

# Geolar Fetter

## List of Publications by Year in Descending Order

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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	Novel bio-fertilizer based on nitrogen-fixing bacterium immobilized in a hydrotalcite/alginate composite material.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	1
41	Metabolomics profiling of Prunus persica cv. diamante showing symptoms of Rhizopus rot: A new hydrotalcite/shilovite composite to improve fruit quality. <i>Postharvest Biology and Technology</i> , <b>2022</b> , 188, 111897	6.2	1
40	Effect of copper and eucalyptol on the bactericidal activity of ZnAl- and MgAl-LDH clays. <i>MRS Communications</i> , <b>2021</b> , 11, 955	2.7	
39	High-performance antifungal nanohybrid materials composed of melanin-clays. <i>Applied Clay Science</i> , <b>2021</b> , 211, 106201	5.2	2
38	Hydrotalcite/hydroxyapatite composites with high bacterial activity against clinical bacteria. A new alternative to prevent osteomyelitis diseases. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 298, 110069	5.3	10
37	Hydrotalcites 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> , <b>2020</b> , 55, 31-39	1.3	8
36	Enhanced catalytic performance of highly mesoporous hydrotalcite/SBA-15 composites involved in chromene multicomponent synthesis. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 309, 110569	5.3	6
35	Towards highly efficient hydrotalcite/hydroxyapatite composites as novel catalysts involved in eco-synthesis of chromene derivatives. <i>Applied Clay Science</i> , <b>2020</b> , 198, 105833	5.2	3
34	Synthesis of novel hybrid melanin-hydrotalcite with potential lethal activity against microorganisms. <i>Materials Letters</i> , <b>2020</b> , 278, 128442	3.3	1
33	Study of layered double hydroxides as bactericidal materials against Corynebacterium ammoniagenes, a bacterium responsible for producing bad odors from human urine and skin infections. <i>Applied Clay Science</i> , <b>2019</b> , 180, 105194	5.2	6
32	Self-assembled thin films of PAA/PAH/TiO <sub>2</sub> for the photooxidation of ibuprofen. Part II: Characterization, sensitization, kinetics and reutilization. <i>Chemical Engineering Journal</i> , <b>2019</b> , 361, 1487-1496	14.7	10
31	ZnAl layered double hydroxides impregnated with eucalyptus oil as efficient hybrid materials against multi-resistant bacteria. <i>Applied Clay Science</i> , <b>2018</b> , 153, 61-69	5.2	21
30	Potassium-containing hydroxylated hydrotalcite as efficient catalyst for the transesterification of sunflower oil. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 12828-12836	4.3	11
29	Effect of structure, morphology and chemical composition of Zn-Al, Mg/Zn-Al and Cu/Zn-Al hydrotalcites on their antifungal activity against A. niger. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 3376-3383	6.8	15
28	Synthesis of Cotton Fibers Impregnated with Bactericidal Hydrotalcites to be used in Medical Textile Supplies. <i>MRS Advances</i> , <b>2017</b> , 2, 3787-3795	0.7	1
27	Defluoridation Performance Comparison of Nano-hydrotalcite/Hydroxyapatite Composite with Calcined Hydrotalcite and Hydroxyapatite. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 1	2.6	6
26	Stabilization of hemoglobin in double layered hydroxides to be used in carbon monoxide bio-oxidation I-synthesis and characterization. <i>Catalysis Today</i> , <b>2016</b> , 266, 212-218	5.3	4

25	High-Performance Materials Based on Lithium-Containing Hydrotalcite-Bayerite Composites for Biogas Upgrade. <i>Energy &amp; Fuels</i> , <b>2016</b> , 30, 7474-7480	4.1	4
24	Removal of chromium(VI) using nano-hydrotalcite/SiO <sub>2</sub> composite. <i>Journal of Environmental Chemical Engineering</i> , <b>2015</b> , 3, 1555-1561	6.8	27
23	Bactericidal Performance of Chlorophyllin-Copper Hydrotalcite Compounds. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	15
22	Preparation of layered double hydroxide/chlorophyll a hybrid nano-antennae: a key step. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10521-8	4.3	15
21	The oxidation of trichloroethylene over different mixed oxides derived from hydrotalcites. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 160-161, 129-134	21.8	30
20	Nanoporous composites prepared by a combination of SBA-15 with Mg-Al mixed oxides. Water vapor sorption properties. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 1226-34	3	12
19	Cu Mixed Oxides Based on Hydrotalcite-Like Compounds for the Oxidation of Trichloroethylene. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 15772-15779	3.9	27
18	Exploring and tuning the anchorage of chlorophyllin molecules on anionic clays. <i>Catalysis Today</i> , <b>2013</b> , 212, 186-193	5.3	9
17	Electrochemical Behavior of (Zn, Mn)-Al Nitrated Hydrotalcites. <i>Journal of New Materials for Electrochemical Systems</i> , <b>2012</b> , 15, 301-306	2.8	2
16	Twofold role of calcined hydrotalcites in the degradation of methyl parathion pesticide. <i>Beilstein Journal of Nanotechnology</i> , <b>2011</b> , 2, 99-103	3	16
15	CuNi/Al hydrotalcites synthesized in presence of microwave irradiation. <i>Materials Letters</i> , <b>2011</b> , 65, 1663-1665	3.5	25
14	TiO <sub>2</sub> /MgAl layered double hydroxides mechanical mixtures as efficient photocatalysts in phenol degradation. <i>Journal of Physics and Chemistry of Solids</i> , <b>2011</b> , 72, 914-919	3.9	70
13	Protein template effect on hydrotalcite morphology. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 2638-2642	5	5
12	New Template Effect in Hydrotalcite Synthesis. Nodular vs. Layered Morphologies. <i>Clays and Clay Minerals</i> , <b>2010</b> , 58, 340-350	2.1	4
11	Microwave Effect on Clay Pillaring <b>2010</b> , 1-21		1
10	New hydroxyapatite/hydrotalcite composites II. microwave irradiation effect on structure and texture. <i>Journal of Porous Materials</i> , <b>2009</b> , 16, 409-418	2.4	5
9	New hydroxyapatite/hydrotalcite composites I. synthesis. <i>Journal of Porous Materials</i> , <b>2009</b> , 16, 401-408	2.4	10
8	Fibrillar Templating of Hydrotalcites <b>2009</b> , 2, 6-11		2

7	Carbonate phobic (Zn,Mn)-Al hydrotalcite-like compounds. <i>Solid State Sciences</i> , <b>2007</b> , 9, 394-403	3.4	22
6	Microwave power effect on hydrotalcite synthesis. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 89, 306-314	3.4	77
5	Sol-gel synthesis of hydrotalcite like compounds. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 3377-3382	4.3	45
4	Washing Effect on the Synthesis of Silica-Pillared Clays. <i>Journal of Porous Materials</i> , <b>2004</b> , 11, 157-162	2.4	11
3	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> , <b>2002</b> , 12, 3832-3838		56
2	Thermal stability of monometallic Co-hydrotalcite. <i>Materials Letters</i> , <b>2002</b> , 57, 679-683	3.3	11
1	Preparation and Characterization of Montmorillonites Pillared by Cationic Silicon Species. <i>Clays and Clay Minerals</i> , <b>1994</b> , 42, 161-169	2.1	31