

Robert Karcz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Al Organization in the SSZ-13 Zeolite. Al Distribution and Extraframework Sites of Divalent Cations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7968-7987.	3.1	63
2	New insight into the preferred valency of interlayer anions in hydrotalcite-like compounds: The effect of Mg/Al ratio. <i>Applied Clay Science</i> , 2018, 155, 84-94.	5.2	33
3	Effect of cobalt location in Keggin-type heteropoly catalysts on aerobic oxidation of cyclooctane: Experimental and theoretical study. <i>Applied Catalysis A: General</i> , 2017, 542, 317-326.	4.3	26
4	Effect of Mg Al hydrotalcite crystallinity on catalytic Baeyer-Villiger oxidation of cyclohexanone with H ₂ O ₂ /acetonitrile. <i>Catalysis Communications</i> , 2018, 107, 48-52.	3.3	19
5	Pyrolysis and torrefaction of waste wood chips and cone-like flowers derived from black alder (<i>Alnus glutinosa</i> L. Gaertn.) for sustainable solid fuel production. <i>Biomass and Bioenergy</i> , 2020, 143, 105842.	5.7	18
6	Baeyer-Villiger oxidation of cyclohexanone with H ₂ O ₂ /acetonitrile over hydrotalcite-like catalysts: Effect of Mg/Al ratio on the μ -caprolactone yield. <i>Catalysis Communications</i> , 2017, 100, 196-201.	3.3	17
7	TNUâ€™9 Zeolite: Aluminum Distribution and Extraâ€™Framework Sites of Divalent Cations. <i>Chemistry - A European Journal</i> , 2017, 23, 8857-8870.	3.3	15
8	Keggin-Type Heteropoly Salts as Bifunctional Catalysts in Aerobic Baeyer-Villiger Oxidation. <i>Materials</i> , 2018, 11, 1208.	2.9	15
9	Selective Oxidation of Phenol in the Presence of Transition-Metal Substituted Polyoxometalates. <i>Catalysis Letters</i> , 2009, 132, 159-167.	2.6	11
10	Combined H ₂ O ₂ /nitrile/bicarbonate system for catalytic Baeyer-Villiger oxidation of cyclohexanone to μ -caprolactone over Mg Al hydrotalcite catalysts. <i>Catalysis Communications</i> , 2019, 132, 105821.	3.3	10
11	Structural studies and physico-chemical properties of new oxodiperoxomolybdenum complexes with nicotinic acid. <i>Polyhedron</i> , 2013, 60, 39-46.	2.2	9
12	Fine Crystalline Mg-Al Hydrotalcites as Catalysts for Baeyer-Villiger Oxidation of Cyclohexanone with H ₂ O ₂ . <i>Catalysts</i> , 2021, 11, 1493.	3.5	8
13	Influence of Dry Milling on Phase Transformation of Sepiolite upon Alkali Activation: Implications for Textural, Catalytic and Sorptive Properties. <i>Materials</i> , 2020, 13, 3936.	2.9	3
14	Newly-Obtained Two Organic-Inorganic Hybrid Compounds Based on Potassium Peroxidomolybdate and Dicarboxypyridinic Acid: Structure Determination, Catalytic Properties, and Cytotoxic Effects of Eight Peroxidomolybdates in Colon and Hepatic Cancer Cells. <i>Materials</i> , 2022, 15, 241.	2.9	2
15	Synthesis and the crystal structure of dimeric 1-hydroxyhexane-2,3-dione and the spectral characteristics of a model acireductone. <i>New Journal of Chemistry</i> , 2016, 40, 9291-9303.	2.8	1