

Morena Nocchetti

List of Publications by Year in descending order

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papers

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times ranked

5213
citing authors

#	ARTICLE	IF	CITATIONS
1	New Synthetic Routes to Hydrotalcite-Like Compounds and Characterisation and Properties of the Obtained Materials. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1439-1446.	2.0	581
2	Hydrotalcite-like compounds: Versatile layered hosts of molecular anions with biological activity. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 149-160.	4.4	261
3	Anion Exchange of Methyl Orange into Zn-Al Synthetic Hydrotalcite and Photophysical Characterization of the Intercalates Obtained. <i>Langmuir</i> , 1999, 15, 4454-4460.	3.5	225
4	Oxidative Methanol Reforming Reactions on CuZnAl Catalysts Derived from Hydrotalcite-like Precursors. <i>Journal of Catalysis</i> , 2001, 198, 338-347.	6.2	167
5	New Polymeric Composites Based on Poly(μ -caprolactone) and Layered Double Hydroxides Containing Antimicrobial Species. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 668-677.	8.0	131
6	Organized chromophores in layered inorganic matrices. <i>Inorganica Chimica Acta</i> , 2007, 360, 728-740.	2.4	123
7	New nanocomposites constituted of polyethylene and organically modified ZnAl-hydrotalcites. <i>Polymer Degradation and Stability</i> , 2005, 90, 586-590.	5.8	115
8	Effect of hydrotalcite-like compounds on the aqueous solubility of some poorly water-soluble drugs. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1407-1418.	3.3	113
9	Intercalation and grafting of hydrogen phosphates and phosphonates into synthetic hydrotalcites and a.c.-conductivity of the compounds thereby obtained. <i>Solid State Ionics</i> , 1997, 97, 203-212.	2.7	112
10	Surface Uptake and Intercalation of Fluorescein Anions into Zn-Al-Hydrotalcite. Photophysical Characterization of Materials Obtained. <i>Langmuir</i> , 2000, 16, 10351-10358.	3.5	110
11	New advances in zirconium phosphate and phosphonate chemistry: Structural archetypes. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 58-70.	4.4	106
12	Anionic clays for sunscreen agent safe use: Photoprotection, photostability and prevention of their skin penetration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 62, 185-193.	4.3	96
13	Recent progress in the synthesis and application of organically modified hydrotalcites. <i>Zeitschrift für Kristallographie</i> , 2009, 224, 273-281.	1.1	89
14	Intercalation and release of antiinflammatory drug diclofenac into nanosized ZnAl hydrotalcite-like compound. <i>Applied Clay Science</i> , 2011, 53, 374-378.	5.2	86
15	Ag/AgCl nanoparticle decorated layered double hydroxides: synthesis, characterization and antimicrobial properties. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2383.	5.8	79
16	Modified layered double hydroxides in polycaprolactone as a tunable delivery system: in vitro release of antimicrobial benzoate derivatives. <i>Applied Clay Science</i> , 2011, 52, 34-40.	5.2	77
17	Nano-hybrids incorporation into poly(μ -caprolactone) for multifunctional applications: Mechanical and barrier properties. <i>European Polymer Journal</i> , 2010, 46, 418-427.	5.4	73
18	Preparation and photo-physical characterisation of nanocomposites obtained by intercalation and co-intercalation of organic chromophores into hydrotalcite-like compounds. <i>Journal of Materials Chemistry</i> , 2002, 12, 3316-3323.	6.7	71

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19	A Layered Mixed Zirconium Phosphate/Phosphonate with Exposed Carboxylic and Phosphonic Groups: X-ray Powder Structure and Proton Conductivity Properties. <i>Inorganic Chemistry</i> , 2014, 53, 13220-13226.	4.0	71
20	Montmorillonite-chitosan-chlorhexidine composite films with antibiofilm activity and improved cytotoxicity for wound dressing. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 265-272.	9.4	70
21	Preparation, Characterization, and Structure of Zirconium Fluoride Alkylamino-N,N-bis Methylphosphonates: A New Design for Layered Zirconium Diphosphonates with a Poorly Hindered Interlayer Region. <i>Journal of the American Chemical Society</i> , 2002, 124, 8428-8434.	13.7	68
22	Zinc-aluminum hydrotalcites as precursors of basic catalysts: Preparation, characterization and study of the activation of methanol. <i>Catalysis Today</i> , 2010, 152, 104-109.	4.4	66
23	Preparation and deprotection of 1,1-diacetates (acylals) using zirconium sulfophenyl phosphonate as catalyst. <i>Tetrahedron Letters</i> , 2002, 43, 2709-2711.	1.4	65
24	Use of anionic clays for photoprotection and sunscreen photostability: Hydrotalcites and phenylbenzimidazole sulfonic acid. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1079-1083.	4.0	64
25	Hydrotalcite-Like Nanocrystals from Water-in-Oil Microemulsions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2603-2611.	2.0	63
26	Hydrotalcite-like compounds as catalysts in liquid phase organic synthesis. <i>Journal of Molecular Catalysis A</i> , 2003, 195, 245-252.	4.8	56
27	Physical properties of fixed-charge layer double hydroxides. <i>Physical Review B</i> , 2000, 61, 11348-11358.	3.2	54
28	Effect of gliclazide immobilization into layered double hydroxide on drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 285-291.	4.3	53
29	On the Intercalation of the Iodine-Iodide Couple on Layered Double Hydroxides with Different Particle Sizes. <i>Inorganic Chemistry</i> , 2012, 51, 2560-2568.	4.0	52
30	Sunscreen immobilization on ZnAl-hydrotalcite for new cosmetic formulations. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 180-189.	4.4	50
31	Eudragit® and hydrotalcite-like anionic clay composite system for diclofenac colonic delivery. <i>Microporous and Mesoporous Materials</i> , 2008, 115, 405-415.	4.4	50
32	Keratin-hydrotalcites hybrid films for drug delivery applications. <i>European Polymer Journal</i> , 2018, 105, 177-185.	5.4	50
33	Activity and Recyclability of an Iridium-EDTA Water Oxidation Catalyst Immobilized onto Rutile TiO ₂ . <i>ACS Catalysis</i> , 2015, 5, 264-271.	11.2	48
34	Incorporation of active nano-hybrids into poly(ϵ -caprolactone) for local controlled release: Antifibrinolytic drug. <i>Applied Clay Science</i> , 2009, 43, 350-356.	5.2	47
35	Structural, Photophysical, and Photochemical Characterization of 9-Anthracenecarboxylate-Hydrotalcite Nanocomposites: Evidence of a Reversible Light-Driven Reaction. <i>Langmuir</i> , 2007, 23, 12337-12343.	3.5	46
36	Preparation and characterisation of hydrotalcite/carboxyadamantane intercalation compounds as fillers of polymeric nanocomposites. <i>Journal of Materials Chemistry</i> , 2007, 17, 1079-1086.	6.7	44

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37	Ion exchange and intercalation properties of layered double hydroxides towards halide anions. Dalton Transactions, 2014, 43, 11587-11596.	3.3	44
38	Anionic conducting composite membranes based on aromatic polymer and layered double hydroxides. International Journal of Hydrogen Energy, 2017, 42, 3197-3205.	7.1	44
39	Effect of different fabrication methods on the chemo-physical properties of silk fibroin films and on their interaction with neural cells. RSC Advances, 2016, 6, 9304-9314.	3.6	43
40	Unexpected chromogenic properties of 1,3,3-trimethylspiro(indoline-2,3- ϵ -[3H]naphtho [2,1-b][1,4]oxazine) in the solid phase: photochromism, piezochromism and acidochromism. New Journal of Chemistry, 2004, 28, 379-386.	2.8	42
41	Accessing stable zirconium carboxy-aminophosphonate nanosheets as support for highly active Pd nanoparticles. Chemical Communications, 2015, 51, 15990-15993.	4.1	42
42	New Architectures for Zirconium Polyphosphonates with a Tailor-Made Open-Framework Structure. Inorganic Chemistry, 2006, 45, 2388-2390.	4.0	41
43	New Insights on the Incorporation of Lanthanide Ions into Nanosized Layered Double Hydroxides. Inorganic Chemistry, 2012, 51, 13229-13236.	4.0	41
44	Immobilized palladium nanoparticles on potassium zirconium phosphate as an efficient recoverable heterogeneous catalyst for a clean Heck reaction in flow. Journal of Molecular Catalysis A, 2015, 401, 27-34.	4.8	41
45	Nanosized zirconium phosphate/AgCl composite materials: a new synergy for efficient photocatalytic degradation of organic dye pollutants. Journal of Materials Chemistry A, 2015, 3, 5525-5534.	10.3	41
46	Nano-hybrid electrospun non-woven mats made of wool keratin and hydrotalcites as potential bio-active wound dressings. Nanoscale, 2019, 11, 6422-6430.	5.6	41
47	Space-resolved fluorescence properties of phenolphthalein-hydrotalcite nanocomposites Presented at the LANMAT 2001 Conference on the Interaction of Laser Radiation with Matter at Nanoscopic Scales: From Single Molecule Spectroscopy to Materials Processing, Venice, 3 ϵ -6 October, 2001.. Physical Chemistry Chemical Physics, 2002, 4, 2792-2798.	2.8	40
48	Synthesis of colloidal dispersions of NiAl, ZnAl, NiCr, ZnCr, NiFe, and MgFe hydrotalcite-like nanoparticles. Journal of Colloid and Interface Science, 2012, 376, 20-27.	9.4	40
49	Layered double hydroxides are still out in the bloom: Syntheses, applications and advantages of three-dimensional flower-like structures. Advances in Colloid and Interface Science, 2020, 285, 102284.	14.7	40
50	Direct Aza ϵ -Diels ϵ -Alder Reaction in Water Catalyzed by Layered ϵ -Zirconium Hydrogen Phosphate and Sodium Dodecyl Sulfate. European Journal of Organic Chemistry, 2009, 2009, 1214-1220.	2.4	39
51	Effects of hydrotalcite-like nanostructured compounds on biopharmaceutical properties and release of BCS class II drugs: The case of flurbiprofen. Applied Clay Science, 2011, 51, 407-413.	5.2	37
52	Colloidal nickel(0)-carboxymethyl cellulose particles: A biopolymer-inorganic catalyst for hydrogenation of nitro-aromatics and carbonyl compounds. Catalysis Communications, 2013, 32, 92-100.	3.3	37
53	Crystal engineering on layered zirconium phosphonates. Crystal structure (from X-ray powder data) and non-covalent interactions on the layered zirconium compound of 4-[bis(phosphonomethyl)amino]butanoic acid. Journal of Materials Chemistry, 2002, 12, 3254-3260.	6.7	35
54	Innovative Multifunctional Silk Fibroin and Hydrotalcite Nanocomposites: A Synergic Effect of the Components. Biomacromolecules, 2014, 15, 158-168.	5.4	35

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55	Folic acid-layered double hydroxides hybrids in skin formulations: Technological, photochemical and in vitro cytotoxicity on human keratinocytes and fibroblasts. <i>Applied Clay Science</i> , 2019, 168, 382-395.	5.2	35
56	Hydrotalcite-like compounds as heterogeneous catalysts in liquid phase organic synthesis. II. Preparation of 4H-chromenes promoted by hydrotalcite doped with hydrous tin(IV) oxide. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 16-22.	4.4	33
57	Co-based hydrotalcites as new catalysts for the Fischer-Tropsch synthesis process. <i>Fuel</i> , 2014, 119, 62-69.	6.4	33
58	Investigation on the effect of known potent <i>S. aureus</i> NorA efflux pump inhibitors on the staphylococcal biofilm formation. <i>RSC Advances</i> , 2017, 7, 37007-37014.	3.6	33
59	Immobilized Palladium Nanoparticles on Zirconium Carboxy-Aminophosphonates Nanosheets as an Efficient Recoverable Heterogeneous Catalyst for Suzuki-Miyaura and Heck Coupling. <i>Catalysts</i> , 2017, 7, 186.	3.5	31
60	Molecular modeling of layered double hydroxide intercalated with benzoate, modeling and experiment. <i>Journal of Molecular Modeling</i> , 2007, 13, 937-942.	1.8	29
61	Promethazine-Montmorillonite Inclusion Complex To Enhance Drug Photostability. <i>Langmuir</i> , 2014, 30, 14612-14620.	3.5	29
62	Potassium exchanged layered zirconium phosphate as catalyst in the preparation of 4H-chromenes. <i>Tetrahedron Letters</i> , 2005, 46, 3497-3499.	1.4	28
63	Thermal properties of epoxy resin nanocomposites based on hydrotalcites. <i>Polymer Degradation and Stability</i> , 2011, 96, 164-169.	5.8	28
64	De-Ethylation and Cleavage of Rhodamine B by a Zirconium Phosphate/Silver Bromide Composite Photocatalyst. <i>Catalysts</i> , 2019, 9, 3.	3.5	28
65	Preparation and characterization of zirconium phosphonate-azobenzene intercalation compounds. A structural, photophysical and photochemical study. <i>Journal of Materials Chemistry</i> , 2004, 14, 1656-1662.	6.7	27
66	\pm -Zirconium Sulfophenylphosphonate as a Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-One Derivatives Under Solvent Free Conditions. <i>Catalysis Letters</i> , 2011, 141, 850-853.	2.6	27
67	A Nanoscale Interface Promoting Molecular and Functional Differentiation of Neural Cells. <i>Scientific Reports</i> , 2016, 6, 31226.	3.3	27
68	Clay based polymeric composites: Preparation and quality characterization. <i>Materials Chemistry and Physics</i> , 2010, 123, 372-377.	4.0	26
69	Synthesis and Characterization of Luminescent Nanoclays. <i>Crystal Growth and Design</i> , 2010, 10, 2847-2850.	3.0	26
70	Montmorillonite as an agent for drug photostability. <i>Journal of Materials Chemistry</i> , 2012, 22, 22743.	6.7	25
71	Polydopamine Nanoparticle-Coated Polysulfone Porous Granules as Adsorbents for Water Remediation. <i>ACS Omega</i> , 2019, 4, 4839-4847.	3.5	25
72	Coupling physical chemical techniques with hydrotalcite-like compounds to exploit their structural features and new multifunctional hybrids with luminescent properties. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13254.	2.8	24

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73	Robust Zirconium Phosphate-Phosphonate Nanosheets Containing Palladium Nanoparticles as Efficient Catalyst for Alkynes and Nitroarenes Hydrogenation Reactions. <i>ACS Applied Nano Materials</i> , 2018, 1, 1750-1757.	5.0	24
74	Iridium-Doped Nanosized Zn-Al Layered Double Hydroxides as Efficient Water Oxidation Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32736-32745.	8.0	24
75	Preformulation studies on host-guest composites for oral administration of BCS class IV drugs: HTlc and furosemide. <i>Applied Clay Science</i> , 2011, 53, 696-703.	5.2	23
76	Modified Hydrotalcite-Like Compounds as Active Fillers of Biodegradable Polymers for Drug Release and Food Packaging Applications. <i>Recent Patents on Nanotechnology</i> , 2012, 6, 218-230.	1.3	23
77	LDH in Physical, Chemical, Biochemical, and Life Sciences. <i>Developments in Clay Science</i> , 2013, 5, 765-791.	0.5	21
78	Preparation and spectroscopic characterisation of intercalation products of clay and of clay-polypropylene composites with rhodamine B. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 909-914.	4.0	19
79	Synthesis, characterization and <i>in vitro</i> extracellular and intracellular activity against <i>Mycobacterium tuberculosis</i> infection of new second-line antitubercular drug-palladium complexes. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 66, 106-121.	2.4	19
80	Efficiency enhancement of P3HT:PCBM solar cells containing scattering Zn-Al hydrotalcite nanoparticles in the PEDOT:PSS layer. <i>Organic Photonics and Photovoltaics</i> , 2013, 1, 1-10.	1.3	19
81	Facile preparation of organic-inorganic hydrogels containing silver or essential oil with antimicrobial effects. <i>Applied Clay Science</i> , 2020, 190, 105567.	5.2	19
82	Intercalation of a nitronyl nitroxide radical into layered inorganic hosts. <i>Inorganica Chimica Acta</i> , 2002, 338, 127-132.	2.4	18
83	Structural homologies in benzylamino-N,N-bis methylphosphonic acid and its layered zirconium derivative. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4013-4022.	2.9	18
84	A Ternary Zn-Al-Ir Hydrotalcite-Like Compound Exhibiting High Efficiency and Recyclability as a Water Oxidation Catalyst. <i>ChemPlusChem</i> , 2016, 81, 1060-1063.	2.8	18
85	A new photo-functional material constituted by a spirooxazine supported on a zirconium diphosphonate fluoride. <i>Journal of Materials Chemistry</i> , 2002, 12, 2872-2878.	6.7	17
86	Chiral borane of layered Zn-Al-Zirconium-N-(m-sulfophenyl)-l-Valine-Phosphonate Methanphosphonate promoters for the asymmetric Mukaiyama Aldol reaction. <i>Applied Catalysis A: General</i> , 2007, 326, 100-105.	4.3	17
87	Photoinduced Formation of Bithiophene Radical Cation via a Hole-Transfer Process from CdS Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23996-24002.	3.1	16
88	Effect of iodine intercalation in nanosized layered double hydroxides for the preparation of quasi-solid electrolyte in DSSC devices. <i>Solar Energy</i> , 2014, 107, 692-699.	6.1	15
89	Bioinspired Reactive Interfaces Based on Layered Double Hydroxides-Zn Rich Hydroxyapatite with Antibacterial Activity. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1361-1373.	5.2	15
90	Immobilization of kojic acid in ZnAl-hydrotalcite like compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 94-98.	4.0	14

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91	Hydrotalcite composites for an effective fluoride buccal administration: A new technological approach. <i>International Journal of Pharmaceutics</i> , 2013, 454, 259-268.	5.2	14
92	Selective MW-assisted surface chemical tailoring of hydrotalcites for fluorescent and biocompatible nanocomposites. <i>RSC Advances</i> , 2014, 4, 11840.	3.6	14
93	Development of Smart Semisolid Formulations to Enhance Retinoic Acid Topical Application. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3904-3912.	3.3	14
94	Effect of the Synthesis Route and Fe Presence on the Redox Activity of Ni in Layered Double Hydroxides. <i>ChemElectroChem</i> , 2016, 3, 1320-1328.	3.4	14
95	Hydrogels: A "stepping stone"™ towards new cleaning strategies for biodeteriorated surfaces. <i>Journal of Cultural Heritage</i> , 2021, 47, 1-11.	3.3	14
96	Effects of different milling techniques on the layered double hydroxides final properties. <i>Applied Clay Science</i> , 2018, 151, 124-133.	5.2	13
97	Solvent-free synthesis of halloysite-layered double hydroxide composites containing salicylate as novel, active fillers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127135.	4.7	13
98	Intercalation and Grafting of n-Alkyl Phosphonates into Synthetic Hydrotalcites. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 311, 207-212.	0.3	12
99	Silver@Hydroxyapatite functionalized calcium carbonate composites: characterization, antibacterial and antibiofilm activities and cytotoxicity. <i>Applied Surface Science</i> , 2022, 586, 152760.	6.1	12
100	Spectrophotometric analysis of nickel colloid performances as catalysts for hydrogenation of nitro-phenol: Influence of the stabilizing agents. <i>Catalysis Communications</i> , 2016, 74, 28-32.	3.3	11
101	Triplet-triplet annihilation based upconversion in silica matrices. <i>Microporous and Mesoporous Materials</i> , 2017, 246, 120-129.	4.4	11
102	Layered double hydroxide and zirconium phosphate as ion exchangers for the removal of "black crusts"™ from the surface of ancient monuments. <i>Dalton Transactions</i> , 2018, 47, 2976-2985.	3.3	11
103	AgCl-ZnAl Layered Double Hydroxides as Catalysts with Enhanced Photodegradation and Antibacterial Activities. <i>Inorganics</i> , 2019, 7, 120.	2.7	11
104	Amino Acid Derivatives of Layered Zirconium Phosphates "±-Zirconium L-(+)-Serinephosphate and Zirconium L-(+)-Serinephosphate Phosphates. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1447-1452.	2.0	10
105	Preparation and spectroscopic characterisation of intercalation compounds of ±-zirconium phosphate with Rhodamine B. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 311, 245-250.	0.3	10
106	Zirconium potassium phosphate methyl and/or phenyl phosphonates as heterogeneous catalysts for Knoevenagel condensation under solvent free conditions. <i>Microporous and Mesoporous Materials</i> , 2018, 268, 251-259.	4.4	10
107	Intercalation of 5-fluorouracil into ZnAl hydrotalcite-like nanoparticles: Preparation, characterization and drug release. <i>Applied Clay Science</i> , 2014, 101, 320-326.	5.2	9
108	Fluorimetric Studies of a Transmembrane Protein and Its Interactions with Differently Functionalized Silver Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6872-6879.	2.6	9

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109	Antibacterial Properties of a Novel Zirconium Phosphate-Glycinediphosphonate Loaded with Either Zinc or Silver. <i>Materials</i> , 2019, 12, 3184.	2.9	9
110	Onion skin extract immobilized on Halloysite-layered double hydroxide filler as active pH indicator for food packaging. <i>Applied Clay Science</i> , 2022, 227, 106592.	5.2	9
111	Unique composition-dependent basal expansion of CO ₃ Cl (H ₂ O) layer double hydroxides. <i>Solid State Communications</i> , 1998, 108, 971-976.	1.9	8
112	Hydrotalcites in nanobiocomposites. , 2011, , 43-85.		8
113	Evaluation and Optimization of the Conditions for an Improved Ferulic Acid Intercalation into a Synthetic Lamellar Anionic Clay. <i>Pharmaceutical Research</i> , 2006, 23, 604-613.	3.5	7
114	Recent developments in intercalation compounds: chemistry and applications. <i>Dalton Transactions</i> , 2018, 47, 2838-2840.	3.3	7
115	Hydroxyapatite Functionalized Calcium Carbonate Composites with Ag Nanoparticles: An Integrated Characterization Study. <i>Nanomaterials</i> , 2021, 11, 2263.	4.1	7
116	Layer Rigidity in Layer Double Hydroxides Containing a Fixed Host-Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 341, 377-382.	0.3	6
117	Solid State Photoreduction of Silver on Mesoporous Silica to Enhance Antifungal Activity. <i>Nanomaterials</i> , 2021, 11, 2340.	4.1	6
118	Redox properties of LDH microcrystals coated with a catechol-bearing phosphonate derived from dopamine. <i>RSC Advances</i> , 2014, 4, 26912-26917.	3.6	5
119	Zirconium Carboxyaminophosphonate Nanosheets as Support for Ag Nanoparticles. <i>Materials</i> , 2019, 12, 3185.	2.9	5
120	Synthesis, Crystal Structure, and Antibacterial Properties of Silver-Functionalized Low-Dimensional Layered Zirconium Phosphonates. <i>Inorganic Chemistry</i> , 2022, 61, 2251-2264.	4.0	5
121	MgAl and ZnAl-Hydrotalcites as Materials for Cosmetic and Pharmaceutical Formulations: Study of Their Cytotoxicity on Different Cell Lines. <i>Pharmaceuticals</i> , 2022, 15, 784.	3.8	5
122	Layered double hydroxides intercalated with fluoride and methacrylate anions as multifunctional filler of acrylic resins for dental composites. <i>Applied Clay Science</i> , 2020, 197, 105796.	5.2	4
123	Biofunctionalization of Poly(lactide-co-glycolic acid) Using Potent NorA Efflux Pump Inhibitors Immobilized on Nanometric Alpha-Zirconium Phosphate to Reduce Biofilm Formation. <i>Materials</i> , 2021, 14, 670.	2.9	4
124	Layered Double Hydroxides as a Drug Delivery Vehicle for S-Allyl-Mercapto-Cysteine (SAMC). <i>Processes</i> , 2021, 9, 1819.	2.8	4
125	Composite sodium alginate-ion exchangers as cleaning systems for the removal of gypsum efflorescences. <i>Applied Clay Science</i> , 2019, 181, 105216.	5.2	3
126	Layered Tb-Doped Yttrium Carboxyphosphonate Nanocrystals as Efficient Filler for PEDOT:PSS Composite Films. <i>ChemNanoMat</i> , 2017, 3, 575-582.	2.8	1

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127	Oxidative Stability of Long-Chain Fatty Acids with Different Unsaturation Degrees into Layered Double Hydroxides. Applied Sciences (Switzerland), 2021, 11, 7035.	2.5	1
128	Overcoming Antibiotic Resistance: Playing the $\tilde{\text{Silver Nanobullet}}^{\text{TM}}$ Card. Materials, 2022, 15, 932.	2.9	1
129	Intercalation and Thermal Decomposition of Urea in Layered Zirconium Phosphates of $\hat{1}\pm$ - and $\hat{1}^3$ -Type. Molecular Crystals and Liquid Crystals, 1998, 311, 251-256.	0.3	0
130	Potassium Exchanged Layered Zirconium Phosphate as Catalyst in the Preparation of 4H-Chromenes.. ChemInform, 2005, 36, no.	0.0	0