8. Справка за цитиранията

Конкурс за заемане на академичната длъжност доцент по професионално направление 4. Природни науки, математика и информатика, Професионално направление 4.4 Науки за Земята (Минералогия и кристалография – експериментална минералогия) за нуждите на направление „Експериментална минералогия и кристалография“ в ИМК-БАН.

Кандидат: гл. ас. д-р Лилия Владимирова Цветанова, Брой цитирани публикации – 9, брой цитати – 27 (без самоцитирания), източник Scopus

Номерацията на публикациите съответства на тази в Приложение 6.

Публикация № 1 **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, 14, 14, MDPI, 2022, ISSN:2073-4441, DOI:10.3390/w14142152, SJR (Scopus):0.72, JCR-IF (Web of Science):3.53, Q1		
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1	Al-Zubaidi, Hussein AM, Saif S. Alquzweeni, Safaa K. Hashim Al-Khalaf, and Ahmed Samir Naje. "An Innovative Interaction between Organo-Kaolinite and Methyl Orange for Industrial Wastes Removal-A Kinetic Investigation and Modeling." Ecological Engineering & Environmental Technology (EEET) 24.8 (2023): 329-345.	5 т.
2	Ezugwu, Arinze Longinus, Hillary Onyeka Abugu, Ifeanyi Adolphus Ucheana, Samson Ifeanyi Eze, Johnbosco C. Egbueri, Victor Sunday Aigbodion, and Kovo Godfrey Akpomie. "Sequestration of Lead Ion in Aqueous Solution onto Chemically Pretreated Pycnanthus angolensis Seed Husk: Implications for Wastewater Treatment." Sustainability 15.21 (2023): 15446.	5 т.
3	Mayta-Armas, A. F., Canchanya-Huaman, Y., Pomalaya-Velasco, J., Bendezú-Roca, Y., Checca-Huaman, N. R., & Ramos-Guivar, J. A. (2023). Enhanced Removal of As (V) and Pb (II) from Drinking and Irrigating Water Effluents Using Hydrothermally Synthesized Zeolite 5A. Water, 15(10), 1892.	5 т.
4	Quiroz, Adolfo, et al. "Surface Properties of Heat-Treated Clinoptilolites and Their Relationship to Lead Removal from Aqueous Solutions." Processes 13.12 (2025): 3955.	5 т.
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Публикация № 2 Lazarova, H., Rusew, R., Kostadin, I., **Tsvetanova, L.**, Barbov, B., Shivachev, B.. Photodegradation of Methylene Blue and Crystal Violet by Zr-Modified Engelhard Titanium		

Silicate 10. Water, 15, 23, MDPI, 2023, ISSN:2073-4441, DOI:10.3390/w15234186, SJR (Scopus):0.72, JCR-IF (Web of Science):3.4, Q1		
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Публикация № 3 Nikolov, A.**,** Dobreva, L., Danova, S., Miteva-Staleva, J., Krumova, E., Rashev, V., Vilhelmova-Ilieva, N., **Tsvetanova, L.**, Barbov, B.. Antimicrobial geopolymer paints based on modified natural zeolite. Case Studies in Construction Materials, 19, Elsevier, 2023, DOI:https://doi.org/10.1016/j.cscm.2023.e02642, e02642. SJR (Scopus):1.1, JCR-IF (Web of Science):6.2, Q1		
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7	Gallegos-García, M., Quiñones-Jurado, Z. V., González-Lozano, M. A., Ponce-Peña, P., Escobedo-Bretado, M. Á., Cadenas-Pliego, G., & Cabello-Alvarado, C. "Antiseptic Surface Based on Antibacterial Polyethylene Composites with Silver Fillers: Stability in Aqueous Solution." Polymers 16.22 (2024): 3154.	5 т.
8	Hu, Y., Jin, Z., Pang, B., Du, Z., Li, X., & Huang, Y. "Improving Sag Resistance in Geopolymer Coatings Using Diatomite Filler: Effects on Rheological Properties and Early Hydration." Materials 17.11 (2024): 2516.	5 т.
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11	Ahmed, Doaa A., Amal A. Aly, and Morsy A. El-Apasery. "Sustainable construction: development of self-cleaning geopolymer composite with fly ash, and bentonite incorporated with nano-ZnO." Sustainable Environment Research 35.1 (2025): 20.	5 т.
12	Parfenyuk, Elena V., and Ekaterina S. Dolinina. "Silicon-based particles as a platform for development of antiviral drugs." Reviews in Inorganic Chemistry 45.4 (2025): 719-746.	5 т.
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16	Li, Y., Xue, J., Zhao, X., Zhang, X., Zhang, S., Liu, H., Zhang, Y. and Chen, P., "Microbially-mediated biogenic Fe–Mn oxides for cadmium removal from aqueous solutions: characteristics and mechanisms." Environmental Geochemistry and Health 48.3 (2026): 119.	5т.
17	Ju, F., Wu, Y., Han, G., Liu, D., Wang, Y., Zhang, S., Yang, K., Yang, C. and Zhao, X., "Bacteria-Loaded Biochar for Cadmium Immobilization in Aqueous Solutions: Performance and Mechanisms." Catalysts 16.1 (2025): 19.	5т.
Публикация № 13 Titorenkova, R., Dimitrov, Ts., Antonov, D., Tzvetanova, Y., **Tsvetanova, L.**, Piroeva, I.. Augite-based ceramics obtained by solid-state sintering of loess. Journal of Chemical Technology and Metallurgy, 59, 6, University of Chemical Technology and Metallurgy, 2024, ISSN:1314-7471, DOI:10.59957/jctm.v59.i6.2024.21, 1443-1450. SJR (Scopus):0.19		
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18	Zhang, B., Yu, F., Zheng, D., Yang, H. and Cui, H. "Thermo-mechanical properties of ceramic particle-based lightweight energy storage concrete." Construction and Building Materials 494 (2025): 143432.	5т.
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