

Vicente Rives

List of Publications by Year in descending order

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337
papers

12,122
citations

25034

57
h-index

40979

93
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346
all docs

346
docs citations

346
times ranked

10026
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of acid and alkaline aluminum extraction valorization procedure for aluminum saline slags. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107546.	6.7	14
2	Fast and Clean Synthesis of Nylon-6/Synthetic Saponite Nanocomposites. <i>Materials</i> , 2022, 15, 163.	2.9	1
3	Photocatalytic Degradation of Paracetamol in Aqueous Medium Using TiO ₂ Prepared by the Sol-Gel Method. <i>Molecules</i> , 2022, 27, 2904.	3.8	6
4	Thermal study of the hydrocalumite-kaotoite-calcite system. <i>Thermochimica Acta</i> , 2022, 713, 179242.	2.7	10
5	Enhanced sorption of perfluorooctane sulfonate and perfluorooctanoate by hydrotalcites. <i>Environmental Technology and Innovation</i> , 2021, 21, 101231.	6.1	16
6	Synthesis of pollucite and analcime zeolites by recovering aluminum from a saline slag. <i>Journal of Cleaner Production</i> , 2021, 297, 126667.	9.3	30
7	Grafting of L-proline and L-phenylalanine amino acids on kaolinite through synthesis catalyzed by boric acid. <i>Applied Surface Science Advances</i> , 2021, 4, 100081.	6.8	0
8	Non-hydrolytic sol-gel synthesis of mesoporous iron-aluminum oxide and their properties in the oxidation of hydrocarbons by hydrogen peroxide. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111317.	4.4	3
9	Optimization of hydrocalumite preparation under microwave irradiation for recovering aluminium from a saline slag. <i>Applied Clay Science</i> , 2021, 212, 106217.	5.2	13
10	Comment on "Synthesis and characterization of a novel nickel pillared clay catalyst: In situ carbon nanotube-clay hybrid nanofiller from Ni-PILC, by M. Asgari, G. Vitale, U. Sundararaj [Applied Clay Science 205 (2021) 106064, doi:10.1016/j.clay.2021.106064]. <i>Applied Clay Science</i> , 2021, 213, 106267.	5.2	1
11	Phase Change Materials (PCMs) Based in Paraffin/Synthetic Saponite Used as Heat Storage Composites. <i>Energies</i> , 2021, 14, 7414.	3.1	3
12	Layered double hydroxide-borate composites supported on magnetic nanoparticles: preparation, characterization and molecular dynamics simulations. <i>Journal of Porous Materials</i> , 2020, 27, 735-743.	2.6	3
13	Fluorescing Layered Double Hydroxides as Tracer Materials for Particle Injection during Subsurface Water Remediation. <i>ChemEngineering</i> , 2020, 4, 53.	2.4	4
14	Inorganic-organic hybrids based on sepiolite as efficient adsorbents of caffeine and glyphosate pollutants. <i>Applied Surface Science Advances</i> , 2020, 1, 100025.	6.8	12
15	Layered Double Hydroxides with Intercalated Permanganate and Peroxydisulphate Anions for Oxidative Removal of Chlorinated Organic Solvents Contaminated Water. <i>Minerals (Basel)</i> , 2020, 10, 1045.	0.784314	10
16	Activity in the Photodegradation of 4-Nitrophenol of a Zn,Al Hydrotalcite-Like Solid and the Derived Alumina-Supported ZnO. <i>Catalysts</i> , 2020, 10, 702.	3.5	13
17	Hydrotalcite stability during long-term exposure to natural environmental conditions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23801-23811.	5.3	2
18	Synthesis of Zn,Al layered double hydroxides in the presence of amines. <i>Applied Clay Science</i> , 2020, 189, 105539.	5.2	8

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19	Sorption of chlorinated hydrocarbons from synthetic and natural groundwater by organo-hydrotalcites: Towards their applications as remediation nanoparticles. <i>Chemosphere</i> , 2019, 236, 124369.	8.2	13
20	White and Red Brazilian SÃ£o SimÃ£oâ€™s Kaoliniteâ€™TiO ₂ Nanocomposites as Catalysts for Toluene Photodegradation from Aqueous Solutions. <i>Materials</i> , 2019, 12, 3943.	2.9	9
21	Effect of Chain Length and Functional Group of Organic Anions on the Retention Ability of MgAl-Layered Double Hydroxides for Chlorinated Organic Solvents. <i>ChemEngineering</i> , 2019, 3, 89.	2.4	10
22	Catalytic activity of porphyrin-catalysts immobilized on kaolinite. <i>Applied Clay Science</i> , 2019, 168, 469-477.	5.2	14
23	Photocatalytic degradation of trimethoprim on doped Ti-pillared montmorillonite. <i>Applied Clay Science</i> , 2019, 167, 43-49.	5.2	23
24	Aminoiron(III)-porphyrin-alumina catalyst obtained by non-hydrolytic sol-gel process for heterogeneous oxidation of hydrocarbons. <i>Molecular Catalysis</i> , 2019, 462, 114-125.	2.0	23
25	Propane oxidative dehydrogenation over V-containing mixed oxides derived from decavanadate-exchanged ZnAl-layered double hydroxides prepared by a sol-gel method. <i>Comptes Rendus Chimie</i> , 2018, 21, 210-220.	0.5	10
26	Controlling the Synthesis Conditions for Tuning the Properties of Hydrotalcite-Like Materials at the Nano Scale. <i>ChemEngineering</i> , 2018, 2, 31.	2.4	12
27	Adsorption-Based Synthesis of Environmentally Friendly Heterogeneous Chromium(III) Catalysts for Oxidation Reactions into Kaolinite, Saponite, and Their Amine-Modified Derivatives. <i>ACS Applied Nano Materials</i> , 2018, 1, 3867-3877.	5.0	6
28	Synthesis of Zeolite A from Metakaolin and Its Application in the Adsorption of Cationic Dyes. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 608.	2.5	41
29	Photodegradation of 1,2,4-Trichlorobenzene on Montmorillonite-TiO ₂ Nanocomposites. <i>ChemEngineering</i> , 2018, 2, 22.	2.4	5
30	Eu ³⁺ and Tb ³⁺ -Dipicolinate Complexes Covalently Grafted into Kaolinite as Luminescence-Functionalized Clay Hybrid Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5081-5088.	3.1	13
31	Effect of dopants on the structure of titanium oxide used as a photocatalyst for the removal of emergent contaminants. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 183-191.	5.8	44
32	Doped Ti-pillared clays as effective adsorbents - Application to methylene blue and trimethoprim removal. <i>Environmental Chemistry</i> , 2017, 14, 267.	1.5	12
33	Kaolinite-polymer compounds by grafting of 2-hydroxyethyl methacrylate and 3-(trimethoxysilyl)propyl methacrylate. <i>Applied Clay Science</i> , 2017, 146, 526-534.	5.2	14
34	Laponite functionalized with biuret and melamine - Application to adsorption of antibiotic trimethoprim. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 112-122.	4.4	17
35	Microwave-assisted synthesis of Ni, Zn layered double hydroxysalts. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 129-136.	4.4	5
36	Effect of chemical modification of palygorskite and sepiolite by 3-aminopropyltriethoxysilane on adsorption of cationic and anionic dyes. <i>Applied Clay Science</i> , 2017, 135, 394-404.	5.2	112

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37	Comments on the application of the Scherrer equation in "Copper aluminum mixed oxide (CuAl MO) catalyst: A green approach for the one-pot synthesis of imines under solvent-free conditions" by Suib et al. [Appl. Catal. B: Environ, 188 (2016) 227-234, doi:10.1016/j.apcatb.2016.02.007]. Applied Catalysis B: Environmental, 2017, 202, 418-419.	20.2	9
38	Hydrothermal synthesis of Sm ₂ Sn ₂ O ₇ pyrochlore accelerated by microwave irradiation. A comparison with the solid state synthesis method. Ceramics International, 2016, 42, 15950-15954.	4.8	10
39	Luminescence properties of lanthanide-containing layered double hydroxides. Microporous and Mesoporous Materials, 2016, 226, 209-220.	4.4	23
40	Hydrotalcite catalysis for the synthesis of new chiral building blocks. Natural Product Research, 2016, 30, 834-840.	1.8	6
41	Rare earth and zinc layered hydroxide salts intercalated with the 2-aminobenzoate anion as organic luminescent sensitizer. Materials Research Bulletin, 2015, 70, 336-342.	5.2	25
42	Saponites containing divalent transition metal cations in octahedral positions " Exploration of synthesis possibilities using microwave radiation and NMR characterization. Applied Clay Science, 2015, 115, 24-29.	5.2	12
43	Organically Modified Saponites: SAXS Study of Swelling and Application in Caffeine Removal. ACS Applied Materials & Interfaces, 2015, 7, 10853-10862.	8.0	58
44	Ni-Fe mixed oxides prepared by calcination of layered double hydroxides: Potential pigments for the ceramic industry. Ceramics International, 2015, 41, 8451-8460.	4.8	9
45	Preparation, characterization and application of nanosized copper ferrite photocatalysts for dye degradation under UV irradiation. Materials Chemistry and Physics, 2015, 160, 271-278.	4.0	49
46	Structural, textural and acidic properties of Cu-, Fe- and Cr-doped Ti-pillared montmorillonites. Applied Clay Science, 2015, 118, 124-130.	5.2	36
47	Effect of surfactants on the properties of hydrotalcites prepared by the reverse micelle method. Materials Chemistry and Physics, 2015, 151, 140-148.	4.0	5
48	Kaolinite-titanium oxide nanocomposites prepared via sol-gel as heterogeneous photocatalysts for dyes degradation. Catalysis Today, 2015, 246, 133-142.	4.4	61
49	Microwave hydrothermal synthesis of A ₂ Sn ₂ O ₇ (A=Eu or Y). Ceramics International, 2015, 41, 2266-2270.	4.8	10
50	Comment on "Iron oxide-pillared clay catalyzed the synthesis of acetonides from epoxides" by P. Trikitiwong, N. Sukpirom, S. Shimazu, W. Chavasiri, Catalysis Communications 54 (2014) 104-107 (doi: 10.1039/C4CC00099G) /Overlock	4.0	1
51	Layered Zinc Hydroxide Salts Intercalated with Anionic Surfactants and Adsorbed with UV Absorbing Organic Molecules. Journal of the Brazilian Chemical Society, 2015, , .	0.6	4
52	Intercalation of drugs in layered double hydroxides and their controlled release: A review. Applied Clay Science, 2014, 88-89, 239-269.	5.2	324
53	Versatile heterogeneous dipicolinate complexes grafted into kaolinite: Catalytic oxidation of hydrocarbons and degradation of dyes. Catalysis Today, 2014, 227, 105-115.	4.4	25
54	Tetracarboxyphenylporphyrin-Kaolinite Hybrid Materials as Efficient Catalysts and Antibacterial Agents. Journal of Physical Chemistry C, 2014, 118, 24562-24574.	3.1	23

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55	Differently aged gallium-containing layered double hydroxides. <i>Applied Clay Science</i> , 2013, 80-81, 326-333.	5.2	12
56	Characterization of a Sulfadiazine-Induced Lithiasis Calculus by Physicochemical Techniques. <i>AAPS PharmSciTech</i> , 2013, 14, 128-132.	3.3	3
57	Improvement of Quality in Publication of Experimental Thermophysical Property Data: Challenges, Assessment Tools, Global Implementation, and Online Support. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2699-2716.	1.9	236
58	Layered double hydroxides as drug carriers and for controlled release of non-steroidal antiinflammatory drugs (NSAIDs): A review. <i>Journal of Controlled Release</i> , 2013, 169, 28-39.	9.9	204
59	Drug release from layered double hydroxides and from their polylactic acid (PLA) nanocomposites. <i>Applied Clay Science</i> , 2013, 71, 1-7.	5.2	70
60	Guidelines for reporting of phase equilibrium measurements (IUPAC Recommendations 2012). <i>Pure and Applied Chemistry</i> , 2012, 84, 1785-1813.	1.9	27
61	Influence of divalent metal on the decomposition products of hydrotalcite-like ternary systems MII-Al-Cr (MII=Zn, Cd). <i>Materials Chemistry and Physics</i> , 2012, 132, 375-386.	4.0	10
62	Characterisation of Diclofenac, Ketoprofen or Chloramphenicol Succinate encapsulated in layered double hydroxides with the hydrotalcite-type structure. <i>Applied Clay Science</i> , 2012, 55, 158-163.	5.2	47
63	Development of a black ceramic pigment from non stoichiometric hydrotalcites. <i>Journal of the European Ceramic Society</i> , 2012, 32, 975-987.	5.7	16
64	Multiwavelength Luminescence in Lanthanide-Doped Hydrocalumite and Mayenite. <i>Chemistry of Materials</i> , 2011, 23, 1993-2004.	6.7	42
65	New Highly Luminescent Hybrid Materials: Terbium Pyridine [~] Picolinate Covalently Grafted on Kaolinite. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1311-1318.	8.0	65
66	Rapid microwave-assisted synthesis of saponites and their use as oxidation catalysts. <i>Applied Clay Science</i> , 2011, 53, 326-330.	5.2	27
67	Comment on "Liquid phase oxidation of p-vanillyl alcohol over synthetic Co-saponite catalyst" by A.C. Garade, N.S. Biradar, S.M. Joshi, V.S. Kshirsagar, R.K. Jha, C.V. Rode [<i>Applied Clay Science</i> (2010), doi:10.1016/j.clay.2010.10.026]. <i>Applied Clay Science</i> , 2011, 52, 190-191.	5.2	1
68	Layered double hydroxide/polyethylene terephthalate nanocomposites. Influence of the intercalated LDH anion and the type of polymerization heating method. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2862-2869.	2.9	27
69	Zn,Al hydrotalcites calcined at different temperatures: Preparation, characterization and photocatalytic activity in gas [~] solid regime. <i>Journal of Molecular Catalysis A</i> , 2011, 342-343, 83-90.	4.8	86
70	A comment on "Mechano-chemical effects on surface properties and molybdate exchange on hydrotalcite", <i>Clay Minerals</i> (2009) 44, 311-317. <i>Clay Minerals</i> , 2010, 45, 241-243.	0.6	0
71	Structural characterization and thermal properties of polyamide 6.6/Mg, Al/adipate-LDH nanocomposites obtained by solid state polymerization. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1645-1651.	2.9	36
72	Influence of Copper on the Isomerization of Eugenol for as-Synthesized NiCuAl Ternary Hydrotalcites: An Understanding Through Physicochemical Study. <i>Catalysis Letters</i> , 2010, 134, 337-342.	2.6	18

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73	Dialkylation of Naphthalene with Isopropanol Over H ₃ PO ₄ /MCM-41 Catalysts for the Environmentally Friendly Synthesis of 2,6-Dialkyl-naphthalene. <i>Catalysis Letters</i> , 2010, 136, 141-149.	2.6	2
74	X-ray Rietveld analysis and Fourier transform infrared spectra of the solid solutions [Eu _{2-3x} M] ₃ [Sn _{2-3x} M] ₃ (M = Mg or Zn). <i>Materials Research Bulletin</i> , 2010, 45, 29-33.	5.2	9
75	Inclusion and Release of Fenbufen in Mesoporous Silica. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3372-3380.	3.3	30
76	Solubility and release of fenbufen intercalated in Mg, Al and Mg, Al, Fe layered double hydroxides (LDH): The effect of Eudragit® S 100 covering. <i>Journal of Solid State Chemistry</i> , 2010, 183, 3002-3009.	2.9	39
77	Influence of the inorganic matrix nature on the sustained release of naproxen. <i>Microporous and Mesoporous Materials</i> , 2010, 130, 229-238.	4.4	51
78	Making impact in thermal sciences: Overview of highly cited papers published in <i>Thermochimica Acta</i> . <i>Thermochimica Acta</i> , 2010, 500, 1-5.	2.7	7
79	Microwave radiation and mechanical grinding as new ways for preparation of saponite-like materials. <i>Applied Clay Science</i> , 2010, 48, 32-38.	5.2	36
80	Effect of post-synthesis microwave-hydrothermal treatment on the properties of layered double hydroxides and related materials. <i>Applied Clay Science</i> , 2010, 48, 218-227.	5.2	57
81	Chromate intercalation in Ni-Zn layered hydroxide salts. <i>Applied Clay Science</i> , 2010, 49, 176-181.	5.2	19
82	Heterogeneous Catalysis by Polyoxometalate-Intercalated Layered Double Hydroxides. , 2010, , 319-397.		11
83	Structural determination of new solid solutions [Y _{2-x} M _x] ₃ [Sn _{2-x} M _x] ₃ (M = Mg or Zn) by Rietveld method. <i>Processing and Application of Ceramics</i> , 2010, 4, 237-243.	0.8	4
84	Microwaves and layered double hydroxides: A smooth understanding. <i>Pure and Applied Chemistry</i> , 2009, 81, 1459-1471.	1.9	38
85	Obtention of low oxidation states of copper from Cu ²⁺ -Al ³⁺ layered double hydroxides containing organic sulfonates in the interlayer. <i>Solid State Sciences</i> , 2009, 11, 688-693.	3.2	7
86	Bioencapsulation of apomyoglobin in nanoporous organosilica sol-gel glasses: Influence of the siloxane network on the conformation and stability of a model protein. <i>Biopolymers</i> , 2009, 91, 895-906.	2.4	35
87	Preparation, alumina-pillaring and oxidation catalytic performances of synthetic Ni-saponite. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 309-316.	4.4	18
88	Preparation and properties of new flame retardant unsaturated polyester nanocomposites based on layered double hydroxides. <i>Polymer Degradation and Stability</i> , 2009, 94, 939-946.	5.8	114
89	Carboxylate-intercalated layered double hydroxides aged under microwave-hydrothermal treatment. <i>Journal of Solid State Chemistry</i> , 2009, 182, 18-26.	2.9	36
90	Nickel-aluminum layered double hydroxides prepared via inverse micelles formation. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1593-1601.	2.9	31

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91	Effect of added zinc on the properties of cobalt-containing ceramic pigments prepared from layered double hydroxides. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2566-2578.	2.9	14
92	Production of carbon nanotubes from methane Use of Co-Zn-Al catalysts prepared by microwave-assisted synthesis. <i>Chemical Engineering Journal</i> , 2009, 149, 455-462.	12.7	62
93	Tungstophosphoric acid supported on polycrystalline TiO ₂ for the photodegradation of 4-nitrophenol in aqueous solution and propan-2-ol in vapour phase. <i>Applied Catalysis A: General</i> , 2009, 356, 172-179.	4.3	33
94	Preparation, characterization and photocatalytic activity of TiO ₂ impregnated with the heteropolyacid H ₃ PW ₁₂ O ₄₀ : Photo-assisted degradation of 2-propanol in gas-phase regime. <i>Applied Catalysis B: Environmental</i> , 2009, 90, 497-506.	20.2	32
95	Bioinorganic Magnetic Core-Shell Nanocomposites Carrying Antiarthritic Agents: Intercalation of Ibuprofen and Glucuronic Acid into Mg-Al-Layered Double Hydroxides Supported on Magnesium Ferrite. <i>Inorganic Chemistry</i> , 2009, 48, 8871-8877.	4.0	99
96	Release studies of different NSAIDs encapsulated in Mg,Al,Fe-hydrotalcites. <i>Applied Clay Science</i> , 2009, 42, 538-544.	5.2	81
97	Dispersion of layered double hydroxides in poly(ethylene terephthalate) by in situ polymerization and mechanical grinding. <i>Applied Clay Science</i> , 2009, 45, 44-49.	5.2	30
98	Synthesis of paracetamol by liquid phase Beckmann rearrangement of 4-hydroxyacetophenone oxime over H ₃ PO ₄ /Al-MCM-41. <i>Catalysis Communications</i> , 2009, 10, 1486-1492.	3.3	27
99	Synthèse et Étude radiocristallographique de nouvelles solutions solides de structure pyrochlore (1-x) A ₂ Sn ₂ O ₇ · x MO (A = Eu, Y ET M = Mg, Zn). <i>Annales De Chimie: Science Des Materiaux</i> , 2009, 34, 21-26.	0.4	2
100	PMo or PW heteropoly acids supported on MCM-41 silica nanoparticles: Characterisation and FT-IR study of the adsorption of 2-butanol. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2046-2057.	2.9	48
101	Favourable influence of hydrophobic surfaces on protein structure in porous organically-modified silica glasses. <i>Biomaterials</i> , 2008, 29, 2710-2718.	11.4	60
102	In situ microwave-assisted polymerization of polyethylene terephthalate in layered double hydroxides. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1388-1394.	2.6	44
103	Microwave-assisted reconstruction of Ni,Al hydrotalcite-like compounds. <i>Journal of Solid State Chemistry</i> , 2008, 181, 987-996.	2.9	49
104	Optimum conditions for intercalation of lacunary tungstophosphate(V) anions into layered Ni(II)-Zn(II) hydroxyacetate. <i>Journal of Solid State Chemistry</i> , 2008, 181, 3086-3094.	2.9	12
105	Inorganic gels as precursors of TiO ₂ photocatalysts prepared by low temperature microwave or thermal treatment. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 742-748.	20.2	46
106	Oxidative dehydrogenation of propane on Mg-V-Al mixed oxides. <i>Applied Catalysis A: General</i> , 2008, 342, 93-98.	4.3	30
107	Microwave-hydrothermally aged Zn,Al hydrotalcite-like compounds: Influence of the composition and the irradiation conditions. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 292-302.	4.4	70
108	Intercalation of metal-edta complexes in Ni-Zn layered hydroxysalts and study of their thermal stability. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 262-272.	4.4	22

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109	Synthesis, characterisation and delamination behaviour of lactate-intercalated Mg,Al-hydrotalcite-like compounds. <i>Solid State Sciences</i> , 2008, 10, 1333-1341.	3.2	52
110	Protein Adsorption onto Organically Modified Silica Glass Leads to a Different Structure than Sol-Gel Encapsulation. <i>Biophysical Journal</i> , 2008, 95, L51-L53.	0.5	21
111	Microwave-Assisted Homogeneous Precipitation of Hydrotalcites by Urea Hydrolysis. <i>Inorganic Chemistry</i> , 2008, 47, 5453-5463.	4.0	76
112	Size control and optimisation of intercalated layered double hydroxides. <i>Applied Clay Science</i> , 2008, , .	5.2	8
113	Preparation of Composites by <i>In Situ</i> Polymerisation of PET-Hydrotalcite Using Dodecylsulphate. <i>Materials Science Forum</i> , 2008, 587-588, 568-571.	0.3	2
114	Solubility and release of fenamates intercalated in layered double hydroxides. <i>Clay Minerals</i> , 2008, 43, 255-265.	0.6	24
115	Change in Microporosity of Granitic Building Stones upon Consolidation Treatments. <i>Journal of Materials in Civil Engineering</i> , 2007, 19, 437-440.	2.9	5
116	Intercalation of mefenamic and meclofenamic acid anions in hydrotalcite-like matrixes. <i>Applied Clay Science</i> , 2007, 36, 133-140.	5.2	37
117	A comparative study between chloride and calcined carbonate hydrotalcites as adsorbents for Cr(VI). <i>Applied Clay Science</i> , 2007, 37, 231-239.	5.2	108
118	Rotational Fluctuations of Water Confined to Layered Oxide Materials: Nonmonotonous Temperature Dependence of Relaxation Times. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5166-5175.	2.5	27
119	Photoactivity of nanostructured TiO ₂ catalysts in aqueous system and their surface acid-base, bulk and textural properties. <i>Research on Chemical Intermediates</i> , 2007, 33, 465-479.	2.7	13
120	Vapor-phase alkylation of toluene by benzyl alcohol on H ₃ PO ₄ -modified MCM-41 mesoporous silicas. <i>Catalysis Communications</i> , 2007, 8, 49-56.	3.3	32
121	Nanosize cobalt oxide-containing catalysts obtained through microwave-assisted methods. <i>Catalysis Today</i> , 2007, 128, 129-137.	4.4	84
122	Stabilization of Co ²⁺ in layered double hydroxides (LDHs) by microwave-assisted ageing. <i>Journal of Solid State Chemistry</i> , 2007, 180, 873-884.	2.9	62
123	Synthesis of Cd/(Al+Fe) layered double hydroxides and characterization of the calcination products. <i>Journal of Solid State Chemistry</i> , 2007, 180, 3434-3442.	2.9	15
124	Incidence of Microwave Hydrothermal Treatments on the Crystallinity Properties of Hydrotalcite-like Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1815-1819.	1.2	22
125	Chromium and yttrium-doped magnesium aluminum oxides prepared from layered double hydroxides. <i>Solid State Sciences</i> , 2007, 9, 1115-1125.	3.2	24
126	An FT-IR study of the adsorption of isopropanol on calcined layered double hydroxides containing isopolymolybdate. <i>Catalysis Today</i> , 2007, 126, 153-161.	4.4	23

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127	Metatungstate and tungstoniobate-containing LDHs: Preparation, characterisation and activity in epoxidation of cyclooctene. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1872-1880.	4.0	28
128	Heterogeneous hydrogenation of bicyclo[2.2.2]octenes on Rh/TPPTS/LDH catalysts. <i>Journal of Molecular Catalysis A</i> , 2007, 276, 34-40.	4.8	17
129	Co-Containing LDHs Synthesized by the Microwave-Hydrothermal Method. <i>Materials Science Forum</i> , 2006, 514-516, 1241-1245.	0.3	0
130	Uniform Fast Growth of Hydrotalcite-like Compounds. <i>Crystal Growth and Design</i> , 2006, 6, 1961-1966.	3.0	66
131	Structural Characterization and Delamination of Lactate-Intercalated Zn,Al-Layered Double Hydroxides. <i>Chemistry of Materials</i> , 2006, 18, 3114-3121.	6.7	127
132	Structural and Texture Evolution with Temperature of Layered Double Hydroxides Intercalated with Paramolybdate Anions. <i>Inorganic Chemistry</i> , 2006, 45, 1243-1251.	4.0	60
133	Characterization of Chromate-Intercalated Layered Double Hydroxides. <i>Materials Science Forum</i> , 2006, 514-516, 1541-1545.	0.3	6
134	Characterization of Intercalated Ni/Al Hydrotalcites Prepared by the Partial Decomposition of Urea. <i>Crystal Growth and Design</i> , 2006, 6, 1533-1536.	3.0	55
135	Influence of the active phase structure Bi-Mo-Ti-O in the selective oxidation of propene. <i>Catalysis Today</i> , 2006, 112, 121-125.	4.4	8
136	Influence of the solid state properties of Pd/MOx (M=Ti, Al) catalysts in catalytic combustion of methane. <i>Catalysis Today</i> , 2006, 112, 161-164.	4.4	4
137	Influence of microwave radiation on the textural properties of layered double hydroxides. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 148-158.	4.4	104
138	Hydrotalcites composition as catalysts: Preparation and their behavior on epoxidation of two bicycloalkenes. <i>Microporous and Mesoporous Materials</i> , 2006, 95, 39-47.	4.4	19
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