

## 08. Справка на цитиранията (за периода 2016-2023г.)

Конкурс за заемане на академичната длъжност доцент по професионално направление 4.2. Химически науки (Структурен анализ и физикохимична характеристика на малки органични молекули) за нуждите на направление „Структурна кристалография и материалознание“ в ИМК – БАН.

**Кандидат:** гл. ас. Руси Иванов Русев, Брой цитирани публикации – 7, брой цитати – 66 (без самоцитирания), източник Scopus

### Публикация 1.

Gerova, M.S, Stateva, S.R., Radonova, E.M., Kalenderska, R.B., **Rusew, R.I.**, Nikolova, R.P., Chaney, C.D., Shivachev, B.L., Apostolova, M.D., Petrov, O.I. Combretastatin A-4 analogues with benzoxazolone scaffold: Synthesis, structure and biological activity. *European Journal of Medicinal Chemistry*, **2016**, *120*, *14*, 121-133. SJR (Scopus): 1.184, **JCR IF (Web of Science): 4.519, Q1 (Web of Science)**, DOI:10.1016/j.ejmech.2016.05.012

Общ брой цитати: 42

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### Публикация 2.

Todorov, P, Peneva, P, Georgieva, S., **Rusew, R**, Shivachev, B, Georgiev, A. Photochromic and molecular switching behaviour of new Schiff bases containing hydantoin rings: synthesis, characterization and crystal structures. *New Journal of Chemistry*, 2019, 43 (6), 2740-2751. SJR (Scopus):0.86, JCR-IF (Web of Science):3.069, **Q1 (Scopus)**, DOI:10.1039/C8NJ05748F

Общ брой цитати: **10**

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### Публикация 3

Todorov, P., Georgieva, S., Peneva, P., **Rusew, R.**, Shivachev, B., Georgiev, A. Experimental and theoretical study of bidirectional photoswitching behavior of 5,5'-diphenylhydantoin Schiff bases: synthesis, crystal structure and kinetic approaches. *New Journal of Chemistry*, **2020**, *44*(35), 15081-15099. SJR (Scopus): 0.712, JCR-IF (Web of Science): 3.288, **Q1 (Web of Science)**, DOI:10.1039/d0nj03301d

Общ брой цитати: **6**

#### Цитиращ източник

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6. Ferté A, Houssin A, Albouy N, Merritt IC, Vacher M. ESIPT in the pyrrol pyridine molecule: mechanism, timescale and yield revealed using dynamics simulations. *Physical Chemistry Chemical Physics*. **2023**, *25* (14), 9761-5. DOI: 10.1039/D3CP00026E

### Публикация 4

Atanasov, G., **Rusew, R. I.**, Gelev, V. M., Chanev, Ch., Nikolova, R., Shivachev, B., Petrov, O., Apostolova, M. New Heterocyclic Combretastatin A-4 Analogs: Synthesis and Biological Activity of Styryl-2(3H)-Benzothiazolones. *Pharmaceuticals*, **2021**, *14* (12), 1331. SJR (Scopus):1.295, **JCR-IF (Web of Science):5.86, Q1 (Web of Science)**, DOI:10.3390/ph14121331

Общ брой цитати: **3**

#### Цитиращ източник

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### Публикация 5

Tsvetanova, L., Barbov, B., **Rusew, R.**, Delcheva, Z., Shivachev, B. Equilibrium Isotherms and Kinetic Effects during the Adsorption of Pb(II) on Titanosilicates Compared with Natural Zeolite Clinoptilolite. *Water*, **2022**, 14(14), 2152. SJR (Scopus): 0.72, JCR-IF (Web of Science): 3.53, Q1 (Scopus), DOI:10.3390/w14142152

Общ брой цитати: 2

#### Цитиращ източник

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2. Al-Zubaidi HA, Alquzweeni SS, Al-Khalaf SK, Naje AS. An Innovative Interaction between Organo-Kaolinite and Methyl Orange for Industrial Wastes Removal-A Kinetic Investigation and Modeling. *Ecological Engineering & Environmental Technology*. **2023**, 24 (8), 329-45. DOI: 10.12912/27197050/172225

#### Публикация 6

Dimowa, L.T., Piroeva, I., Atanasova-Vladimirova, S., **Rusew, R.**, Shivachev, B. Structural peculiarities of natural chabazite modified by ZnCl<sub>2</sub> and NiCl<sub>2</sub>. *Bulgarian Chemical Communications*, **2018**, 50(Special Issue J), 114-122. SJR (Scopus): 0.16, **JCR-IF (Web of Science): 0.242, Q4 (Web of Science)** Link: [http://www.bcc.bas.bg/BCC\\_Volumes/Volume\\_50\\_Special\\_J\\_2018/114-122\\_Shivachev\\_BCC\\_50\\_Sp-Is-J\\_2018\\_site.pdf](http://www.bcc.bas.bg/BCC_Volumes/Volume_50_Special_J_2018/114-122_Shivachev_BCC_50_Sp-Is-J_2018_site.pdf)

Общ брой цитати: 2

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#### Публикация 7

Chochkova, M., **Rusew, R.**, Kalfin, R., Tancheva, L., Lazarova, M., Sbirikova-Dimitrova, H., Popatanasov, A., Tasheva, K., Shivachev, B., Petek, N., Štícha, M. Synthesis, Molecular Docking, and Neuroprotective Effect of 2-Methylcinnamic Acid Amide in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)–An Induced Parkinson's Disease Model. *Crystals*, **2022**, 12 (11), 1518. SJR (Scopus): 0.46, **JCR-IF (Web of Science): 2.67, Q2 (Web of Science)**, DOI:10.3390/cryst12111518,

Общ брой цитати: 1

#### Цитиращ източник

1. Moreno A. State-of-the Art Research in Biomolecular Crystals. *Crystals*. **2022**, 13 (1), 58. DOI: 10.3390/cryst13010058