Справка цитати

на гл. ас. д-р Христина Лазарова в WoS или Scopus за периода 2017-2025

2017

1. Vicente, A. I., Coelho, J. A. S., Simeonov, S. P., **Lazarova, H. I.**, Popova, M. D., Afonso, C. A. M, Oxidation of 5-Chloromethylfurfural (CMF) to 2,5-Diformylfuran (DFF), Molecules, 22 (2), 329 **(2017)**, SJR:0.54 (2017г.), JCR-IF:2.47 (2017г.), **Q2 по SJR за 2017г.**, DOI:10.3390/molecules22020329

Цитира се в:

1. Chen, Y., Ge, J., Synthesis of 5-hydroxymethylfurfural and its oxidation derivatives by immobilized catalysts: An efficient green sustainable technology, *Chinese Journal of Catalysis* 71, 5-24 **(2025),** DOI: 10.1016/S1872-2067(24)60274-3
2. Anchan, H. N., Dutta, S., Recent advances in the production and value addition of selected hydrophobic analogs of biomass-derived 5-(hydroxymethyl)furfural, *Biomass Conversion and Biorefinery* 13 (4), 2571-2593 **(2023),** DOI:10.1007/s13399-021-01315-1
3. Vaidyanathan, V.K., Saikia, K., Kumar, P.S., Rathankumar, A.K., Rangasamy, G., Saratale, G.D., Advances in enzymatic conversion of biomassderived furfural and 5-hydroxymethylfurfural to value-added chemicals and solvents, *Bioresource Technology* 378, 128975 **(2023)**, DOI:10.1016/j.biortech.2023.128975

2018

2. Popova, M., **Lazarova, H.**, Trusheva, B., Popova, M., Bankova, V., Mihály, J., Najdenski, H., Tsvetkova, I., Szegedi, Á, Nanostructured silver silica materials as potential propolis carriers, Microporous and Mesoporous Materials, 263, 28-33 **(2018)**, SJR:1.07 (2018г.), JCR-IF:4.18 (2018г.), **Q1 по SJR за 2018г.**, DOI:10.1016/j.micromeso.2017.11.043

Цитира се в:

4. Khoo, Z. C., Kavin, T., Jia, H., Karthivashan, G., Vigneswari, S., Santhanam, R., Drug delivery approaches to improve the efficiency of phytoderivatives against UV induced damage- A review, *Journal of Drug Delivery Science and Technology* 87, 104793 **(2023)**, DOI:10.1016/j.jddst.2023.104793
5. Remedio, L. N., Garcia, V. A. dos S., Rochetti, A. L., Berretta, A. A., Yoshida, C. M. P., Fukumasu, H., Vanin, F. M., de Carvalho, R.A., Hydroxypropyl methylcellulose orally

disintegration films produced by tape casting with the incorporation of green propolis ethanolic extract using the printing technique, *Food Hydrocolloids* 135, 108176 **(2023)**, DOI:10.1016/j.foodhyd.2022.108176

6. Mendez-Pfeiffer, P.; Juarez, J.; Hernandez, J.; Taboada, P., Virués, C., Valencia, D., Velazquez, C., Nanocarriers as drug delivery systems for propolis: A therapeutic approach, *Journal of Drug Delivery Science and Technology* 65, 102762 **(2021),** DOI:10.1016/j.jddst.2021.102762

2019

3. Pavlovic, J., Popova, M., Mihalyi, R.M., Mazaj, M., Mali, G., Kovač, J., **Lazarova, H.**, Rajic, N, Catalytic activity of SnO^{2-} and SO_4/SnO^{2-}containing clinoptilolite in the esterification of levulinic acid, Microporous and Mesoporous Materials, 279, 10-18 **(2019)**, SJR:1.09 (2019г.), JCR-IF:4.2 (2019г.), **Q1 по SJR за 2019г.**, DOI:10.1016/j.micromeso.2018.12.009

Цитира се в:

7. BOMBOȘ, D., BOMBOȘ, M., ZAHARIA, E., MIRȚ, A. L., VASILIEVICI, G., DESULFURIZATION OF CRUMB RUBBER BY MODIFIED NATURAL ZEOLITIC CATALYSTS, *Studia Universitatis Babes-Bolyai, Chemia* 69 (1), 7-16 **(2024),** DOI:10.24193/subbchem.2024.1.01
8. Díaz-Flores, P. E., Flores-Rojas, A. I., Medellín-Castillo, N. A., Cisneros-Ontiveros, H. G., Cruz-Briano, S. A., Gallegos-Almanza, A. V., Cruz-Labana, J. D., Espinosa-Martínez, I. A., Chitosan and zeolite-based composites: Characterization and removal of methylene blue dye from aqueous solution, *MRS Advances* 9 (22), 1713-1719 **(2024),** DOI:10.1557/s43580-024-00959-1
9. Zhao, H., Jia, Y., Chen, Y., Liang, X., Hao, J., Chen, B., Chao, H., Liu, L., Chang, C., Xu, G., Synthesis of biomass-derived ethyl levulinate from steam-exploded corn straw, *Asia-Pacific Journal of Chemical Engineering* 19 (4), e3076 **(2024)**, DOI:10.1002/apj.3076

4. Simeonov, S., **Lazarova, H**., Marinova, M., Popova, M., Achmatowicz rearrangement enables hydrogenolysis-free gas-phase synthesis of pentane-1,2,5-triol from furfuryl alcohol, Green Chemistry, 21, 5657-5664 **(2019)**, SJR:2.26 (2019г.), JCR-IF:9.41 (2019г.), **Q1 по SJR за 2019г.**, DOI:10.1039/c9gc02888a

Цитира се в:

10. Lebedeva, D., Schick, L. W., Cracco, D., Sangsuwan, W., Castiella-Ona, G., Silva, D. O., Marson, A., Grape, E. S., Inge, A. K., Rossi, L.M., Subbotina, E., Manzardo, A., Samec, J. S., Sustainable aviation fuel from prehydrolysis liquors, *Green Chemistry* 26 (12), 7258-7267 **(2024),** DOI:10.1039/d4gc01257g

11. Zhang, Z. K., Xu, W. Y., Gong, T. J., Fu, Y., Modular Synthesis of Fluoro-Substituted Furan Compounds via Controllable Fluorination of Biomass-Based 5-HMF and Its Derivatives, *ChemSusChem* 17 (1), e202301072 **(2024)**, DOI:10.1002/cssc.202301072
12. Duan, Y., Zhang, C., Deng, D., Sui, D., Gao, X., Yang, Y., Hydrogenation of BHMF with controllable selectivity to tetrahydropyranone and 1-hydroxy-2,5-hexanedione under atmospheric H2 pressure, *Green Chemistry* 25 (5), 1823-1834 **(2023)**, DOI:10.1039/d2gc04637g2023
13. Wang, T., Miao, R., Luo, R., Xu, J., Yang, Z., Furan-2-yl Anions as γ-Oxo/Hydroxyl Acyl Anion Equivalents Enabled by Iridium-Catalyzed Chemoselective Reduction, *Organic Letters* 25 (25), 4705-4710 **(2023)**, DOI:10.1021/acs.orglett.3c01634
14. Padilla, R., Koranchalil, S., Nielsen, M., Homogeneous Catalyzed Valorization of Furanics: A Sustainable Bridge to Fuels and Chemicals, *Catalysts* 11 (11), 1371 **(2021),** DOI:10.3390/catal11111371
15. Tong, Z., Li, X., Dong, J., Gao, R., Deng, Q., Wang, J., Zeng, Z., Zou, J.-J., Deng, S., Adsorption Configuration-Determined Selective Hydrogenative Ring Opening and Ring Rearrangement of Furfural over Metal Phosphate, *ACS Catal.* 11 (11), 6406–6415 **(2021)**, DOI:10.1021/acscatal.0c05497
16. Iroegbu, A. O., Sadiku, E. R., Ray, S. S., Hamam, Y., Sustainable Chemicals: A Brief Survey of the Furans, *Chemistry Africa* 3, 481–496 **(2020)**, DOI:10.1007/s42250-020-00123-w

5. Boycheva, S., Zgureva, D., Václavíková, M., Kalvachev,Y., **Lazarova,H.**, Popova, M., Studies on non-modified and copper-modified coal ash zeolites as heterogeneous catalysts for VOCs oxidation, Journal of Hazardous Materials, 361, 374-382 **(2019)**, SJR:1.79 (2019г.), JCR-IF:7.65 (2019г.), **Q1 по SJR за 2019г.**,DOI:10.1016/j.jhazmat.2018.07.020

<u>Цитира се в:</u>

17. Bao, J., Sun, X., Ning, P., Li, K., Yang, J., Wang, F., Shi, S., Fan, M., Industrial solid wastes to environmental protection materials for removal of gaseous pollutants: A review, *Green Energy & Environment* 10 (1), 34-83 **(2025)**, DOI:10.1016/j.gee.2024.01.006
18. Han, C., Yang, J., Dong, S., Ma, L., Dai, Q., Guo, J., Zeolite preparation from industrial solid waste: Current status, applications, and prospects, *Separation and Purification Technology* 354 (3), 128957 **(2025)**, DOI:10.1016/j.seppur.2024.128957
19. Liu, J., Yang, L., Jiang, W., Dai, Z., Yao, L., Zheng, J., Wang, X., Synthesis of carbon-zeolite bifunctional support Cu/C@Zeolite catalysts for enhanced VOCs catalytic oxidation, *Fuel* 395, 135281 **(2025),** DOI:10.1016/j.fuel.2025.135281
20. Hussain, Z., Saleem, A., Gao, L., From waste to Innovation: Silver-Doped silicate ink coating from waste coal fly ash for hydrophobic antimicrobial fabric and Water-Oil separation, *Waste Management* 194, 238-248 **(2025),** DOI:10.1016/j.wasman.2025.01.021
21. Hu, G., Zhang, Z., Wang, C., Li, G., Zhou, D., Wang, J., Che, D., Kang, R., Influence of Rare-Earth Promoters (Ce, Zr and La) on Catalytic Performance of Copper-Based Catalyst

in Toluene Oxidation, *Combustion Science and Technology* 197 (7), 1550-1568 **(2025),** DOI:10.1080/00102202.2023.2288671

22. Asl, S. M. H., Belviso, C., Masomi, M., Tajbakhsh, M., Coal fly ash-derived Fe-ZSM-5 nano-zeolite for adsorption of mono-aromatics in aqueous media; hybrid meta-heuristic neuro-fuzzy modeling, *Microporous and Mesoporous Materials* 365, 112831 **(2024)**, DOI:10.1016/j.micromeso.2023.112831
23. Guo, J., Wu, H., Wei, Y., Miao, Y., Qu, J., Wang, P., Synthesis of a high-iron fly-ash-based Na-X molecular sieve and its application in the adsorption of low concentration of CO_2, *RSC advances* 14 (3), 1686-1696 **(2024)**, DOI:10.1039/d3ra07615f
24. Hu, W., Guo, T., Ma, K., Li, X., Luo, W., Wu, M., Guo, H., Zhang, Y., Shangguan, W., Promoted catalytic performance of Ag-Mn bimetal catalysts synthesized through reduction route, *Journal of Environmental Sciences (China)* 137, 358-369 **(2024)**, DOI:10.1016/j.jes.2022.10.045
25. Liu, J., Wang, Y., Dai, Z., Jia, C. Q., Yang, L., Liu, J., Chen, Y., Yao, L., Wang, B., Huang, W., Jiang, W., Recent advances in Zeolite-Based catalysts for volatile organic compounds decontamination by thermal catalytic oxidation, *Separation and Purification Technology* 330, 125339 **(2024)**, DOI:10.1016/j.seppur.2023.125339
26. Zhang, R., He, H., Tang, Y., Zhang, Z., Zhou, H., Yu, J., Zhang, L., Dai, B. , A review on Fe_2O_3-based catalysts for toluene oxidation: catalysts design and optimization with the formation of abundant oxygen vacancies, *ChemCatChem* e202400396 **(2024)**, DOI:10.1002/cctc.202400396
27. Zhang, G., Song, S., Wang, X., Gong, M., Wang, X., Xu, Y., Feng, J., Zhang, F., Chen, H., Recent advances in the synthesis and application of zeolites from coal-based solid wastes, *Huagong Jinzhan/Chemical Industry and Engineering Progress* 43 (5), 2311-2323 **(2024),** DOI:10.16085/j.issn.1000-6613.2023-2107