wiley, 2006, ISSN:0022152X, DOI:10.1002/jhet.5570430436, 1057-1063. SJR:0.285, ISI IF:0.891

Цитира се в:

86. Dabiri, M., Baghbanzadeh, M., Delbari, A.S., Novel and Efficient One-Pot Tandem Synthesis of 2-Styryl-Substituted 4(3H)-Quinazolinones, Journal of Combinatorial Chemistry, 2008, Volume 10, Pages 700-703, **@2008** Линк **1.000**
87. Rewcastle, G.W., Comprehensive Heterocyclic Chemistry III. Pyrimidines and their benzo derivatives (Book chapter), 2008, Volume 8, Pages 117-272, **@2008** Линк **1.000**
88. Baghbanzadeh, M., Molnar, M., Damm, M., Reidlinger, C., Dabiri, M., Kappe, C.O., Parallel microwave synthesis of 2-styrylquinazolin-4(3H)-ones in a high-throughput platform using HPLC/GC vials as reaction vessels, Journal of Combinatorial Chemistry, 2009, Volume 11, Pages 676-684, **@2009** Линк **1.000**
89. Smith, K., El-Hiti, G.A., Hegazy, A.S., Fekri, A., Kariuki, B.M., Variation in sites of lithiation of substituted n-benzylpivalamides and N'-benzyl-N, N-dimethylureas: Application in synthesis, Arkivoc, 2009, Volume 14, Pages 266-300, **@2009** Линк **1.000**

90. Smith, K., El-Hiti, G.A., Hegazy, A.S., Unexpected Variations in Sites of Lithiation of N-(2-Methoxybenzyl)-pivalamide, Synlett, 2009, Pages: 2242-2244, **@2009** Линк **1.000**

91. Deligeorgiev, T., Vasilev, A., Kaloyanova, S., Vaquero, J.J., Styryl dyes – synthesis and applications during the last 15 years, Coloration Technology, 2010, Volume 126, pages 55–80, **@2010** Линк **1.000**

92. Jagani, C.L., Sojitra, N.A., Vanparia, S.F., Patel, T.S., Dixit, R.B., Dixit, B.C., A convergent microwave assisted synthesis of 4-amino-N-(4-oxo-2- substituted-4H-quinazolin-3-yl)benzenesulfonamide derivatives, Arkivoc, 2011, Volume 9, Pages 221-237, **@2011** Линк **1.000**

93. Lipunova, G.N., Nosova, E.V., Trashakhova, T.V., Charushin, V.N., Azinylarylethenes: Synthesis and photophysical and photochemical properties, Russian Chemical Reviews, 2011, Volume 80, Pages 1115-1133, **@2011** Линк **1.000**

94. Schmid, M., Waldner, B., Schnürch, M., Mihovilovic, M.D., Stanetty, P., Studying competitive lithiations at alpha-, ortho- , and benzylic positions in various N-protected aniline derivatives, Tetrahedron, 2011, Volume 67, Pages 2895-2904, **@2011** Линк **1.000**

95. El-Hiti, G.A., Hegazy, A.S., Alotaibi, M.H., Ajarim, M.D., Reactions of organolithium reagents with quinazoline derivatives, Arkivoc, 2012, Volume 7, Pages 35-78, **@2012** Линк **1.000**

96. Hassanzadeh, F., Rahmani Khajouei, M., Hakimelahi, G.H., Jafari, E., Khodarahmi, G.A., Synthesis of some new 2, 3-disubstituted-4(3H)quinazolinone derivatives, Research in Pharmaceutical Sciences, 2012, Volume 7, Pages 23-30, **@2012** Линк **1.000**

97. Jagani, C.L., Sojitra, N.A., Vanparia, S.F., Patel, T.S., Dixit, R.B., Dixit, B.C., Microwave promoted synthesis and antimicrobial activity of 3-thiazole substituted 2-styryl-4(3H)-quinazolinone derivatives, Journal of Saudi Chemical Society, 2012, Volume 16, Pages 363-369, **@2012** Линк **1.000**

98. Reddy, B.S., Naidu, A., Dubey, P.K., PEG-600-mediated, green and efficient, tandem syntheses of N-subtituted-2-styrylquinazolin-4-ones, Green Chemistry Letters and Reviews, 2013, Volume 6, Pages 254-261, **@2013** Линк **1.000**

99. Saygili, N., Ekizoglu, M., Erdogdu, C., Synthesis of new 2-(N'-Allylidene-hydrazino)quinazolinones and 2-(4, 5-Dihydropyrazolyl)-quinazolinones and their antimicrobial and antifungal activity screening, Asian Journal of Chemistry, 2014, Volume 26, Pages 3197-3203, **@2014** Линк **1.000**

100. Wang, X., Yin, J., Shi, L., Zhang, G., Song, B., Design, synthesis, and antibacterial activity of novel Schiff base derivatives of quinazolin-4(3H)-one, European Journal of Medicinal Chemistry, 2014, Volume 77, Pages 65-74, **@2014** Линк **1.000**

101. Kumar, D., Jadhavar, P.S., Nautiyal, M., Sharma, H., Meena, P.K., Adane, L., Pancholia, S., Chakraborti, A.K., Convenient synthesis of 2, 3-disubstituted quinazolin-4(3H)-ones and 2-styryl-3-substituted quinazolin-4(3H)-ones: Applications towards the synthesis of drugs, RSC Advances, 2015, Volume 5, Pages 30819-30825, **@2015** Линк **1.000**

102. Agbo, E.N., Makhafola, T.J., Choong, Y.S., Malose Jack Mphahlele, M.J., and Ramasami, P., Synthesis, Biological Evaluation and Molecular Docking Studies of 6-Aryl-2-Styrylquinazolin-4(3H)-Ones, Molecules, 2016, Volume 21, art. no. 28, **@2016** Линк **1.000**

103. Hosseinzadeh, L., Aliabadi, A., Kalantari, M., Mostafavi, A., and Khajouei, M.R., Synthesis and cytotoxicity evaluation of some new 6-nitro derivatives of thiazole-containing 4-(3H)-quinazolinone, Research in Pharmaceutical Sciences, 2016, Volume 11, Pages 210-218, **@2016** Линк **1.000**

104. Kundu, P., Mondal, A., and Chowdhury, C., A Palladium-Catalyzed Method for the Synthesis of 2-(α-Styryl)-2, 3-dihydroquinazolin-4-ones and 3-(α-Styryl)-3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxide: Access to 2-(α-Styryl)quinazolin-4(3H)-ones and 3-(α-Styryl)-1, 2, 4-benzothiadiazine-1, 1-dioxides, Journal of Organic Chemistry, 2016, Volume 81, Pages 6596−6608, **@2016** Линк **1.000**

105. Hosseinzadeh, L., Aliabadi, A., Rahnama, M., Sadeghi, H.M.M. and Khajouei, M.R., Synthesis and cytotoxic evaluation of some new 3-(2-(2-phenylthiazol-4-yl) ethyl)-quinazolin-4(3H) one derivatives with potential anticancer effects, Research in Pharmaceutical Sciences, 2017, Volume 12, Pages 290-298, **@2017** **1.000**

106. Sahu, A., Kumar, D., Agrawal, R.K., Antileishmanial Drug Discovery: Synthetic Methods, Chemical Characteristics, and Biological Potential of Quinazolines and its Derivatives, Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry, 2017, Volume 16, Pages 3-32, **@2017** Линк **1.000**

107. Thorat, D.B., Shivkumar, B., Rao, N., Mohankumar, K.M., Synthesis and Evaluation of new 4(3H)-quinazolinones derivatives as potential Anti-Inflammatory agents, Asian Journal of Research in Pharmaceutical Sciences, 2021, Volume 11, Pages 213-218, **@2021** Линк **1.000**

108. Seifu, G. W., Birhan, Y. S., Beshay, B. Y., Hymete, A. Bekhit, A. A., Synthesis, antimalarial, antileishmanial evaluation, and molecular docking study of some 3-aryl-2-styryl substituted-4(3H)-quinazolinone derivatives, BMC Chemistry, 2022, Volume 16, art. no. 107, **@2022** Линк **1.000**

109. Tran, H.T., Vu, O.N.T., Le, T.N.T., Nguyen, B.D.C., Vo, N.N., Substitution to Position Number 2 of 4(3H)-Quinazolinone to Create New Derivatives and to Test the Antibacterial or Antifungal Effects, Applied Sciences (Switzerland), 2022, Volume 12, art. no. 2710, **@2022** Линк **1.000**

4. **Dobrikov, G.**, **Simova, S.**, **Dimitrov, V**. Preparation of chiral ferrocene through application of chiral organolithium compounds - determination of the configuration by NMR spectroscopy. Comptes rendus de l'Académie bulgare des Sciences, 59, 7,

Bulgarian Academy of Sciences, „Prof. Marin Drinov“ Academic Publishing House, 2006, ISSN:2367-5535, 737-742. SJR:0.21, ISI IF:0.204

Цитира се в:

110. Stephenson, G. R., 1.7.8.17.1.3.1 Variation 1: Via Stereoselective Alkylation and Arylation of Formylferrocene, Science of Synthesis Knowledge Updates, 1, 201, **@2014** Линк **1.000**

2009

5. **Kamenova-Nacheva, M.**, **Dobrikov, G.**, **Dimitrov, V**. Preparation of β-amino-alcohol analogs by the addition of N-, O-and S-containing substituents to ferrocenylcamphorsulfonamide - Ligands for enantioselective addition of diethylzinc to benzaldehyde. Arkivoc, 12, 2009, DOI:10.3998/ark.5550190.0010.c12, 141-152. ISI IF:1.165

Цитира се в:

111. Ajani, Olayinka Oyewale, Synthesis of New N, N-Disubstituted Aryl-and Alkylaryl Sulphonamides and their Antimicrobial Properties, PhD Thesis, The Department of Chemistry, School of Natural and Applied Sciences, College of Science & Technology, Covenant University, Ota, Nigeria, 2012, p. 179, **@2012** Линк **1.000**

112. Ferreira, Ana S.D., Schulz, J., Galvao, Adelino M.; et al., Synthesis and characterization of ferrocenyl camphor compounds, Journal of Organometallic Chemistry, 2014, Volume 760, Pages 108-114, **@2014** Линк **1.000**

113. Marques, F.A.; Wosch, C.L.; Frensch, G., Labes, R., Maia, B.H.L.N.S., Salomé, K.S., Barison, A., Guerrero, P.G., Stereoselective Addition of Diethylzinc to Aldehydes Using Chiral beta-Hydroxy-2-oxazolines as Catalysts, Journal of the Brazilian Chemical Society, 2015, Volume 26, Pages 165-170, **@2015** Линк **1.000**

2010

6. Petkova, I., **Dobrikov, G.**, Banerji, N., Duvanel, G., Perez, R., **Dimitrov, V.**, Nikolov, P., Vauthey, E. Tuning the excited-state dynamics of GFP-inspired imidazolone derivatives. Journal of Physical Chemistry A, 114, 1, American Chemical Society, 2010, ISSN:10895639, DOI:10.1021/jp903900b, 10-20. SJR:1.039, ISI IF:2.625

Цитира се в:

114. Baldridge, A., Solntsev, K.M., Song, C., Tanioka, T., Kowalik, J., Hardcastle, K. and Tolbert, L.M., Inhibition of twisting of a green fluorescent protein-like chromophore by metal complexation, Chemical Communications, 2010, Volume 46, Pages 5686-5688, **@2010** Линк **1.000**

115. Huang G.-J. and Yang, J.-S., The N-Arylamino Conjugation Effect in the Photochemistry of Fluorescent Protein Chromophores and Aminostilbenes, Chemistry – An Asian Journal, 2010, Volume 5, Pages 2075–2085, **@2010** Линк **1.000**

116. Clark, T.B., Orr, M.E., Flynn, D.C., Goodson, T., Synthesis and optical properties of two-photon absorbing GFP-type probes, Journal of Physical Chemistry C, 2011, Volume 115, Pages 7331-7338, **@2011** Линк **1.000**

117. Conyard, J., Kondo, M., Heisler, I.A., Jones, G., Baldridge, A., Tolbert, L.M., Solntsev, K.M., Meech, S.R., Chemically modulating the photophysics of the GFP chromophore, Journal of Physical Chemistry B, 2011, Volume 115, Pages 1571-1577, **@2011** Линк **1.000**

118. Kahan, A., Wand, A., Ruhman, S., Zilberg, S., Haas, Y., Solvent tuning of a conical intersection: Direct experimental verification of a theoretical prediction, Journal of Physical Chemistry A, 2011, Volume 115, Pages 10854-10861, **@2011** Линк **1.000**

119. Nakabayashi, T., Hino, K., Ohta, Y., Ito, S., Nakano, H., Ohta, N., Electric-field-induced changes in absorption and fluorescence of the green fluorescent protein chromophore in a PMMA film, Journal of Physical Chemistry B, 2011, Volume 115, Pages 8622-8626, **@2011** Линк **1.000**

120. Rafiq, S., Rajbongshi, B.K., Nair, N.N., Sen, P. , Ramanathan, G., Excited state relaxation dynamics of model green fluorescent protein chromophore analogs: Evidence for cis-trans isomerism, Journal of Physical Chemistry A, 2011, Volume 115, Pages 13733-13742, **@2011** Линк **1.000**

121. Lin, C.-J., Liu, Y.-H., Peng, S.-M., Yang, J.-S., Photoluminescence and trans cis photoisomerization of aminostyrene-conjugated phenylpyridine C^N ligands and their complexes with platinum(II): The styryl position and the amino substituent effects, Journal of Physical Chemistry B, 2012, Volume 116, Pages 8222-8232, **@2012** Линк **1.000**

122. Olsen, S., McKenzie, R.H., A two-state model of twisted intramolecular charge-transfer in monomethine dyes, Journal of Chemical Physics, 2012, Volume 137, Article number 164319, **@2012** Линк **1.000**

123. Shi, L., Li, Y., Liu, Z.-P., James, T.D., Long, Y.-T., Simultaneous determination of Hg(II) and Zn(II) using a GFP inspired chromophore, Talanta, 2012, Volume 100, Pages 401-404, **@2012** Линк **1.000**

124. Cheng, C.-W., Huang, G.-J., Hsu, H.-Y., Prabhakar, Ch., Lee, Y.-P., Diau, E.W.-G. and Yang, J.-S., Effects of hydrogen bonding on internal conversion of GFP-like chromophores. II. the meta-amino systems, Journal of Physical Chemistry B, 2013, Volume 117, Pages 2705-2716, **@2013** Линк **1.000**

125. Conyard, J., Ultrafast Excited State Reaction Dynamics in Light-Driven Unidirectional Rotary Molecular Motors and Fluorescent Protein Chromophores, PhD thesis of Jamie Conyard, School of Chemistry, University of East Anglia, Norwich, UK, 2013, **@2013** Линк **1.000**

126. Huang, G.-J., Cheng, C.-W., Hsu, H.-Y., Prabhakar, C., Lee, Y.-P., Diau, E.W.-G., Yang, J.-S., Effects of hydrogen bonding on internal conversion of GFP-like chromophores. I. The para-amino systems, Journal of Physical Chemistry B, 2013, Volume 117, Pages 2695-2704, **@2013** Линк **1.000**

127. Martinez-Lopez, D., Sampedro, D., Synthesis and Photophysical Properties of the Green Fluorescent Protein Chromophore and Analogues, Book Series: Targets in Heterocyclic Systems-Chemistry and Properties, Volume 17, Pages 125-146, **@2013** **1.000**

128. Pang, J., Lebeck, A.R., Dwyer, C., Modeling and simulation of a nanoscale optical computing system, Journal of Parallel and Distributed Computing, 2014, Volume 74, Pages 2470-2483, **@2014** Линк **1.000**

129. Deng, H., Su, Y., Hu, M., Jin, X., He, L.., Pang, Y., Dong, R., Zhu, X., Multicolor Fluorescent Polymers Inspired from Green Fluorescent Protein, Macromolecules, 2015, Volume 48, Pages 5969-5979, **@2015** Линк **1.000**

130. Huang, G.-J., Lin, C.-J., Liu, Y.-H., Peng, S.-M., Yang, J.-S., o-Amino analogs of green fluorescence protein chromophore: Photoisomerization, photodimerization and aggregation-induced emission, Photochemistry and Photobiology, 2015, Volume 91, Pages 714-722, **@2015** Линк **1.000**

131. Walker, C.L., Lukyanov, K.A., Yampolsky, I.V., Mishin, A.S., Bommarius, A.S., Duraj-Thatte, A.M., Azizi, B., Tolbert, L.M., Solntsev, K.M., Fluorescence imaging using synthetic GFP chromophores, Current Opinion in Chemical Biology, 2015, Volume 27, Pages 64-74, **@2015** Линк **1.000**

132. Wang, Y., Tang, L., Liu, W., Zhao, Y., Oscar, B.G., Campbell, R.E., Fang, C., Excited state structural events of a dual-emission fluorescent protein biosensor for Ca2+ imaging studied by femtosecond stimulated RAMAN spectroscopy, Journal of Physical Chemistry B, 2015, Volume 119, Pages 2204-2218, **@2015** Линк **1.000**

133. Chatterjee, T., Mandal, M., and Mandal, P.K., Solvent H-bond accepting ability induced conformational change and its influence towards fluorescence enhancement and dual fluorescence of hydroxy meta-GFP chromophore analogue, Physical Chemistry Chemical Physics, 2016, Volume 18, Pages 24332-24342, **@2016** Линк **1.000**

134. Chatterjee, T., Mandal, M., Das, A., Bhattacharyya, K., Datta, A., and Mandal, P.K., Dual Fluorescence in GFP Chromophore Analogues: Chemical Modulation of Charge Transfer and Proton Transfer Bands, Journal of Physical Chemistry B, 2016, Volume 120, Pages 3503−3510, **@2016** Линк **1.000**

135. Muselli, M., Colombeau, L., Hédouin, J., Hoarau, C., Bischoff, L., Mild, Efficient, One-Pot Synthesis of Imidazolones Promoted by N, O-Bistrimethylsilylacetamide (BSA), Synlett, 2016, Volume 27, Pages 2819-2825, **@2016** Линк **1.000**

136. Nguyen, T.S., Koh, J.H., Lefelhocz, S., Parkhill, J., Black-Box, Real-Time Simulations of Transient Absorption Spectroscopy, Journal of Physical Chemistry Letters, 2016, Volume 7, Pages 1590–1595, **@2016** Линк **1.000**

137. Zhu, G. L., Shi, D., Wei, J., Tao, F., US Patent 9242927 B2, подаден 24.01.2014, публикуван 26.01.2016., **@2016** **1.000**

138. Deng, H. and Zhu, X., Emission enhancement and application of synthetic green fluorescent protein chromophore analogs, Materials Chemistry Frontiers, 2017, Volume 1, Pages 619-629, **@2017** Линк **1.000**

139. Li, H., Yin, H., Liu, X., Shi, Y., Jin, M., Ding, D., An experimental and theoretical study of solvent hydrogen-bond-donating capacity effects on ultrafast intramolecular charge transfer of LD 490. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2017, Volume 184, Pages 270–276, **@2017** Линк **1.000**

140. Singh, A., Badi-Uz-Zama, K., Ramanathan, G., Protonation of the imino nitrogen deactivates the excited state of imidazolin-5-one in the solid state, Journal of Chemical Sciences, 2018, 130, 24 (9 pages), **@2018** Линк **1.000**

141. Stewart, D.J., Kannan, R., Grusenmeyer, T.A., Artz, J.M., Long, S.L., Yu, Z., Cooper, T.M., Haley, J.E. and Tan, L.-S., Effects of intramolecular hydrogen bonding and sterically forced non-coplanarity on organic donor/acceptor two-photon-absorbing molecules, Physical Chemistry Chemical Physics, 2018, Volume 20, Pages 19398-19407, **@2018** Линк **1.000**

142. Zaitseva, S.O., Golodukhina, S.V., Baleeva, N.S., Levina, E.A., Smirnov, A.Y., Zagudaylova, M.B., Baranov, M.S., Azidoacetic Acid Amides in the Synthesis of Substituted Arylidene-1-H-imidazol-5-(4H)-ones, Chemistry Select, 2018, Volume 3, Pages 8593–8596, **@2018** Линк **1.000**

143. Krawczyk, P., Bratkowska, M., Wybranowski, T., Hołyńska-Iwan, I., Cysewski, P., Jędrzejewska, B., Experimental and theoretical insight into spectroscopic properties and bioactivity of 4-(4-formylbenzylidene)-2-phenyloxazol-5(4H)-one dye for future applications in biochemistry, Journal of Molecular Liquids, 2020, Volume 314, Article number 113632 (13 pages), **@2020** Линк **1.000**

144. Zhang, W., Kong, J., Hu, D., Tao, M., Niu, X., Vdović, S., Aumiler, D., Ma, Y., Xia, A., Journal of Physical Chemistry C, 2020, Volume 124, Pages 5574-5582, **@2020** Линк **1.000**

145. Martin, C.R., Kittikhunnatham, P., Leith, G.A., Berseneva, A.A., Park, K.C., Greytak, A.B., Shustova, N.B., Let the light be a guide: Chromophore communication in metal-organic frameworks, Nano Research, 2021, Volume 14, Pages 338-354, **@2021** Линк **1.000**

146. Szukalski, A., Krawczyk, P., Sahraoui, B., Jędrzejewska, B., Multifunctional Oxazolone Derivative as an Optical Amplifier, Generator, and Modulator, Journal of Physical Chemistry B, 2022, Volume 126, Pages 1742–1757, **@2022** Линк **1.000**

147. Rajbongshi, B.K., Rafiq, S., Bhowmik, S., Sen, P., Ultrafast excited state relaxation of a model green fluorescent protein chromophore: Femtosecond fluorescence and transient absorption study, Journal of Molecular Structure, 2023, Volume 1275, art. no. 134538, **@2023** Линк **1.000**

7. Angelova, P., Kuchukova, N., **Dobrikov, G.**, Petkova, I., Timtcheva, I., **Kostova, K.**, Vauthey, E., Giorgetti, E. Design, synthesis and photophysical study of fluorophore modified noble metal nanoparticles. ICTON 2010, 12th International Conference on Transparent Optical Networks, IEEE, 2010, ISBN:978-142447797-5, DOI:10.1109/ICTON.2010.5549256, 5549256-5549256

Цитира се в:

148. Meola, A., Hondrogiannis, N., Brown, P., Zhukovskyi, M., Zheng, Z., Rosenzweig, Z., Reber, K., Devadas, M.S., Variations in electronic states of coumarin hexanethiolate-labeled i-Au25 and bi-Au25 clusters, MRS Communications, 2019, Volume 9, Pages 992–1000, **@2019** Линк **1.000**

2011

8. Dobrikov, G.H., **Dobrikov, G.M.**, Aleksandrova, M. Synthesis and electronic spectra of new low-molecular weight compounds with possible application in electroluminescent layers. Central European Journal of Chemistry, 9, 6, Springer, 2011, ISSN:18951066, DOI:10.2478/s11532-011-0098-3, 1126-1132. SJR:0.326, ISI IF:1.091

Цитира се в:

149. Fleming, C.L., Ashton, T.D., Pfeffer, F.M., Synthesis of 4-amino substituted 1, 8-naphthalimide derivatives using palladium-mediated amination, Dyes and Pigments, 2014, Volume 109, Pages 135-143, **@2014** Линк **1.000**

150. Zhang, L., Su, F., Kong, X., Lee, F., Sher, S., Day, K., Tian, Y. and Meldrum, D.R., 1, 8-Naphthalimide Derivative Dyes with Large Stokes Shifts for Targeting Live-Cell Mitochondria, ChemBioChem, 2016, Volume 17, Pages 1719–1724, **@2016** Линк **1.000**

151. Tanabe, J., Benedito, F.L., Lennartz, C., Fluorescent organic light emitting elements having high efficiency, US Patent Application Publication, US 2017/0263868 Al, pub. date Sep. 14, 2017, **@2017** Линк **1.000**

152. Jayabharathi, J., Anudeebhana, J., Thanikachalam, V., Sivaraj, S., Prabhakaran, A., Efficient donor–acceptor emitter based nonsymmetrical connection for organic emitting diodes with improving exciton utilization, RSC Advances, 2020, Volume 10, Pages 4002-4013, **@2020** Линк **1.000**

153. Al-Thaqafy, S.H., Asiri, A.M., Zayed, M.E.M., Alam, M.Z., Ahmad, A., Fatima, M., Kumar, S., Khan, S. A., Physicochemical investigation and fluorescence quenching of biologically active pyrrole-containing push-pull chromophore by Ag nanoparticles, Journal of Molecular Structure, 2023, Volume 1274, art. no. 134421, **@2023** Линк **1.000**

9. Angelova, P., Kuchukova, N., **Dobrikov, G.M.**, Timtcheva, I., **Kostova, K.**, Petkova, I., Vauthey, E. Fluorescent monolayer protected gold nanoparticles - Preparation and structure elucidation. Journal of Molecular Structure, 993, 1-3, Elsevier, 2011, ISSN:00222860, DOI:10.1016/j.molstruc.2010.12.019, 185-192. SJR:0.405, ISI IF:1.571

Цитира се в:

154. Kyrychenko, A., Karpushina, G.V., Bogatyrenko, S.I., Kryshtal, A.P., Doroshenko, A.O., Preparation, structure, and a coarse-grained molecular dynamics model for dodecanethiol-stabilized gold nanoparticles, Computational and Theoretical Chemistry, 2011, Volume 977, Pages 34-39, **@2011** Линк **1.000**

155. Kyrychenko, A., Karpushina, G.V., Svechkarev, D., Kolodezny, D., Bogatyrenko, S.I., Kryshtal, A.P., Doroshenko, A.O., Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected, Journal of Physical Chemistry C, 2012, Volume 116, Pages 21059-21068, **@2012** Линк **1.000**

156. Song, B., Ph. D. Thesis, Permeation of nanoparticles through a model membrane: CG-MD Simulations Studies, University of Illinois at Chicago, 2012, cit. 59., **@2012** Линк **1.000**

157. Zoppi, A., Trigari, S., Margheri, G., Muniz-Miranda, M., Giorgetti, E., Gold nanostars as SERS-active substrates for FT-Raman spectroscopy, RSC Advances, 2015, Volume 5, Pages 8523-8532, **@2015** Линк **1.000**

158. Dangalov, M., Yordanova, S., Stoyanova, M., Cheshmedzhieva, D., Petrov, P., Stoyanov, S., 3, 4-Diamino naphthalimides and their respective imidazoles – Synthesis, spectroscopic and theoretical investigation, Journal of Molecular Structure, 2016, Volume 1125, Pages 705-713, **@2016** Линк **1.000**

159. Gong, H.-H., Addla, D., Lv, J.-S., and Zhou, Ch.-H., Heterocyclic Naphthalimides as New Skeleton Structure of Compounds with Increasingly Expanding Relational Medicinal Applications, Current Topics in Medicinal Chemistry, 2016, Volume 16, Pages 3303-3364, **@2016** Линк **1.000**

160. Zhang, N., Su, L., Man, S., Lei, X., Huang, T., Zhu, Ch., Zhang, L., Wu, X., Task-specific solid-phase microextraction based on ionicliquid/polyhedral oligomeric silsesquioxane hybrid coating forsensitive analysis of polycyclic aromatic hydrocarbons by gaschromatography–mass spectrometry, Journal of Chromatography A, Volume 1598, Pages 49-57, **@2019** Линк **1.000**

2012

10. **Dobrikov, G.M.**, **Philipova, I.**, Nikolova, R., Shivachev, B., Chimov, A., **Dimitrov, V**. Functionalized organolithium reagents in the synthesis of chiral ligands for catalytic enantioselective addition of diethylzinc to aldehydes. Polyhedron, 45, 1, Elsevier, 2012, ISSN:02775387, DOI:10.1016/j.poly.2012.06.090, 126-143. SJR:0.509, ISI IF:1.892

Цитира се в:

161. Schaarschmidt, D., Lang, H., Selective syntheses of planar-chiral ferrocenes, Organometallics, 2013, Volume 32, Pages 5668-5704, **@2013** Линк **1.000**

162. Shimada, K., Sasaki, J., Kishi, A., Aoyagi, S., Takikawa, Y., Synthesis of sterically-crowded olefins, gem-dihaloalkenes, butatrienes, and thioketenes through the reaction of substituted bornane-2-thiones or bornane-2-selones with conventional carbenes or metal carbenoids, Natural Product Communications, 2013, Volume 8, Pages 851-858, **@2013** Линк **1.000**

163. Marques, F.A., Wosch, C.L., Frensch, G., Labes, R., Maia, B.H.L.N.S., Salomé, K.S., Barisona, A., Guerrero, P.G. Jr., Stereoselective addition of diethylzinc to aldehydes using chiral β-hydroxy-2-oxazolines as catalysts, Journal of the Brazilian Chemical Society, 2015, Volume 26, Pages 165-170, **@2015** Линк **1.000**

164. Korb, M. Anionic Phospho-Fries Rearrangements for the Synthesis of Planar-Chiral Ferrocenes and their Application in (atropselective) Suzuki-Miyaura Reactions, PhD Thesis, Technische Universität Chemnitz, 2017, cit. 331., **@2017** **1.000**

165. Korb, M., Mahrholdt, J., Lang, H., (Planar-Chiral) Ferrocenylmethanols: From Anionic Homo Phospho-Fries Rearrangements to α-Ferrocenyl Carbenium Ions, European Journal of Inorganic Chemistry, 2017, Pages 4028–4048, **@2017** Линк **1.000**

166. Marsico, G., Scafato, P., Belviso, S., Superchi, S., Regio- and stereoselective intermolecular carbolithiation reactions, RSC Advances, 2020, Volume 10, Pages 32581-32601, **@2020** Линк **1.000**

11. **Dobrikov, G.M.**, Valcheva, V., Stoilova-Disheva, M., Momekov, G., Tzvetkova, P., Chimov, A., **Dimitrov, V**. Synthesis and in vitro antimycobacterial activity of compounds derived from (R)- and (S)-2-amino-1-butanol - The crucial role of the configuration. European Journal of Medicinal Chemistry, 48, Elsevier, 2012, ISSN:02235234, DOI:10.1016/j.ejmech.2011.11.035, 45-56. SJR:1.004, ISI IF:3.781

Цитира се в:

167. Ashton Acton, Q. (Ed.), Mycobacterium Infections—Advances in Research and Treatment: 2012 Edition, ISBN 978-1-464-99342-8, **@2012** Линк **1.000**

168. de Souza, H.M., Aminoálcools no Tratamento de Doenças Negligenciadas, PhD Thesis, Universidade Federal do Rio Grande do Sul, Faculdade de Farmácia, Porto Alegre, Brasil, **@2012** **1.000**

169. Marcinkevičiene, L., Stankevičiute, J., Bachmatova, I., Vidžiunaite, R., Chaleckaja, A., Meškys, R., Biocatalytic properties of quinohemoprotein alcohol dehydrogenase IIG from Pseudomonas putida HK5, Chemija, 2012, Volume 23, Pages 223-232, **@2012** Линк **1.000**

170. Beatriz, A., de Lima, D.P., Recent Advances in the Synthesis of Organic Compounds to Combat Neglected Tropical Diseases, Bentham Science Publishers, 2014, **@2014** Линк **1.000**

171. Mancuso, R., Ziccarelli, I., Armentano, D., Marino, N., Giofrè, S.V., Gabriele, B., Divergent palladium iodide catalyzed multicomponent carbonylative approaches to functionalized isoindolinone and isobenzofuranimine derivatives, Journal of Organic Chemistry, 2014, Volume 79, Pages 3506-3518, **@2014** Линк **1.000**

172. Moreth, M., Gomes, C.R.B., Lourenço, M.C.S., Soares, R.P., Rocha, M.N., Kaiser, C.R., De Souza, M.V.N., Wardell, S.M.V.N., Wardell, J.L., Syntheses and antimycobacterial activities of [(2S, 3R)-2-(amino)-4-(arenesulfonamido)-3-hydroxy-1-phenylbutane derivatives, Medicinal Chemistry, 2014, Volume 10, Pages 189-200, **@2014** Линк **1.000**

173. Rayavarapu, S., Kadiri, S.K., Gajula, M.B., Nakka, M., Tadikonda, R., Yarla, N.S. and Vidavalur, S., Synthesis of Putrescine Bisamides as Antimicrobial and Anti-Inflammatory Agents, Medicinal Chemistry (India), 2014, Volume 4, Pages 367-372, **@2014** Линк **1.000**

174. Facchinetti, V., Moreth, M., Gomes, C.R.B., do Ó Pessoa, C., Rodrigues, F.A.R., Cavalcanti, B.C., Oliveira, A.C.A., Carneiro, T.R., Gama, I.L., De Souza, M.V.N., Evaluation of (2S, 3R)-2-(amino)-[4-(N-benzylarenesulfonamido)-3-hydroxy-1-phenylbutane derivatives: A promising class of anticancer agents, Medicinal Chemistry Research, 2015, Volume 24, Pages 533-542, **@2015** Линк **1.000**

175. Fernandes, G.F.D., Jornada, D.H., de Souza, P.C., Chin, C.M., Pavan, F.R., dos Santos, J.L., Current Advances in Antitubercular Drug Discovery: Potent Prototypes and New Targets, Current Medicinal Chemistry, 2015, Volume 22, Pages 3133-3161, **@2015** Линк **1.000**

176. Cherkadu, V., Kalavagunta, P.K., Ravirala, N., Shivananju, N.S., Priya, B.S., Zinc Chloride Catalyzed, Dipolar Aprotic Solvent-Mediated, One-Pot Synthesis of 2-[(Benzo[d]thiazol-2-ylamino)(phenyl)methyl]phenols, Synlett, 2016, Volume 27, Pages 2795–2798, **@2016** Линк **1.000**

177. Duan, A.-H., Wang, B.-J., Xie, S.-M., Zhang, J.-H., Yuan, L.-M., A chiral, porous, organic cage-based, enantioselective potentiometric sensor for 2-aminobutanol, Chirality, 2017, Volume 29, Pages 172-177, **@2017** Линк **1.000**

178. Li, B., Zhang, J., Yang, B.-B., Li, L. and Yang, X.-X., Ring-locking strategy facilitating determination of absolute optical purity of 2-amino-1-butanol by reverse-phase high-performance liquid chromatography, RSC Advances, 2017, Volume 7, Pages 45714–45720, **@2017** Линк **1.000**

179. Weber, N., Hatsch, A., Labagnere, L.. and Heider, H., Production of (S)-2-aminobutyric acid and (S)-2-aminobutanol in Saccharomyces cerevisiae, Microbial Cell Factories, 2017, Volume 16, Page 51 (17 pages), **@2017** Линк **1.000**

180. Zhao, J.-W., Wu, H.-L., Zhang, J.-D. Gao, W.-C., Fan, X.-J., Chang, H.-H., Wei, W.-L., Xu, J.-H.; One pot simultaneous preparation of both enantiomer of beta-amino alcohol and vicinal diol via cascade biocatalysis, Biotechnology Letters, 2018, Volume 40, Pages 349–358, **@2018** Линк **1.000**

181. de Marigorta, E.M., de Los Santos, J.M., de Retana, A.M.O., Vicario, J., Palacios, F., Multicomponent reactions (MCRs): a useful access to the synthesis of benzo-fused γ-lactams, Beilstein Journal of Organic Chemistry, 2019, Volume 15, Pages 1065-1085, **@2019** Линк **1.000**

182. Derrington, S.R., Turner, N.J., France, S.P., Carboxylic acid reductases (CARs): An industrial perspective, Journal of Biotechnology, 2019, Volume 304, Pages 78-88, **@2019** Линк **1.000**

183. Gaikwad, N., Nanduri, S., Madhavi, Y.V., Cinnamamide: An insight into the pharmacological advances and structureeactivity relationships, European Journal of Medicinal Chemistry, 209, Volume 181, art. no. 111561, **@2019** Линк **1.000**

184. Tolmacheva, I.A., Igosheva, E.V., Savinova, O.V., Boreko, E.I., Eremin, V.F., Grishko, V.V., Synthesis and evaluation of antiviral activities of triterpenic conjugates with 2-aminobutan-1-ol as potent microbicidal agents, Medicinal Chemistry Research, 2019, Volume 28, Pages 1648–1660, **@2019** Линк **1.000**

185. Wang, B.-J., Duan, A.-H., Zhang, J.-H., Xie, S.-M., Cao, Q.-E. and Yuan, L.-M., An Enantioselective Potentiometric Sensor for 2-Amino-1-Butanol Based on Chiral Porous Organic Cage CC3-R, Molecules, 2019, Volume 24, art. no. 420, **@2019** Линк **1.000**

186. Khrapova, K.O., Telezhkin, A.A., Volkov, P.A., Larina, L.I., Pavlov, D.V., Gusarova, N.K., Trofimov, B.A., Oxidative cross-coupling of secondary phosphine chalcogenides with amino alcohols and aminophenols: aspects of the reaction chemoselectivity, Organic and Biomolecular Chemistry, 2021, Volume 19, Pages 5098-5107, **@2021** Линк **1.000**

187. Lv, Y., Tang, C., Liao, J., Wu, S., Yao, L., Ruan, H., Sotto, A., Shen J., Conversion of S-2-amino-1-butanol-l-tartrate to S-2-amino-1-butanol by Using Bipolar Membrane Electrodialysis for Post-treatment of Direct Enantioseparation, ACS Sustainable Chemistry and Engineering, 2021, Volume 9, Pages 3542-3551, **@2021** Линк **1.000**

188. Huang, J., Shi, M., Liang, H., Lu, J., An efficient O-phthalaldehyde-amine coupling reaction for the synthesis of a bottlebrush polymer under physiological conditions, Polymer Chemistry, 2022, Volume 13, Pages 649-654, **@2022** Линк **1.000**

2013

12. Zoppi, A., Trigari, S., Giorgetti, E., Muniz-Miranda, M., Alloisio, M., Demartini, A., Dellepiane, G., Thea, S., **Dobrikov, G.**, Timtcheva, I. Functionalized Au/Ag nanocages as a novel fluorescence and SERS dual probe for sensing. Journal of Colloid and Interface Science, 407, 1, Elsevier, 2013, ISSN:00219797, DOI:10.1016/j.jcis.2013.06.012, 89-94. SJR:1.095, ISI IF:3.514

Цитира се в:

189. Staff, Alyssa, Examining the gilded cage: synthesis, optical properties and plasmonic applications of gold nanocages. 2014, MSc Thesis, Carleton University, Department of Chemistry, Ottawa, Ontario, Canada, **@2014** Линк **1.000**

190. Fang, P.-P., Lu, X., Liu, H., Tong, Y., Applications of shell-isolated nanoparticles in surface-enhanced Raman spectroscopy and fluorescence. TrAC - Trends in Analytical Chemistry, 2015, Volume 66, Pages 103-117, **@2015** Линк **1.000**

191. Li, H., Li, Y., Wang, S., Water-soluble Au nanocages for enzyme-free H2O2 sensor and 4-nitrophenol reduction. CrystEngComm, 2015, Volume 17, Pages 2368-2375, **@2015** Линк **1.000**

192. Ma, D., Tang, X., Guo, M., Lu, H., Xu, X., Fabrication and characterization of non-enzymatic glucose sensor based on bimetallic hollow Ag/Pt nanoparticles prepared by galvanic replacement reaction. Ionics, 2015, Volume 21, Pages 1417-1426, **@2015** Линк **1.000**

193. Salehi, A.H., Montazer, M., Toliyat, T., Mahmoudi-Rad, M., A new route for synthesis of silver:gold alloy nanoparticles loaded within phosphatidylcholine liposome structure as an effective antibacterial agent against Pseudomonas aeruginosa. Journal of Liposome Research, 2015, Volume 25, Pages 38-45, **@2015** Линк **1.000**

194. Ghosh Chaudhuri, R., Paria, S., Au and Ag/Au double-shells hollow nanoparticles with improved near infrared surface plasmon and photoluminescence properties. Journal of Colloid and Interface Science, 2016, Volume 461, Pages 15-19, **@2016** Линк **1.000**

195. Jiang, T., Wang, X., Tang, J., Synthesis and surface enhanced Raman scattering performance of Ag dendritic nanoplates with ultrasmall nanogaps. Optik - International Journal for Light and Electron Optics, 2017, Volume 150, Pages 88-93, **@2017** Линк **1.000**

196. Liu, Ch., Tan, L.., Li, J., Dong, J., Qian, W., Two-in-one: Au nanocages with a highly open architecture and "hotspot" effect as SERS-active substrates. CrystEngComm, 2017, Volume 19, Pages 3233–3236, **@2017** Линк **1.000**

197. Alvarez-Puebla, R.A., Pazos-Perez, N., Guerrini, L., SERS-fluorescent encoded particles as dual-mode optical probes. Applied Materials Today, 2018, Volume 13, Pages 1-14, **@2018** Линк **1.000**

198. Dai, R., Deng, W., Hu, P., You, C., Yang, L., Jiang, X., Xiong, X., Huang, K., One-pot synthesis of bovine serum albumin protected gold/silver bimetallic nanoclusters for ratiometric and visual detection of mercury. Microchemical Journal, 2018, Volume 139, Pages 1-8, **@2018** Линк **1.000**

199. Zheng, Ch., Huang, J., Lei, L., Chen, W., Wang, H., Li, W., Nanosecond nonlinear optical and optical limiting properties of hollow gold nanocages. Applied Physics B, 2018, Volume 124, art. no. 17, **@2018** Линк **1.000**

200. Yu, D., Yin, Q., Wang, J., Yang, J., Chen, Z., Gao, Z., Huang, Q., Huang Q., Li, S., Sers-based immunoassay enhanced with silver probe for selective separation and detection of Alzheimer's disease biomarkers, International Journal of Nanomedicine, 2021, Volume 16, Pages 1901-1911, **@2021** Линк **1.000**

201. Gong, T., Das, Ch. M., Yin, M.-J., Lv, T.-R., Singh, N. M., Soehartono, A. M., Singh, G., An, Q.-F., Yong, K.-E., Development of SERS tags for human diseases screening and detection, Coordination Chemistry Reviews, 2022, Volume 470, art. no. 214711, **@2022** Линк **1.000**

13. Stevanovic, D., Pejovic, A., Damljanovic, I.S., Vukicevic, M.D., **Dobrikov, G.**, **Dimitrov, V.**, Denic, M.S., Radulovic, N.S., Vukicevic, R.D. Electrochemical phenylselenoetherification as a key step in the synthesis of (±)-curcumene ether. Helvetica Chimica Acta, 96, 6, Wiley, 2013, ISSN:0018019X, DOI:10.1002/hlca.201200610, 1103-1110. SJR:0.428, ISI IF:1.135

Цитира се в:

202. Šmit, B. M., Simić, Z., Ašanin, D., Pavlović, R. Z.; Electrochemical selenium-initiated cyclization of alkenyl hydantoins. In: Proceedings of the 19th Int. Electron. Conf. Synth. Org. Chem., 1–30 November 2015; Sciforum Electronic Conference Series, Vol. 19, 2015, a059, **@2015** **1.000**

203. de Melo, Diego, Síntese de derivados do bisabolol através de Reações de Heterociclização Intramolecular promovidas por calcogenetos de organoíla, 2017, PhD Thesis, UNIVERSIDADE FEDERAL DE GOIÁS (UFG) - Brasil, cit. on p. 42, **@2017** Линк **1.000**

204. Šmit, B.M., Stanić, P.B., Joksović, L.G., Ašanin, D.P., Simić, Z., Influence of electrochemical conditions on the regio- And stereoselectivity of selenocyclization of alkenyl hydantoins, Journal of the Serbian Chemical Society, 2021, Volume 86, Pages 585-590, **@2021** Линк **1.000**

14. **Dobrikov, G. M.**, Valcheva, V., **Nikolova, Y.**, Ugrinova, I., Pasheva, E., **Dimitrov, V**. Efficient synthesis of new (R)-2-amino-1-butanol derived ureas, thioureas and acylthioureas and in vitro evaluation of their antimycobacterial activity. European Journal of Medicinal Chemistry, 63, Elsevier, 2013, ISSN:02235234, DOI:10.1016/j.ejmech.2013.02.034, 468-473. SJR (Scopus):1.004, JCR-IF (Web of Science):3.781

Цитира се в:

205. Adan, D., Yamin, B., Leng, O.W., Ibrahim, N., Synthesis, Characterization and Antibacterial Study of Tripodal tris-(N-benzoylthioureido)ethylamine, Postgraduate Colloquium: Proceedings of the University Kebangsaan Malaysia, Faculty of Science and Technology, Postgraduate Colloquium, 2014, Volume 1614, Pages 218-223, **@2014** Линк **1.000**

206. Anuta, V., Nitulescu, G.M., Dinu-Pirvu, C.E., Olaru, O.T., Biopharmaceutical profiling of new antitumor pyrazole derivatives, Molecules, 2014, Volume 19, Pages 16381-16401, **@2014** Линк **1.000**

207. Li, S., Li, H., Cao, X., Chen, C., Synthesis and bio-evaluation of novel salicylic acid-oriented thiourea derivatives with potential applications in agriculture, Letters in Drug Design and Discovery, 2014, Volume 11, Pages 98-103, **@2014** Линк **1.000**

208. Maha Lakshmi Naidu Kalaga, Ph.D. Thesis, Design, Synthesis and Biological Activity of Novel Heterocyclic Compounds as Anti-tubercular Agents, Birla Institute of Technology and Science, Pilani, India, **@2015** **1.000**

209. Tatar, E., Küçükgüzel, Ş., Karakuş, S., de Clercq, E., Andrei, G., Snoeck, R., Pannecouque, C., Öktem Okullu, S., Ünübol, N., Kocagöz, T., Kalayci, S., Şahİn, F., Küçükgüzel, I., Synthesis and biological evaluation of some new 1, 3, 4-thiadiazole and 1, 2, 4-triazole derivatives from L-methionine as antituberculosis and antiviral agents, Marmara Pharmaceutical Journal, 2015, Volume 19, Pages 88-102, **@2015** Линк **1.000**

210. Tatar, E., Karakuş, S., Küçükgüzel, S. G., Okullu, S. O., Ünübol, N., Kocagöz, T., De Clercq, E., Andrei, G., Snoeck, R., Pannecouque, C., Kalaycı, S., Şahin, F., Sriram, D., Yogeeswari, P., Küçükgüzel, I. Design, Synthesis, and Molecular Docking Studies of a Conjugated Thiadiazole–Thiourea Scaffold as Antituberculosis Agents, Biological and Pharmaceutical Bulletin, 2016, volume 39, pages 502–515, **@2016** Линк **1.000**

211. Duan, A.-H., Wang, B.-J., Xie, S.-M., Zhang, J.-H., Yuan, L.-M., A chiral, porous, organic cage-based, enantioselective potentiometric sensor for 2-aminobutanol, Chirality, 2017, Volume 29, Pages 172-177, **@2017** Линк **1.000**

212. Ghorab, M.M., El-Gaby, M.S.A., Soliman, A.M., Alsaid, M.S., Abdel-Aziz, M.M., Elaasser, M.M, Synthesis, docking study and biological evaluation of some new thiourea derivatives bearing benzenesulfonamide moiety, Chemistry Central Journal, 2017, 11:42 (12 pages), **@2017** Линк **1.000**

213. Li, B., Zhang, J., Yang, B.-B., Li, L. and Yang, X.-X., Ring-locking strategy facilitating determination of absolute optical purity of 2-amino-1-butanol by reverse-phase high-performance liquid chromatography, RSC Advances, 2017, Volume 7, Pages 45714–45720, **@2017** Линк **1.000**

214. Plutín, A.M., Alvarez, A., Mocelo, R., Ramos, R., Castellano, E.E, da Silva, M.M., Villarreal, W., Pavan, F.R., Meira, C.S., Filho, J.S.R., Moreira, D.R.M., Soares M.B.P., Batista, A.A., Palladium(II)/N, N-disubstituted-N`-acylthioureas complexes as anti-Mycobacterium tuberculosis and anti-Trypanosoma cruzi agents, Polyhedron, 2017, Volume 132, Pages 70-77, **@2017** Линк **1.000**

215. Kumar, V., Patel, S., Jain, R., New structural classes of antituberculosis agents, Medicinal Research Reviews, 2018, Volume 38, Pages 684–740, **@2018** Линк **1.000**

216. Li, Y., Wang, S., Kun, J., Gao, L., Sheng, L, . Zhang, N., Yang, K., Zhao, Y., Li, J., Synthesis and Cell Division Cycle 25B Phosphatase/Protein Tyrosine Phosphatase 1B Inhibitory Activity Evaluation of Novel Acylthiourea Derivatives, Chinese Journal of Organic Chemistry, 2018, Volume 38, Pages 1242-1250, **@2018** Линк **1.000**

217. Smolobochkin, A.V., Gazizov, A.S., Voronina, J.K., Rizbayeva, T.S., Burilov, A.R., Pudovik, M.A., Acid-catalyzed reaction of 1-(2, 2-dimethoxyethyl)ureas with phenols as an effective approach to diarylethanes and dibenzoxanthenes, Arkivoc, 2019, Volume 6, Pages 180-189, **@2019** Линк **1.000**

218. Wang, B.-J., Duan, A.-H., Zhang, J.-H., Xie, S.-M., Cao, Q.-E. and Yuan, L.-M., An Enantioselective Potentiometric Sensor for 2-Amino-1-Butanol Based on Chiral Porous Organic Cage CC3-R, Molecules, 2019, Volume 24, art. no. 420, **@2019** Линк **1.000**

219. Tariq, M. U. Chiral Hypervalent Iodine Mediated Enantioselective Phenol and Naphthol Dearomatisation: A Rapid Access to Oxazoline Based Spirocycles, 2020, University of Huddersfield, cit. 118., **@2020** **1.000**

220. Ahmed, S.K., Haese, N.N., Cowan, J.T., Pathak, V., Moukha-Chafiq, O., Smith, V.J., Rodzinak, K.J., Ahmad, F., Zhang, S., Bonin, K.M., Streblow, A.D., Streblow, C.E., Kreklywich, C. N., Morrison, C., Sarkar, S., Moorman, N., Sander, W., Allen, R., DeFilippis, V., Tekwani, B. L., Wu, M., Hirsch, A. J., Smith, J. L., Tower, N. A., Rasmussen, L., Bostwick, R., Maddry, J. A., Ananthan, S., Gerdes, J. M., Augelli-Szafran, C. E., Suto, M. J., Morrison, T. E., Heise, M. T., Streblow, D. N., Pathak, A. K. Targeting Chikungunya Virus Replication by Benzoannulene Inhibitors, Journal of Medicinal Chemistry, 2021, Volume 64, Pages 4762-4786, **@2021** Линк **1.000**

221. Kholodniak, O. V. , N-(R-carbamothioyl)cycloalkylcarboxamides: synthesis, modification, physicochemical and biological properties, PhD Thesis, Zaporizhzhia State Medical University, Zaporizhzhia, Ukraine, 2021, **@2021** Линк **1.000**

222. Li, J.-H., Wang, Y., Wu, Y.-P., Li, R.-H., Liang, S., Zhang, J., Zhu, Y.-G., Xie, B.-J., Synthesis, herbicidal activity study and molecular docking of novel pyrimidine thiourea, Pesticide Biochemistry and Physiology, 2021, Volume 172, art. no. 104766, **@2021** Линк **1.000**

223. Li, J.H., Li, R.H., Wang, Y., Li, S.X., Wu, Y.P., Zhang, J., Zhu, Y.G., Xie, B.J., Synthesis, herbicidal activity, enzyme activity, and molecular docking of novel aniline thiourea, Phosphorus, Sulfur and Silicon and the Related Elements, 2021, Volume 196, Pages 664-671, **@2021** Линк **1.000**

224. Szulczyk, D., Bielenica, A., Roszkowski, P., Dobrowolski, M.A., Olejarz, W., Kmiecik, S., Podsiad, M., Struga M., Synthetic transition from thiourea-based compounds to tetrazole derivatives: Structure and biological evaluation of synthesized new n-(furan-2-ylmethyl)-1h-tetrazol-5-amine derivatives, Molecules, 2021, Volume 26, art. no. 323, **@2021** Линк **1.000**

225. Холодняк, О. В., PhD Thesis, N-(R-карбамотіоіл) циклоалкілкарбоксаміди: синтез, модифікація, фізико-хімічні та біологічні властивості, Запорізький державний медичний університет, 2021, cit 49., **@2021** **1.000**

226. Jiang, B., Chai, Y., He, X., Wang, Y., Chen, B., Li, Y., Li, R., Synthesis, herbicidal activity study, and molecular docking of novel acylthiourea derivatives, Phosphorus, Sulfur, and Silicon and the Related Elements, 2022, Volume 197, Pages 1142-1149, **@2022** Линк **1.000**

227. Kholodniak, O.V., Kovalenko, S., Substituted acyl thioureas and acyl thiosemicarbazides: Synthesis and biological activity (minireview), ScienceRise: Pharmaceutical Science, 2022, Volume 2, Pages 56-71, **@2022** Линк **1.000**

228. Mahadevaiah, R., Haraluru, L.S., Eshwaraiah, L.H.K. Combustion Synthesis of Nano Fe2O3 and its Utilization as a Catalyst for the Synthesis of Nα-Protected Acyl Thioureas and Study of Anti-bacterial Activities, Acta Chimica Slovenica, 2022, Volume 69, Pages 116-124, **@2022** Линк **1.000**

2014

15. **Slavchev, I.**, **Dobrikov, G. M.**, Valcheva, V., Ugrinova, I., Pasheva, E., **Dimitrov, V**. Antimycobacterial activity generated by the amide coupling of (-)-fenchone derived aminoalcohol with cinnamic acids and analogues. Bioorganic and Medicinal

Chemistry Letters, 24, 21, Elsevier, 2014, ISSN:0960894X, DOI:10.1016/j.bmcl.2014.09.021, 5030-5033. SJR (Scopus):0.942, JCR-IF (Web of Science):2.42

Цитира се в:

229. Guzman J.D., Natural cinnamic acids, synthetic derivatives and hybrids with antimicrobial activity, Molecules, 2014, Volume 19, Pages 19292-19349, **@2014** Линк **1.000**

230. Nuutinen, T., Medicinal properties of terpenes found in Cannabis sativa and Humulus lupulus, European Journal of Medicinal Chemistry, 2018, Volume 157, Pages 198-228, **@2018** Линк **1.000**

231. Gaikwad, N., Nanduri, S., Madhavi, Y.V., Cinnamamide: An insight into the pharmacological advances and structureeactivity relationships, European Journal of Medicinal Chemistry, 209, Volume 181, art. no. 111561, **@2019** Линк **1.000**

232. de Souza Pessoa, M.L., Silva, L.M.O., Araruna, M.E.C., de Lima Serafim, C.A., Júnior, E.B.A., Silva, A.O., Pessoa, M.M.B., Neto, H.D., de Oliveira Lima, E., Batista, L.M., Antifungal activity and antidiarrheal activity via antimotility mechanisms of (-)-fenchone in experimental models, World Journal of Gastroenterology, 2020, Volume 26, Pages 6795-6809, **@2020** Линк **1.000**

233. Harikandei, K.B., Salehi, P., Ebrahimi, S.N., Bararjanian, M., Kaiser, M., Al-Harrasi, A., Synthesis, in-vitro antiprotozoal activity and molecular docking study of isothiocyanate derivatives, Bioorganic & Medicinal Chemistry, 2020, Volume 28, art. no. 115185, **@2020** Линк **1.000**

234. Maria Elaine Cristina Araruna, Ph.D. Thesis, Atividade antiulcerogênica e anti-inflamatória intestinal do isômero (-)-fenchona em modelos animais, Universidade federal da Paraíba, Centro de ciências da saúde, Paraiba, Brazil, **@2022** Линк **1.000**

235. Bashir, A., Mushtaq, M.N., Younis, W., Anjum, I., Fenchone, a monoterpene: Toxicity and diuretic profiling in rats, Frontiers in Pharmacology, 2023, Volume 14, art. no. 1119360, **@2023** **1.000**

16. **Dobrikov, G. M.**, Valcheva, V., **Nikolova, Y.**, Ugrinova, I., Pasheva, E., **Dimitrov, V**. Enantiopure antituberculosis candidates synthesized from (-)-fenchone. European Journal of Medicinal Chemistry, 77, Elsevier, 2014, ISSN:02235234, DOI:10.1016/j.ejmech.2014.03.025, 243-247. SJR (Scopus):1.079, JCR-IF (Web of Science):3.781

Цитира се в:

236. Sokolova, A.S., Yarovaya, O.I., Shernyukov, A.V., Gatilov, Y.V., Razumova, Y.V., Zarubaev, V.V., Tretiak, T.S., Pokrovsky, A.G., Kiselev, O.I., Salakhutdinov, N.F., Discovery of a new class of antiviral compounds: Camphor imine derivatives, European Journal of Medicinal Chemistry, 2015, Volume 105, Pages 263-273, **@2015** Линк **1.000**

237. Zeng, H. , Chen, X., Liang, J., In vitro antifungal activity and mechanism of essential oil from fennel (Foeniculum vulgare L.) on dermatophyte species, Journal of Medical Microbiology, 2015, Volume 64, Pages 93-103, **@2015** Линк **1.000**

238. Dorsz, M., Kleniewska, K., Wojaczyńska, E., Monoimines derived from (1R, 2R)-1, 2-diaminocyclohexane in aza-Diels-Alder reaction: synthesis and characterization of sulfur derivatives based on the 2-azanorbornyl skeleton, Phosphorus, Sulfur, and Silicon and the Related Elements, 2016, Volume 191, Pages 279-282, **@2016** Линк **1.000**

239. Duan, A.-H., Wang, B.-J., Xie, S.-M., Zhang, J.-H., Yuan, L.-M., A chiral, porous, organic cage-based, enantioselective potentiometric sensor for 2-aminobutanol, Chirality, 2017, Volume 29, Pages 172-177, **@2017** Линк **1.000**

240. Salakhutdinov, N.F., Volcho, K.P., Yarovaya, O.I., Monoterpenes as a renewable source of biologically active compounds, Pure and Applied Chemistry, 2017, Volume 89, Pages 1105–1117, **@2017** Линк **1.000**

241. Mafakheri, H., Mirghazanfari, S.M., Antifungal activity of the essential oils of some medicinal plants against human and plant fungal pathogens, Cellular and Molecular Biology, 2018, Volume 64, Pages 13-19, **@2018** Линк **1.000**

242. Nuutinen, T., Medicinal properties of terpenes found in Cannabis sativa and Humulus lupulus, European Journal of Medicinal Chemistry, 2018, Volume 157, Pages 198-228, **@2018** Линк **1.000**

243. Rhéltheer de Paula Martins, Ph.D. Thesis, Caracterização química e avaliação da atividade antimicrobiana de óleos essenciais de Lavandula dentata L., Universidade Federal do Triângulo Mineiro, Uberaba, Brasil, **@2018** Линк **1.000**

244. Artyushin, O.I., Moiseeva, A.A, Zarubaev, V.V., Slita, A.V., Galochkina, A.V., Muryleva, A.A., Borisevich, S.S., Yarovaya, O.I., Salakhutdinov, N.F., Brel, V.K., Synthesis of Camphecene and Cytisine Conjugates Using Click Chemistry Methodology and Study of Their Antiviral Activity, Chemistry & Biodiversity, 2019, Volume 16, art. no. e1900340, **@2019** Линк **1.000**

245. Gaikwad, N., Nanduri, S., Madhavi, Y.V., Cinnamamide: An insight into the pharmacological advances and structureeactivity relationships, European Journal of Medicinal Chemistry, 2019, Volume 181, art. no. 111561, **@2019** Линк **1.000**

246. Souza, M. R., Coelho, N. P., Baldin, V. P., Scodro, R. B., Cardoso, R. F., da Silva, C. C., Vandresen, F., Synthesis of novel (-)-Camphene-based thiosemicarbazones and evaluation of anti-Mycobacterium tuberculosis activity, Natural Product Research, 2019, Volume 33, Pages 3372-3377, **@2019** Линк **1.000**

247. Wang, B.-J., Duan, A.-H., Zhang, J.-H., Xie, S.-M., Cao, Q.-E. and Yuan, L.-M., An Enantioselective Potentiometric Sensor for 2-Amino-1-Butanol Based on Chiral Porous Organic Cage CC3-R, Molecules, 2019, Volume 24, art. no. 420, **@2019** Линк **1.000**

248. Barakat, H., Alkabeer, I.A., Aljutaily, T., Almujaydil, M.S., Algheshairy, R.M., Alhomaid, R.M., Almutairi, A.S., Mohamed, A., Phenolics and Volatile Compounds of Fennel (Foeniculum vulgare) Seeds and Their Sprouts Prevent Oxidative DNA Damage and Ameliorates CCl4-Induced Hepatotoxicity and Oxidative Stress in Rats, Antioxidants, 2022, Volume 11, art. no. 2318, **@2022** Линк **1.000**

249. Barakat, H., Alkabeer, I.A., Althwab, S.A., Alfheeaid, H. A.; Alhomaid, R. M., Almujaydil, M. S., Almuziree, R. S. A., Bushnaq, T., Mohamed, A., Nephroprotective Effect of Fennel (Foeniculum vulgare) Seeds and Their Sprouts on CCl4-Induced Nephrotoxicity and Oxidative Stress in Rats, Antioxidants, 2023, Volume 12, art. no. 325, **@2023** Линк **1.000**

250. Deng, H., Xu, Q., Guo, H. Y., Huang, X., Chen, F., Jin, L., Quan, Z. S., Shen, Q. K., Application of cinnamic acid in the structural modification of natural products: A review, Phytochemistry, 2023, Volume 206, art. no. 113532, **@2023** Линк **1.000**

2015

17. **Hristova, S.**, **Dobrikov, G.**, Kamounah, F. S., Kawauchi, S., Hansen, P. E., **Deneva, V.**, **Nedeltcheva, D.**, **Antonov, L**. 10-hydroxybenzo[h]quinoline: Switching between single and double-well proton transfer through structural modifications. RSC Advances, 5, RSC, 2015, ISSN:2046-2069, DOI:10.1039/C5RA20057A, 102495-102507. SJR (Scopus):0.947, JCR-IF (Web of Science):3.84

Цитира се в:

251. Chansen W., Salaeh R., Prommin Ch., Kerdpol Kh., Daengngern R., Kungwan, N., Theoretical study on influence of geometry controlling over the excitedstate intramolecular proton transfer of 10-hydroxybenzo[h]quinoline and its derivatives, Computational and Theoretical Chemistry, 2017, Volume 1113, Pages 42-51, **@2017** Линк **1.000**

252. Madhumitha Balasubramanian, Ph.D. thesis, Studying Ultrafast Vibrational dynamics of Intramolecular Hydrogen Bonds using Broadband Infrared Pump-Probe Spectroscopy, University of Washington, USA, **@2018** Линк **1.000**

253. Maity, S., Ray, S.S, Chatterjee, A., Chakraborty, N., and Ganguly, J., Sugar-Based Self-Assembly of Hydrogel Nanotubes Manifesting ESIPT: Theoretical Insight and Application in Live Cell Imaging, Chemistry Select, 2018, Volume 3, Pages 6575–6580, **@2018** Линк **1.000**

254. Suzuki, N., Suda, K., Yokogawa, D., Kitoh-Nishioka, H., Irle, S., Ando, A., Abegão, L.M.G., Kamada, K., Fukazawa, A., Yamaguchi, S., Near infrared two-photon-excited and -emissive dyes based on a strapped excited-state intramolecular proton-transfer (ESIPT) scaffold, Chemical Science, 2018, Volume 9, Pages 2666–2673, **@2018** Линк **1.000**

255. He, Y., Li, Ch., Jia, X., Ma, Q., Liu, Y., Liu, Y., Yang, Y., A theoretical study on the effect of cyano group on the proton transfer process of 10-hydroxybenzo[h]quinoline, Journal of Luminescence, 2019, Volume 209, Pages 295-301, **@2019** Линк **1.000**

256. Yu, X-F., Sun, X-Y., Xiao, B., Liu, J-B., Cheng, J., Yang, X., Li, W-Z., Li, Q-Z., Screening NIR fluorescent sensor based on HBQ derivatives: A theoretical study, Journal of Photochemistry & Photobiology A: Chemistry, 2019, Volume 383, Page 111989 (8 pages), **@2019** Линк **1.000**

257. Yu, X-F., Xiao, B., Cheng, J., Liu, J-B., Yang, X., Li, Q., Theoretical Design of Near-Infrared Fluorescent Sensor for F Anion Detection Based on 10-Hydroxybenzo[h]quinoline Backbone, ACS Omega, 2019, Volume 4, Pages 10516−10523, **@2019** Линк **1.000**

258. Fang, H., A theoretical study on water-assisted excited state double proton transfer process in substituted 2, 7-diazaindole-H2O complex, Theoretical Chemistry Accounts, 2020, Volume 139, art. no. 139, **@2020** Линк **1.000**

259. Ni, M., Su, S., Fang, H., Substituent control of photophysical properties for excited-state intramolecular proton transfer (ESIPT) of o-LHBDI derivatives: a TD-DFT investigation, Journal of Molecular Modeling, 2020, Volume 26, art. no. 108 (10 pages), **@2020** Линк **1.000**

260. Yang, Y., Liu, Y., Zhai, H., Jia, X., He, Y., Ma, Q., Zhang, R., Liu, Y., Jiang, K., Fluorescent behaviors and reaction mechanism of 10-hydroxybenzo[h]quinolone on the detection of phenylboronic acid, Journal of Luminescence, 2020, Volume 223, art. no. 117224 (6 pages), **@2020** Линк **1.000**

261. Loe, C.M., Liekhus-Schmaltz, C., Govind, N., Khalil, M., Spectral Signatures of Ultrafast Excited-State Intramolecular Proton Transfer from Computational Multi-edge Transient X-ray Absorption Spectroscopy, Journal of Physical Chemistry Letters, 2021, Volume 12, Pages 9840-9847., **@2021** Линк **1.000**

262. Qureshi, H. A. Reinforcing strong coupling with hybrid microcavities for polariton chemistry application (2021) University of Jyväskylä, Finland., **@2021** Линк **1.000**

263. Savenko, E.S., Kostjukov, V.V., Coumarin 314 excitation in aqueous media: contributions of vibronic coupling and hydration, Journal of Photochemistry and Photobiology A: Chemistry, 2022, Volume 430, art. no. 113965, **@2022** Линк **1.000**

264. Somasundaram S., Balusamy S. R., Perumalsamy H., Ranjan A., Abbas Q., Irfan N., Shunmugam R., Park S., Structural modifications and biomedical applications of π extended, π-fused, and non-fused tetra-substituted imidazole derivatives, Arabian Journal of Chemistry (2023), 105030., **@2023** Линк **1.000**

18. Stoyanova, A., Nikolova, I., Puerstinger, G., **Dobrikov, G.**, **Dimitrov, V.**, **Philipov, S.**, Galabov, A. S. Anti-enteroviral triple combination of viral replication inhibitors: activity against coxsackievirus B1 neuroinfection in mice. Antiviral Chemistry and Chemotherapy, 24, 5-6, SAGE, 2015, ISSN:0956-3202, DOI:10.1177/2040206616671571, 136-147. SJR (Scopus):0.591, JCR-IF (Web of Science):1.89

Цитира се в:

265. Agol, V.I., Gmyl, A.P., Emergency Services of Viral RNAs: Repair and Remodeling, Microbiology and Molecular Biology Reviews, 2018, Volume 82, art. no. e00067 (42 Pages), **@2018** Линк **1.000**

266. Anasir, M.I., Zarif, F., Poh, C.L., Antivirals blocking entry of enteroviruses and therapeutic potential, Journal of Biomedical Science, 2021, Volume 28, 10, **@2021** Линк **1.000**

267. Wang, L.-C., Tsai, H.-P., Chen, Sh.-H., Wang, Sh.-M., Therapeutics for fulminant hepatitis caused by enteroviruses in neonates, Frontiers in Pharmacology, 2022, Volume 13, art. no. 1014823, **@2022** Линк **1.000**

268. Abeywickrema, M., Kelly, D., Kadambari, S., Management of neonatal central nervous system viral infections: Knowledge gaps and research priorities, Reviews in Medical Virology, 2023, Volume 33, art. no. e2421, **@2023** Линк **1.000**

2016

19. **Kamenova-Nacheva, M.**, **Dobrikov, G. M.**, **Dimitrov, V**. Synthesis and catalytic application of ferrocene substituted camphane-based aminoalcohols and S-containing heterocyclic analogues. Tetrahedron: Asymmetry, 27, Elsevier, 2016, DOI:10.1016/j.tetasy.2016.07.012, 852-864. SJR (Scopus):0.754, JCR-IF (Web of Science):2.108

Цитира се в:

269. Kuwabara, K., Maekawa, Y., Minoura, M., Murai, T., Hydrolysis of Phosphonothioates with a Binaphthyl Group: P-Stereogenic O-Binaphthyl Phosphonothioic Acids and Their Use as Optically Active Ligands and Chiral Discriminating Agents, Organic Letters, 2018, Volume 20, Pages 1375-1379, **@2018** Линк **1.000**

270. Cunningham, L., Benson, A., and Guiry, P.J., Recent developments in the synthesis and applications of chiral ferrocene ligands and organocatalysts in asymmetric catalysis, Organic & Biomolecular Chemistry, 2020, Volume 18, Pages 9329-9370, **@2020** Линк **1.000**

2017

20. Arita, M., **Dobrikov, G.**, Pürstinger, G., Galabov, A.S. Allosteric Regulation of Phosphatidylinositol 4-Kinase III Beta by an Antipicornavirus Compound MDL-860. ACS Infectious Diseases, 3, 8, ACS Publications, 2017, ISSN:2373-8227, DOI:10.1021/acsinfecdis.7b00053, 585-594. SJR (Scopus):1.618, JCR-IF (Web of Science):3.6

Цитира се в:

271. Baggen, J., Thibaut, H.J., Strating, J.R.P.M. and van Kuppeveld, F.J.M., The life cycle of non-polio enteroviruses and how to target it, Nature Reviews Microbiology, 2018, Volume 16, Pages 368-381, **@2018** Линк **1.000**

272. Waugh, M.G., The Great Escape: how phosphatidylinositol 4-kinases and PI4P promote vesicle exit from the Golgi (and drive cancer), Biochemical Journal, 2019, Volume 476, Pages 2321–2346, **@2019** Линк **1.000**

273. Abdeldayem, A., Raouf, Y.S., Constantinescu, S.N., Moriggl, R., Gunning, P.T., Advances in covalent kinase inhibitors, Chemical Society Reviews, 2020, Volume 49, Pages 2617-2687, **@2020** Линк **1.000**

274. Laajala, M., Reshamwala, D., Marjomäki, V., Therapeutic targets for enterovirus infections, Expert Opinion on Therapeutic Targets, 2020, Volume 24, Pages 745-757, **@2020** Линк **1.000**

275. Li, X., Wang, M., Cheng, A., Wen, X., Ou, X., Mao, S., Gao, Q., Sun, D., Jia, R., Yang, Q., Wu, Y., Zhu, D., Zhao, X., Chen, S., Liu, M., Zhang, S., Liu, Y., Yu, Y., Zhang, L., Tian, B., Pan, L., Chen, X., Enterovirus Replication Organelles and Inhibitors of Their Formation, Frontiers in Microbiology, 2020, Volume 11, Article number 1817 (14 pages), **@2020** Линк **1.000**

276. Liu, R., Markley, L., Miller, P.A., Franzblau, S., Sheye, G., Ma, R., Savková, K., Mikušová, K., Lee, B.S., Pethe, K., Moraski, G.C., and Miller, M. J., Hydride-induced Meisenheimer complex formation reflects activity of nitro aromatic antituberculosis compounds, RSC Medicinal Chemistry, 2021, Volume 12, Pages 62-72, **@2021** Линк **1.000**

277. Shi, L.., Tan, X., Liu, X., Yu, J., Bota-Rabassedas, N., Niu, Y. , Luo, J., Xi, Y., Zong, C., Creighton C.J., Glenn, J.S., Wang, J., Addiction to Golgi-resident PI4P synthesis in chromosome 1q21.3-amplified lung adenocarcinoma cells, Proceedings of the National Academy of Sciences of the United States of America, 2021, Volume 118, art. no. e2023537118, **@2021** Линк **1.000**

278. Wang, J., Hu, Y., Zheng, M., Enterovirus A71 antivirals: Past, present, and future, Acta Pharmaceutica Sinica B, 2022, Volume 12, Pages 1542-1566, **@2022** Линк **1.000**

279. Tammaro, C., Guida, M., Appetecchia, F., Biava, M., Consalvi, S., Poce, G., Direct-Acting Antivirals and Host-Targeting Approaches against Enterovirus B Infections: Recent Advances, Pharmaceuticals, 2023, Volume 16, art. no. 203, **@2023** Линк **1.000**

21. **Kamenova-Nacheva, M.**, Schroder, M., Pasheva, E., **Slavchev, I.**, **Dimitrov, V.**, Momekov, G., Nikolova, R., Shivachev, B., Ugrinova, I., **Dobrikov, G. M**. Synthesis of ferrocenylmethylidene and arylidene substituted camphane based compounds as potential anticancer agents. New Journal of Chemistry, 41, 17, The Royal Society of Chemistry's, 2017, ISSN:1369-9261, DOI:10.1039/c7nj00619e, 9103-9112. SJR (Scopus):0.864, JCR-IF (Web of Science):3.269

Цитира се в:

280. Doğan, I.S., Sellitepe, H.E., Kahveci, B., Investigation of Reaction of Some Ester Ethoxycarbonyl Hydrazones with 1-Adamantyl Amine, Hacettepe Journal of Biology and Chemistry, 2019, Volume 47, Pages 203-208, **@2019** Линк **1.000**

281. Pokhodylo, N.T., Shyyka, O.Y., Slyvka, Y.I., Goreshnik, E.A., Obushak, M.D., Solvent-free synthesis of cytisine-thienopyrimidinone conjugates via transannulation of 1H-tetrazoles: Crystal and molecular structure, docking studies and screening for anticancer activity, Journal of Molecular Structure, 2021, Volume 1240, art. no. 130487, **@2021** Линк **1.000**

22. **Dobrikov, G. M.**, **Slavchev, I.**, Nikolova, I., Stoyanova, A., Nikolova, N., Mukova, L., Nikolova, R., Shivachev, B., Galabov, A. S. Synthesis and anti-enterovirus activity of new analogues of MDL-860. Bioorganic & Medicinal Chemistry Letters, 27, 19, Elsevier, 2017, ISSN:0960-894X, DOI:10.1016/j.bmcl.2017.08.056, 4540-4543. SJR (Scopus):0.81, JCR-IF (Web of Science):2.454

Цитира се в:

282. U. Dighe, S., Juliá, F., Luridiana, A., Douglas, J.J., Leonori, D., A photochemical dehydrogenative strategy for aniline synthesis, Nature, 2020, Volume 584, Pages 75-81, **@2020** Линк **1.000**

283. Pokhodylo, N.T., Shyyka, O.Y., Slyvka, Y.I., Goreshnik, E.A., Obushak, M.D., Solvent-free synthesis of cytisine-thienopyrimidinone conjugates via transannulation of 1H-tetrazoles: Crystal and molecular structure, docking studies and screening for anticancer activity, Journal of Molecular Structure, 2021, Volume 1240, art. no. 130487, **@2021** Линк **1.000**

284. Sánchez-Velasco, O.A., Saavedra-Olavarría, J., Araya-Santelices, D.A.A., Hermosilla-Ibáñez P., Cassels B.K., Pérez E.G., Synthesis ofN-Arylcytisine Derivatives Using the Copper-Catalyzed Chan-Lam Coupling, Journal of Natural Products, 2021, Volume 84, Pages 1985-1992, **@2021** Линк **1.000**

285. Tammaro, C., Guida, M., Appetecchia, F., Biava, M., Consalvi, S., Poce, G., Direct-Acting Antivirals and Host-Targeting Approaches against Enterovirus B Infections: Recent Advances, Pharmaceuticals, 2023, Volume 16, art. no. 203, **@2023** Линк **1.000**

2019

23. Schröder, M., Yusein-Myashkova, S., Petrova, M., **Dobrikov, G.**, **Kamenova-Nacheva, M.**, Todorova, J., Pasheva, E., Ugrinova, I. The Effect of a Ferrocene Containing Camphor Sulfonamide DK-164 on Breast Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 19, 15, Bentham Science Publishers, 2019, DOI:10.2174/1871520619666190724094334, 1874-1886. SJR (Scopus):0.543, JCR-IF (Web of Science):2.18

Цитира се в:

286. Liu, Y., He, Y., Wang, F., Xu, R., Yang, M., Ci, Z., Wu, Z., Zhang, D., Lin, J., From longevity grass to contemporary soft gold: Explore the chemical constituents, pharmacology, and toxicology of Artemisia argyi H.Lév. & vaniot essential oil, Journal of Ethnopharmacology, 2021, Volume 279, art. no. 114404, **@2021** Линк **1.000**

287. Sharma, N., Gulati, A., Pb2+ sensing by coumarin sulphonamide hybrids in aqueous medium, Luminescence, 2021, Volume, 36, Pages 1172-1180, **@2021** Линк **1.000**

288. Wen, M., Erb, W., Mongin, F., Halauko, Y. S., Ivashkevich, O. A., Matulis, V.E., Roisnel, T., Dorcet, V., Functionalization of N, N-Dialkylferrocenesulfonamides toward Substituted Derivatives, Organometallics, 2021, Volume, 40, Pages 1129–1147, **@2021** Линк **1.000**

289. Calvo-Martín, G., Plano, D., Martínez-Sáez, N., Aydillo, C., Moreno, E., Espuelas, S., Sanmartín, C., Norbornene and Related Structures as Scaffolds in the Search for New Cancer treatments, Pharmaceuticals, 2022, Volume 15, art. no. 1465, **@2022** Линк **1.000**

290. Gazioglu, I., Zengin, O.S., Akyildiz, A. G., Kurt, B. Z., Fungal biotransformation of carvone and camphor by Aspergillus flavus and investigation of cytotoxic activities of naturally obtained essential oils, Natural Product Research, 2023, Volume 37, Pages 944-955, **@2023** Линк **1.000**

24. **Deneva, V.**, **Dobrikov, G.**, Crochet, A., **Nedeltcheva, D.**, Fromm, K.M., **Antonov, L**. Tautomerism as primary signaling mechanism in metal sensing: the case of amide group. Beilstein Journal of Organic Chemistry, 15, Beilstein, 2019, DOI:10.3762/bjoc.15.185, 1898-1906. SJR (Scopus):0.714, JCR-IF (Web of Science):2.595

Цитира се в:

291. Fantini, R., Vezzalini, G., Zambon, A., Ferrari, E., Di Renzo, F., Fabbiani, M., Arletti, R. Boosting sunscreen stability: New hybrid materials from UV filters encapsulation, Microporous and Mesoporous Materials, 2021, Volume 328, art. no. 111478, **@2021** Линк **1.000**

292. Parisi, E., Centore, R., Stabilization of an elusive tautomer by metal coordination, Acta Crystallographica Section C: Structural Chemistry, 2021, Volume 77, Pages 395-401, **@2021** Линк **1.000**

293. Parisi, E., Landi, A., Fusco, S., Manfredi, C., Peluso, A., Wahler, S., Klapötke, T.M., Centore, R., High-Energy-Density Materials: An Amphoteric N-Rich Bis(triazole) and Salts of Its Cationic and Anionic Species, Inorganic Chemistry, 2021, Volume 60, Pages 16213-16222, **@2021** Линк **1.000**

294. Zandi H., Structural and Electronic Analysis of Tautomerism in 5, 6-Difluor-2, 4(1H, 3H)-Pyrimidindion, Advanced Journal of Science and Engineering, 2022, Volume 3, Pages 1–6, **@2022** Линк **1.000**

295. Murray B., Reactions of Aldehydes and Ketones and Their Derivatives, Book Series:Organic Reaction Mechanisms Series (2023) Chapter 1., **@2023** Линк **1.000**

25. Nikolova, I., **Slavchev, I.**, **Ravutsov, M.**, **Dangalov, M.**, **Nikolova, Y.**, **Zagranyarska, I.**, Stoyanova, A., Nikolova, N., Mukova, L., Grozdanov, P., Nikolova, R., Shivachev, B., Kuz'min, V. E., Ognichenko, L. N., Galabov, A. S., **Dobrikov, G. M**. Anti-enteroviral activity of new MDL-860 analogues: Synthesis, in vitro/in vivo studies and QSAR analysis. Bioorganic Chemistry, 85, Elsevier, 2019, ISSN:0045-2068, DOI:10.1016/j.bioorg.2019.02.020, 487-497. SJR (Scopus):0.819, JCR-IF (Web of Science):3.929

Цитира се в:

296. Guseinov, F.I., Pistsov, M.F., Malinnikov, V.M., Movsumzade, E.M., Kustov, L.M., Recyclization of diethoxymethyl substituted benzimidazo-fused thiazolium salts, Mendeleev Communications, 2020, 30, 674-675, **@2020** Линк **1.000**

297. Hwu, J.R., Panja, A., Jayakumar, S., Tsay, S.-C., Tan, K.-T., Huang, W.-C., Hu, Y.-C., Leyssen, P., Neyts, J., Enterovirus Inhibition by Hinged Aromatic Compounds with Polynuclei, Molecules, 2020, 25, Article number 3821 (23 pages), **@2020** Линк **1.000**

298. Kovačević, S., Banjac, M.K., Podunavac-Kuzmanović, S., Jevrić, L., Contemporary applications of computational modeling approaches in analysis of antimicrobial compounds of potential biomedical significance, Advances in Chemistry Research, 2021, Volume 70, Pages 209-239 (book chapter), **@2021** **1.000**

299. Liu, R., Markley, L., Miller, P.A., Franzblau, S., Sheye, G., Ma, R., Savková, K., Mikušová, K., Lee, B.S., Pethe, K., Moraski, G.C., and Miller, M. J., Hydride-induced Meisenheimer complex formation reflects activity of nitro aromatic antituberculosis compounds, RSC Medicinal Chemistry, 2021, Volume 12, Pages 62-72, **@2021** Линк **1.000**

300. Slyvka, N., Saliyeva, L., Holota, S., Tkachuk, V., Vaskevych, A., Vaskevych, R., Vovk, M., Convenient Synthesis of 4-pyridinyloxy-Modified imidazo[2, 1-b][1, 3]thiazines as Potential Anti-inflammatory Agents, Biointerface Research in Applied Chemistry, 2023, Volume 13, art. no. 183, **@2023** Линк **1.000**

301. Tammaro, C., Guida, M., Appetecchia, F., Biava, M., Consalvi, S., Poce, G., Direct-Acting Antivirals and Host-Targeting Approaches against Enterovirus B Infections: Recent Advances, Pharmaceuticals, 2023, Volume 16, art. no. 203, **@2023** Линк **1.000**

2021

26. **Nikolova, Y.**, **Dobrikov, G. M.**, **Petkova, Zh.**, **Shestakova, P**. Chiral Aminoalcohols and Squaric Acid Amides as Ligands for Asymmetric Borane Reduction of Ketones: Insight to In Situ Formed Catalytic System by DOSY and Multinuclear NMR Experiments. Molecules, 26, MDPI, 2021, DOI:10.3390/molecules26226865, 6865-(19 pages). SJR (Scopus):0.782, JCR-IF (Web of Science):4.412

Цитира се в:

302. González-Rodríguez, J., Albarrán-Velo, J., Soengas, R.G., Lavandera, I., Gotor-Fernández, V., Rodríguez-Solla, H. Synthesis of Optically Active syn- and anti-Chlorohydrins through a Bienzymatic Reductive Cascade, Organic Letters, 2022, Volume 24, Pages 7082-7087, **@2022** Линк **1.000**

303. Tremblay, T., Bergeron, C., Gagnon, D., Bérubé, C., Voyer, N., Richard, D., Giguère, D., Squaramide Tethered Clindamycin, Chloroquine, and Mortiamide Hybrids: Design, Synthesis, and Antimalarial Activity, ACS Medicinal Chemistry Letters, 2023, Volume 14, Pages 217-222, **@2023** Линк **1.000**

27. **Ravutsov, M.**, **Dobrikov, G. M.**, **Dangalov, M**, Nikolova, R., **Dimitrov, V.**, Mazzeo, G., Longhi, G., Abbate, S., Paoloni, L., Fusè, M., Barone, V. 1,2-Disubstituted Planar Chiral Ferrocene Derivatives from Sulfonamide-Directed ortho-Lithiation: Synthesis, Absolute Configuration, and Chiroptical Properties. Organometallics, 40, 5, American Chemical Society, 2021, ISSN:0276-7333 (print); 1520-6041 (web), DOI:10.1021/acs.organomet.0c00712, 578-590. SJR (Scopus):1.231, JCR-IF (Web of Science):3.876

Цитира се в:

304. Casado, C.M., Alonso, B., García-Armada, P. Ferrocenes and Other Sandwich Complexes of Iron. In: Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, Elsevier (2021), **@2021** Линк **1.000**
305. Erb, W., Wen, M., Roisnel, T., Mongin, F., Synthesis of Ferrocenesulfonyl Chloride: Key Intermediate toward Ferrocenesulfonamides, Synthesis, 2021, Volume 52, Pages 2612-2620, **@2021** Линк **1.000**
306. Gais, H.-J., Sulfoximine-Directed Arene ortho-Lithiation, European Journal of Organic Chemistry, 2021, Pages 6229-6246, **@2021** Линк **1.000**
307. Wen, M., Erb, W., Mongin, F., Halauko, Y. S., Ivashkevich, O. A., Matulis, V.E., Roisnel, T., Dorcet, V., Functionalization of N, N-Dialkylferrocenesulfonamides toward Substituted Derivatives, Organometallics, 2021, Volume 40, Pages 1129–1147, **@2021** Линк **1.000**
308. Dessì, A., Sechi, B., Dallocchio, R., Chankvetadze, B., Pérez-Baeza, M., Cossu, S., Mamane, V., Pale, P., Peluso, P., Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases, Chirality, 2022, Volume 34, Pages 609-619, **@2022** Линк **1.000**
309. Mou, Q., Zhao, R., Sun, B., Recent Advances in Transition-Metal-Catalyzed C−H Functionalization of Ferrocene Amides, Chemistry—An Asian Journal, 2022, Volume 17, art. no. e202200818, **@2022** Линк **1.000**
310. Sánchez Vergara, M. E., Toledo Dircio, E., Zubillaga Serrano, R. I. , Deposition and Characterization of Heterostructures Based on Doped Ferrocene for Film-Device Applications, Coatings, 2022, Volume 12, art. no. 1859, **@2022** Линк **1.000**
311. Shekurov, R. P., Zagidullin, A. A., Khrizanforov, M. N., Islamov, D. R., Gerasimova, T. P., Akhmatkhanova, F. F., Miluykov, V. A., Ferrocene-based P-chiral amidophosphinate: stereoselective synthesis and X-ray structural study, Dalton Transactions, 2022, Volume 51, pages 18603-18609, **@2022** Линк **1.000**
312. Peluso, P., Mamane, V., Ferrocene derivatives with planar chirality and their enantioseparation by liquid-phase techniques, Electrophoresis, 2023, Volume 44, Pages 158-189, **@2023** Линк **1.000**
313. Zhu, H., Wang, Y., Nafie, L. A., Computational methods and points for attention in absolute configuration determination, Front. Nat. Produc., 2023, Volume 1, art. no. 1086897, **@2023** Линк **1.000**

2022

28. Schröder, M., Petrova, M., Vlahova, Z., **Dobrikov, G. M.**, **Slavchev, I.**, Pasheva, E., Ugrinova, I. In Vitro Anticancer Activity of Two Ferrocene-Containing Camphor Sulfonamides as Promising Agents against Lung Cancer Cells. Biomedicines, 10, MDPI, 2022, ISSN:2227-9059, DOI:10.3390/biomedicines10061353, 1353. SJR (Scopus):0.87, JCR-IF (Web of Science):4.757

Цитира се в:

314. Calvo-Martín, G., Plano, D., Martínez-Sáez, N., Aydillo, C., Moreno, E., Espuelas, S., Sanmartín, C., Norbornene and Related Structures as Scaffolds in the Search for New Cancer Treatments, Pharmaceuticals, 2022, Volume 15, art. no. 1465, **@2022** Линк **1.000**