

Geolar Fetter

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

639
citations

15
h-index

24
g-index

44
ext. papers

705
ext. citations

4.3
avg, IF

3.85
L-index

#	Paper	IF	Citations
42	Microwave power effect on hydrotalcite synthesis. <i>Microporous and Mesoporous Materials</i> , 2006 , 89, 306-314	3.4	77
41	TiO ₂ /MgAl layered double hydroxides mechanical mixtures as efficient photocatalysts in phenol degradation. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 914-919	3.9	70
40	Comparison of the structural and acid-base properties of Ga- and Al-containing layered double hydroxides obtained by microwave irradiation and conventional ageing of synthesis gels. <i>Journal of Materials Chemistry</i> , 2002 , 12, 3832-3838		56
39	Sol-gel synthesis of hydrotalcite like compounds. <i>Journal of Materials Science</i> , 2006 , 41, 3377-3382	4.3	45
38	Preparation and Characterization of Montmorillonites Pillared by Cationic Silicon Species. <i>Clays and Clay Minerals</i> , 1994 , 42, 161-169	2.1	31
37	The oxidation of trichloroethylene over different mixed oxides derived from hydrotalcites. <i>Applied Catalysis B: Environmental</i> , 2014 , 160-161, 129-134	21.8	30
36	Cu Mixed Oxides Based on Hydrotalcite-Like Compounds for the Oxidation of Trichloroethylene. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 15772-15779	3.9	27
35	Removal of chromium(VI) using nano-hydrotalcite/SiO ₂ composite. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 1555-1561	6.8	27
34	CuNi/Al hydrotalcites synthesized in presence of microwave irradiation. <i>Materials Letters</i> , 2011 , 65, 1663-1665	3.5	25
33	Carbonate phobic (Zn,Mn)-Al hydrotalcite-like compounds. <i>Solid State Sciences</i> , 2007 , 9, 394-403	3.4	22
32	ZnAl layered double hydroxides impregnated with eucalyptus oil as efficient hybrid materials against multi-resistant bacteria. <i>Applied Clay Science</i> , 2018 , 153, 61-69	5.2	21
31	Twofold role of calcined hydrotalcites in the degradation of methyl parathion pesticide. <i>Beilstein Journal of Nanotechnology</i> , 2011 , 2, 99-103	3	16
30	Preparation of layered double hydroxide/chlorophyll a hybrid nano-antennae: a key step. <i>Dalton Transactions</i> , 2014 , 43, 10521-8	4.3	15
29	Bactericidal Performance of Chlorophyllin-Copper Hydrotalcite Compounds. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	15
28	Effect of structure, morphology and chemical composition of Zn-Al, Mg/Zn-Al and Cu/Zn-Al hydrotalcites on their antifungal activity against <i>A. niger</i> . <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 3376-3383	6.8	15
27	Nanoporous composites prepared by a combination of SBA-15 with Mg-Al mixed oxides. Water vapor sorption properties. <i>Beilstein Journal of Nanotechnology</i> , 2014 , 5, 1226-34	3	12
26	Potassium-containing hydroxylated hydrotalcite as efficient catalyst for the transesterification of sunflower oil. <i>Journal of Materials Science</i> , 2018 , 53, 12828-12836	4.3	11

25	Washing Effect on the Synthesis of Silica-Pillared Clays. <i>Journal of Porous Materials</i> , 2004 , 11, 157-162	2.4	11
24	Thermal stability of monometallic Co-hydroxalcite. <i>Materials Letters</i> , 2002 , 57, 679-683	3.3	11
23	Hydroxalcite/hydroxyapatite composites with high bacterial activity against clinical bacteria. A new alternative to prevent osteomyelitis diseases. <i>Microporous and Mesoporous Materials</i> , 2020 , 298, 110069	5.3	10
22	New hydroxyapatiteHydroxalcite composites I. synthesis. <i>Journal of Porous Materials</i> , 2009 , 16, 401-408	2.4	10
21	Self-assembled thin films of PAA/PAH/TiO ₂ for the photooxidation of ibuprofen. Part II: Characterization, sensitization, kinetics and reutilization. <i>Chemical Engineering Journal</i> , 2019 , 361, 1487-1496	14.7	10
20	Exploring and tuning the anchorage of chlorophyllin molecules on anionic clays. <i>Catalysis Today</i> , 2013 , 212, 186-193	5.3	9
19	Hydroxalcites with heterogeneous anion distributions: a first approach to producing new materials to be used as vehicles for the successive delivery of compounds. <i>Clay Minerals</i> , 2020 , 55, 31-39	1.3	8
18	Study of layered double hydroxides as bactericidal materials against <i>Corynebacterium ammoniagenes</i> , a bacterium responsible for producing bad odors from human urine and skin infections. <i>Applied Clay Science</i> , 2019 , 180, 105194	5.2	6
17	Defluoridation Performance Comparison of Nano-hydroxalcite/Hydroxyapatite Composite with Calcined Hydroxalcite and Hydroxyapatite. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	6
16	Enhanced catalytic performance of highly mesoporous hydroxalcite/SBA-15 composites involved in chromene multicomponent synthesis. <i>Microporous and Mesoporous Materials</i> , 2020 , 309, 110569	5.3	6
15	Protein template effect on hydroxalcite morphology. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 2638-2642	5.2	5
14	New hydroxyapatiteHydroxalcite composites II. microwave irradiation effect on structure and texture. <i>Journal of Porous Materials</i> , 2009 , 16, 409-418	2.4	5
13	Stabilization of hemoglobin in double layered hydroxides to be used in carbon monoxide bio-oxidation I-synthesis and characterization. <i>Catalysis Today</i> , 2016 , 266, 212-218	5.3	4
12	New Template Effect in Hydroxalcite Synthesis. Nodular vs. Layered Morphologies. <i>Clays and Clay Minerals</i> , 2010 , 58, 340-350	2.1	4
11	High-Performance Materials Based on Lithium-Containing Hydroxalcite-Bayerite Composites for Biogas Upgrade. <i>Energy & Fuels</i> , 2016 , 30, 7474-7480	4.1	4
10	Towards highly efficient hydroxalcite/hydroxyapatite composites as novel catalysts involved in eco-synthesis of chromene derivatives. <i>Applied Clay Science</i> , 2020 , 198, 105833	5.2	3
9	Electrochemical Behavior of (Zn, Mn)-Al Nitrated Hydroxalcites. <i>Journal of New Materials for Electrochemical Systems</i> , 2012 , 15, 301-306	2.8	2
8	Fibrillar Templating of Hydroxalcites 2009 , 2, 6-11		2

7	High-performance antifungal nanohybrid materials composed of melanin-clays. <i>Applied Clay Science</i> , 2021 , 211, 106201	5.2	2
6	Synthesis of Cotton Fibers Impregnated with Bactericidal Hydrotalcites to be used in Medical Textile Supplies. <i>MRS Advances</i> , 2017 , 2, 3787-3795	0.7	1
5	Microwave Effect on Clay Pillaring 2010 , 1-21		1
4	Novel bio-fertilizer based on nitrogen-fixing bacterium immobilized in a hydrotalcite/alginate composite material.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
3	Synthesis of novel hybrid melanin-hydrotalcite with potential lethal activity against microorganisms. <i>Materials Letters</i> , 2020 , 278, 128442	3.3	1
2	Metabolomics profiling of <i>Prunus persica</i> cv. diamante showing symptoms of <i>Rhizopus</i> rot: A new hydrotalcite/shilovite composite to improve fruit quality. <i>Postharvest Biology and Technology</i> , 2022 , 188, 111897	6.2	1
1	Effect of copper and eucalyptol on the bactericidal activity of ZnAl- and MgAl-LDH clays. <i>MRS Communications</i> , 2021 , 11, 955	2.7	