Списък с публикациите на гл. ас. Явор Митрев

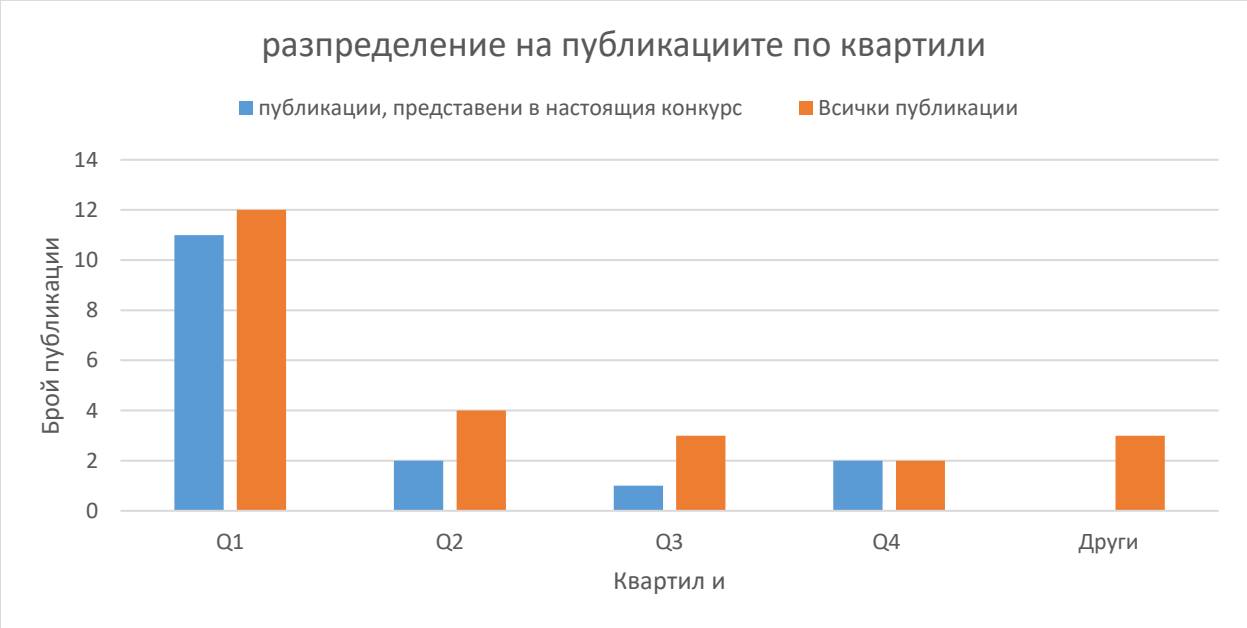
Всички представени данни са извлечени от Scopus, (връзка към профил в Scopus), с изключение на публикации **IV.3** и **IV.5,** които не са отразени в базата данни, но могат да бъдат намерени на предоставените линкове. Посочените данни за списанията (импакт фактор, съгласно Web of Science, и квартил, съгласно Scopus) са към годината на публикуване на съответната статията.

С цел по-лесно разграничаване, стати са разделени в следните групи, в рамките на всяка от които публикациите са представени в хронологичен ред:

Група I. Публикации, включени в настоящия конкурс като еквивалентен брой статии за хабилитационен труд (показатели В)
Група II. Публикации, представени в настоящия конкурс по група от показатели Г
Група III. Публикации, включени предходни конкурси
Група IV. Други публикации

Обобщена наукометрична информация за гл. ас. Явор Митрев:

Общ брой публикации: 24
Брой публикации, представени в настоящия конкурс: 16
Общ брой цитати върху всички публикации: 135
Цитати, представени по настоящия конкурс: 97
H-индекс: 6



I. Публикации, представени като еквивалентен брой статии за хабилитационен труд (критерий „В“)

I.1. Ravutsov, M.**,** **Mitrev,Y.**, Shestakova,P.**,** Lazarova,H.**,** Simeonov,S.**,** Popova,M.; CO2 Adsorption on Modified Mesoporous Silicas: The Role of the Adsorption Sites. *Nanomaterials*, 11(11), **2021**, 2831.

JCR-IF (Web of Science):5.719 **Q1** Линк към публикация

I.2. Popova, M.**,** Szegedi, A.**,** Oykova, M.**,** Lazarova, H.**,** Koseva, N., Mihályi, M.R., **Mitrev, Y.**, Shestakova, P.**;** Hydrodemethoxylation/Dealkylation on Bifunctional Nanosized Zeolite Beta. *Molecules*, 26(24), **2021**, 7694.

JCR-IF (Web of Science): 4.927 **Q1** Линк към публикация

I.3 **Mitrev, Y.**; Slice selective NMR approach for investigation of distribution phenomena inbiphasic samples. *Bulgarian Chemical Communications, 49, Special Issue F*, **2017**, 65-69.

JCR-IF (Web of Science):0.242 **Q4** Линк към публикация

I.4 **Mitrev, Y.**, Simova, S., Jeannerat, D.; NMR analysis of weak molecular interactions using slice-selective experiments via study of concentration gradients in agar gels. *Chemical Communications*, 52(31), **2016**, 5418-5420.

JCR-IF (Web of Science):6.384 **Q1** Линк към публикация

I.5. Jeannerat, D., Pupier, M., Schweizer, S., **Mitrev, Y.**, Favreau, P., Kohler, M.; Discrimination of hexabromocyclododecane from new polymeric brominated flame retardant in polystyrene foam by nuclear magnetic resonance. *Chemosphere*, 144, **2016**, 1391-1397.

JCR-IF (Web of Science):4.551 **Q1** Линк към публикация

II. Публикации, представени в настоящия конкурс по група от показатели „Г“

II.1. Chochkova M., Jiang H., Kyoseva R., Stoykova B., Tsvetanova E., Alexandrova A., Liu R., Li Z., **Mitrev Y.**, Dimitrova-Sbirkova H., Štícha M., Shivachev B.; Cinnamoyl-memantine hybrids: Synthesis, X-ray crystallography and biological activities. Journal of Molecular Structure, 1234, **2021**, 130147

JCR-IF (Web of Science):3.841 **Q2** Линк към публикация

II.2. Tencheva, A., Liu, R., Volkova, T.V., Chayrov, R., **Mitrev, Y.**, Štícha, M., Li, Y., Jiang, H., Li, Z., Stankova, I., Perlovich, G.L.; Synthetic analogues of memantine as neuroprotective and influenza viral inhibitors: in vitro and physicochemical studies. *Amino Acids*, 52(11), **2020**, 1559-1580.

JCR-IF (Web of Science):3.063 **Q1** Линк към публикация

II.3. Chayrov, R., Parisis, N.A., Chatziathanasiadou, M.V., Vrontaki, E., Moschovou, K., Melagraki, G., Sbirkova-Dimitrova, H., Shivachev, B., Schmidtke, M., **Mitrev, Y.**, Sticha, M., Mavromoustakos, T., Tzakos, A.G., Stankova, I.; Synthetic Analogues of Aminoadamantane as Influenza Viral Inhibitors—In Vitro, in Silico and QSAR Studies. *Molecules*, 25(17), **2020**, 3989.

JCR-IF (Web of Science):3.267 **Q1** Линк към публикация

II.4. **Mitrev, Y.**, Chayrov, R., Stankova, I.; Nuclear magnetic resonance spectroscopy of adamantane derivatives: interpretation of proton and carbon chemical shifts. *Spectroscopy Letters*, 53(7), **2020**, 489-493.

JCR-IF (Web of Science):0.88 **Q4** Линк към публикация

II.5. Syuleyman, M.**,** Angelov, I.**, Mitrev, Y.**, Durmus, M., Mantareva, V.**.** Cationic amino acids linked to Zn(II) phthalocyanines for photodynamic therapy: Synthesis and effects on physicochemical properties. *Journal of Photochemistry & Photobiology A: Chemistry*, 396, **2020**, 112555.

JCR-IF (Web of Science):3.31 **Q1** Линк към публикация

II.6. Aliosman, M.**,** Angelov, I.**, Mitrev, Y.**, Iliev, I., Durmush, M.**,** Mantareva, V.; Novel Zn (II) phthalocyanine with tyrosine moieties for photodynamic therapy: Synthesis and comparative study of light-associated properties. *POLYHEDRON*, 162, **2019**, 121-128.

JCR-IF (Web of Science): 2.284 **Q2** Линк към публикация

II.7. Gocheva, G., Petkov, N., Garcia Luri, A., Iliev, S., Ivanova, N, Petrova, J., **Mitrev, Y.**, Madjarova, G., Ivanova, A.; Tautomerism in folic acid: Combined molecular modelling and NMR study. *Journal of Molecular Liquids*, 292, **2019**, 111392.

JCR-IF (Web of Science):4.561 **Q1** Линк към публикация

II.8. Gomes, R., **Mitrev, Y.,** Simeonov, S.**,** Afonso, C.; Going Beyond the Limits of the Biorenewable Platform: Sodium Dithionite-Promoted Stabilization of 5-Hydroxymethylfurfural. *ChemSusChem*, 11(10), **2018**, 1612-1616.

JCR-IF (Web of Science):7.411 **Q1** Линк към публикация

II.9. Angulo, G., Brucka, M., Gerecke, M., Grampp, G., Jeannerat, D., Milkiewicz, J., **Mitrev Y.**, Radzewicz, C., Rosspeintner, A., Vauthey, E., Wnuk, P.; Characterization of dimethylsulfoxide/glycerol mixtures: a binary solvent system for the study of "friction-dependent" chemical reactivity. *Physical Chemistry Chemical Physics*, 18, **2016**, 18460-1846.

JCR-IF (Web of Science):4.449 **Q1** Линк към публикация

II.10. **Mitrev Y.**, Mehandzhiyski, A., Batovska, D., Liese, A., Galunsky, B.; Original enzyme-catalyzed synthesis of chalcones: Utilization of hydrolase promiscuity. *Journal of the Serbian Chemical Society*, 81(11), **2016**, 1231-1237.

JCR-IF (Web of Science):0.87 **Q3** Линк към публикация

II.11. Miliovsky, M., Svinyarov, I., **Mitrev, Y.**, Evstatieva, Y., Nikolova, D., Chochkova, N., Bogdanov, M.; A novel one-pot synthesis and preliminary biological activity evaluation of cis-restricted polyhydroxy stilbenes incorporating protocatechuic acid and cinnamic acid fragments. *European Journal of Medicinal Chemistry*, 66, **2013**, 185-192.

JCR-IF (Web of Science):3.432 **Q1** Линк към публикация

III. Публикации, включени предходни конкурси:

III.1. Bogdanov, M., **Mitrev, Y.**, Tiritiris, I.; New highly diastereoselective Perkin/Michael addition domino reaction between homophthalic anhydride and aromatic aldehydes: A facile approach to blue-fluorescent dibenzo[c,h]chromenones. *European Journal of Organic Chemistry*, 2, **2011**, 377-384.

JCR-IF (Web of Science):3.329 **Q1** Линк към публикация

III.2. Bogdanov, M.G., Mitrev, Y.N., Svinyarov, I.V., Palamarev, Ch.E., Palamareva, M.D. Automatic selection of mobile phases. VII. Thin-layer chromatography on silica and alumina of 11,12-disubstituted trans/cis-11,12-dihydro-6H-dibenzo[c, h]chromen-6-ones *Journal of Liquid Chromatography and Related Technologies*, 30 (15), **2007**, 2155-2169.

JCR-IF (Web of Science):1.32 **Q2** Линк към публикация

III.3. Akkurt, M., Yildirim, S.Ö., Bogdanov, M.G., Mitrev, Y.N., Heinemann, F.W.; Methyl 2-[(1-oxo-1H-isochromen-3-yl)meth-yl]benzoate (2007) *Acta Crystallographica Section E: Structure Reports Online*, 63(6), **2007**, o2824

JCR-IF (Web of Science):0.646 **Q3** Линк към публикация

IV. Други публикации:

IV.1. Sezanova, K., Shestakova, P.**,** Gergulova, R., Rabadjieva, D., **Mitrev, Y.**, Tepavitcharova, S. Effect of the reaction medium modification on the chemical and phase composition and morphological characteristics of biomimetically synthesized calcium phosphate ceramic powders. *Materials Today: Proceedings*, 61, **2022**, 1226-1232

SJR: 0.355 Линк към публикация

IV.2 Slavchev, I.M.**, Mitrev, Y.**, Shivachev, B., Valcheva, V., Dogonadze, M., Solovieva, N., Vyazovaya, A., Mokrousov, I., Link, W., Jiménez, L., Cautain, B., Mackenzie, T.A., Portugal, I., Lopes, F., Capela, R., Perdigão, J., Dobrikov, G.M.; Synthesis, Characterization and Complex Evaluation of Antibacterial Activity and Cytotoxicity of New Arylmethylidene Ketones and Pyrimidines with Camphane Skeletons. *ChemistrySelect*, 7(17), **2022**, e202201339.

JCR-IF (Web of Science):2.307 **Q2** Линк към публикация

IV.3. Simova, S.**,** Gerginova, D.**, Mitrev, Y.**; Application of NMR metabolomics for analysis of sideritis honey. Journal of the Bulgarian Academy of Sciences, 4, **2021**, 2683-0302, 9-16

Линк към публикация

IV.4. Mitrev, Y., **Gerginova, D.**, **Simova, S.**. Carbon-13 Nuclear Magnetic Resonance Spectroscopy. *Chemistry, Molecular Sciences and Chemical Engineering*, 13, **2019**, 459-471

Линк към публикация

IV.5. Chayrov, R., Mukova, L., Galabov, A., **Mitrev, Y.**, Stankova, I.; Amantadine analogues – synthesis and biological activity. *Bulgarian Chemical Communications, 49, Special Issue E*, **2017**, 61-63.

JCR-IF (Web of Science):0.238 **Q4** Линк към публикация