

CITATION REPORT

List of articles citing

Synthesis and Structural Transformations of Hydrotalcite-like Materials Mg-Al and Zn-Al

DOI: 10.1023/a:1014832530184

Russian Journal of Applied Chemistry, 2001, 74, 1621-1626.

Source: <https://exaly.com/paper-pdf/33112616/citation-report.pdf>

Version: 2024-04-17

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
33	Layered double hydroxides as catalysts for aromatic nitrile hydrolysis. <i>Microporous and Mesoporous Materials</i> , 2002 , 56, 241-255	5.3	20
32	Direct Formation of ZnAl Layered Double Hydroxide Films with High Transparency on Glass Substrate by the Sol-Gel Process with Hot Water Treatment. <i>Crystal Growth and Design</i> , 2006 , 6, 1726-1729	3.5	28
31	Ceramic nanovector based on layered double hydroxide: attributes, physiologically relevant compositions and surface activation. <i>Materials Research Innovations</i> , 2007 , 11, 108-117	1.9	8
30	Direct Formation of MgAl-Layered Double-Hydroxide Films on Glass Substrate by the Sol-Gel Method With Hot Water Treatment. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 1940-1942	3.8	28
29	The effect of polymers onto the size of zinc layered hydroxide salt and its calcined product. <i>Solid State Sciences</i> , 2009 , 11, 368-375	3.4	30
28	Phosphate uptake behavior of ZnAlZr ternary layered double hydroxides through surface precipitation. <i>Journal of Colloid and Interface Science</i> , 2010 , 341, 289-97	9.3	59
27	Chromium(VI) Ion Removal from Aqueous Solutions Using a ZnAl-Type Layered Double Hydroxide. <i>Adsorption Science and Technology</i> , 2010 , 28, 267-279	3.6	7
26	Structural Model Proposition and Thermodynamic and Vibrational Analysis of Hydrotalcite-Like Compounds by DFT Calculations. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14133-14140	3.8	70
25	Synthesis of new pentacyclo[5.4.0.0(2,6).0(3,10).0(5,9)]undecane-8,11-dione (PCU) cyanosilylated derivatives using sulphated zirconia and hydrotalcite as catalysts in microwave-assisted reactions under solvent free conditions. <i>Molecules</i> , 2011 , 16, 6561-76	4.8	7
24	Solubility and thermodynamic properties of carbonate-bearing hydrotalcite/pyroaurite solid solutions with a 3:1 Mg/(Al+Fe) mole ratio. <i>Clays and Clay Minerals</i> , 2011 , 59, 215-232	2.1	27
23	The adsorption of Pb(II) on Mg2Al layered double hydroxide. <i>Chemical Engineering Journal</i> , 2011 , 171, 167-174	14.7	202
22	The role of trivalent cations and interlayer anions on the formation of layered double hydroxides in an oxalic-CO2 medium. <i>Applied Surface Science</i> , 2012 , 263, 633-639	6.7	17
21	Silicate anion-stabilized layered magnesium-aluminum hydrotalcite. <i>RSC Advances</i> , 2013 , 3, 16392	3.7	23
20	In situ incorporation of arsenic, molybdenum, and selenium during precipitation of hydrotalcite-like layered double hydroxides. <i>Applied Clay Science</i> , 2013 , 77-78, 33-39	5.2	24
19	Influence of a doubly charged cation nature on the formation and properties of mixed oxides MAO _x (M = Mg ²⁺ , Zn ²⁺ , Ni ²⁺) obtained from the layered hydroxide precursors. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2349-2361	1.7	16
18	Environmentally Benign Neem Biodiesel Synthesis Using Nano-Zn-Mg-Al Hydrotalcite as Solid Base Catalysts. <i>Journal of Catalysts</i> , 2014 , 2014, 1-6		9
17	Thermal decomposition of layered double hydroxides Mg-Al, Ni-Al, Mg-Ga: Structural features of hydroxide, dehydrated, and oxide phases. <i>Journal of Structural Chemistry</i> , 2014 , 55, 1326-1341	0.9	7

16	Mg-Al-Fe-containing layered hydroxides. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1463-1467	0.7	2
15	Adsorption of boron on calcined AlMg layered double hydroxide from aqueous solutions. Mechanism and effect of operating conditions. <i>Chemical Engineering Journal</i> , 2014 , 245, 248-257	14.7	34
14	Formation and crystallization of Mg ₂ -Fe ₃ -BO ₄ -(CO ₃) ₂ -type anionic clays. <i>Applied Clay Science</i> , 2014 , 88-89, 111-122	5.2	10
13	The effect of the divalent metal on the intercalation capacity of stearate anions into layered double hydroxide nanolayers. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 22, 63-69	6.3	7
12	M-Al-SO ₄ layered double hydroxides (M=Zn, Mg or Ni): synthesis, characterization and textile dyes removal efficiency. <i>Desalination and Water Treatment</i> , 2016 , 57, 21564-21576		12
11	Optimization of CO adsorption capacity and cyclical adsorption/desorption on tetraethylenepentamine-supported surface-modified hydrotalcite. <i>Journal of Environmental Sciences</i> , 2018 , 65, 293-305	6.4	18
10	X-RAY Diffraction and Fourier Transform Infrared Study of Ca-Mg-Al Hydrotalcite from Artificial Brine Water with Synthesis Hydrothermal Treatments. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 333, 012006	0.4	2
9	Alkali-Free Zn-Al Layered Double Hydroxide Catalysts for Triglyceride Transesterification. <i>Catalysts</i> , 2018 , 8, 667	4	5
8	Crystal chemistry of natural layered double hydroxides: 4. Crystal structures and evolution of structural complexity of quintinite polytypes from the Kovdor alkaline-ultrabasic massif, Kola peninsula, Russia. <i>Mineralogical Magazine</i> , 2018 , 82, 329-346	1.7	16
7	Zinc recovery from waste zinc ash - A new green route for the preparation of Zn-Al layered double hydroxide used for molybdate retention. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 332-343	5.7	10
6	Wastewater treatment test by removal of the sulfamethoxazole antibiotic by a calcined layered double hydroxide. <i>Applied Clay Science</i> , 2019 , 168, 87-95	5.2	40
5	Removal and Release of the 2,4,5-Trichlorophenoxyacetic Acid Herbicide from Wastewater by Layered Double Hydroxides. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 2116-2128	3.2	2
4	A New Approach to the Synthesis of Mg-Al Layered Hydroxides. <i>Theoretical Foundations of Chemical Engineering</i> , 2021 , 55, 748-753	0.9	
3	Ultrasound-assisted synthesis of a new material based on MgCoAl-LDH: Characterization and optimization of sorption for progressive treatment of water. <i>Environmental Technology and Innovation</i> , 2022 , 26, 102358	7	1
2	Structural Aspects of Memory Effect for MgGa LDHs: New Data Obtained by Simulation of XRD Patterns for 1D Disordered Crystals. <i>Crystals</i> , 2022 , 12, 629	2.3	1
1	Oxidation of furfural to bio-based molecules with hydrogen peroxide via modified layered double hydroxides: the effect of gold nanoparticles on the selectivity.		