

Chunping Chen

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.

38
papers

1,464
citations

19
h-index

38
g-index

41
ext. papers

1,729
ext. citations

8.9
avg, IF

4.83
L-index

#	Paper	IF	Citations
38	Aqueous miscible organic solvent treated NiTi layered double hydroxide De-NOx photocatalysts. <i>Chemical Engineering Journal</i> , 2022 , 429, 132361	14.7	0
37	Single-Ni Sites Embedded in Multilayer Nitrogen-Doped Graphene Derived from Amino-Functionalized MOF for Highly Selective CO ₂ Electroreduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3792-3801	8.3	6
36	Modified layered double hydroxides for efficient and reversible carbon dioxide capture from air. <i>Cell Reports Physical Science</i> , 2021 , 2, 100484	6.1	3
35	Two-Dimensional Covalent-Organic Frameworks for Photocatalysis: The Critical Roles of Building Block and Linkage. <i>Solar Rrl</i> , 2021 , 5, 2000458	7.1	15
34	Aged layered double hydroxide nanosheet-polyvinyl alcohol dispersions for enhanced gas barrier coating performance. <i>Materials Horizons</i> , 2021 , 8, 2823-2833	14.4	2
33	Non-toxic layered double hydroxide nanoplatelet dispersions for gas barrier coatings on flexible packaging. <i>Materials Advances</i> , 2021 , 2, 2626-2635	3.3	3
32	Controlling the activity of an immobilised molecular catalyst by Lewis acidity tuning of the support. <i>Journal of Catalysis</i> , 2021 , 402, 94-100	7.3	3
31	Synthesis of dense porous layered double hydroxides from struvite. <i>Green Chemistry</i> , 2021 , 23, 1616-1620	10.5	3
30	NiMn-layered double oxide electrodes in organic electrolyte based supercapacitors.. <i>RSC Advances</i> , 2021 , 11, 27267-27275	3.7	0
29	A facile synthesis of layered double hydroxide based core@shell hybrid materials. <i>New Journal of Chemistry</i> , 2020 , 44, 10095-10101	3.6	9
28	Surface modification of aqueous miscible organic layered double hydroxides (AMO-LDHs). <i>Dalton Transactions</i> , 2020 , 49, 8498-8503	4.3	8
27	Correlations of acidity-basicity of solvent treated layered double hydroxides/oxides and their CO ₂ capture performance. <i>Dalton Transactions</i> , 2020 , 49, 9306-9311	4.3	6
26	Aqueous miscible organic-layered double hydroxides with improved CO ₂ adsorption capacity. <i>Adsorption</i> , 2020 , 26, 1127-1135	2.6	1
25	Efficient CO ₂ capture from ambient air with amine-functionalized MgAl mixed metal oxides. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 16421-16428	13	24
24	Aqueous miscible organic layered double hydroxides as catalyst precursors for biodiesel synthesis. <i>Green Chemistry</i> , 2020 , 22, 3117-3121	10	6
23	Bifunctional acid-base mesoporous silica@aqueous miscible organic-layered double hydroxides.. <i>RSC Advances</i> , 2019 , 9, 3749-3754	3.7	9
22	High gas barrier coating using non-toxic nanosheet dispersions for flexible food packaging film. <i>Nature Communications</i> , 2019 , 10, 2398	17.4	49

21	Roles for K ₂ CO ₃ doping on elevated temperature CO ₂ adsorption of potassium promoted layered double oxides. <i>Chemical Engineering Journal</i> , 2019 , 366, 181-191	14.7	17
20	Synthesis of elevated temperature CO ₂ adsorbents from aqueous miscible organic-layered double hydroxides. <i>Energy</i> , 2019 , 167, 960-969	7.9	19
19	CO ₂ Hydrogenation to Methanol over Catalysts Derived from Single Cationic Layer CuZnGa LDH Precursors. <i>ACS Catalysis</i> , 2018 , 8, 4390-4401	13.1	67
18	Dendritic silica@aqueous miscible organic-layered double hydroxide hybrids. <i>Dalton Transactions</i> , 2018 , 47, 16413-16417	4.3	6
17	Water adsorbancy of high surface area layered double hydroxides (AMO-LDHs).. <i>RSC Advances</i> , 2018 , 8, 34650-34655	3.7	7
16	Silica@layered double hydroxide core-shell hybrid materials. <i>Dalton Transactions</i> , 2017 , 47, 143-149	4.3	24
15	Core-shell zeolite@aqueous miscible organic-layered double hydroxides. <i>Chemical Science</i> , 2016 , 7, 14579-1461	14.61	31
14	Metallocene supported core@LDH catalysts for slurry phase ethylene polymerisation. <i>Chemical Communications</i> , 2016 , 52, 4076-9	5.8	24
13	Carbon nitride nanosheet/metal-organic framework nanocomposites with synergistic photocatalytic activities. <i>Catalysis Science and Technology</i> , 2016 , 6, 5042-5051	5.5	100
12	Tuneable ultra high specific surface area Mg/Al-CO ₃ layered double hydroxides. <i>Dalton Transactions</i> , 2015 , 44, 16392-8	4.3	48
11	Phytotoxicity and bioaccumulation of ZnO nanoparticles in <i>Schoenoplectus tabernaemontani</i> . <i>Chemosphere</i> , 2015 , 120, 211-9	8.4	60
10	Core-shell SiO ₂ @LDHs with tuneable size, composition and morphology. <i>Chemical Communications</i> , 2015 , 51, 3462-5	5.8	48
9	Synthesis and characterisation of aqueous miscible organic-layered double hydroxides. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15102-15110	13	90
8	Uptake and accumulation of CuO nanoparticles and CdS/ZnS quantum dot nanoparticles by <i>Schoenoplectus tabernaemontani</i> in hydroponic mesocosms. <i>Ecological Engineering</i> , 2014 , 70, 114-123	3.9	32
7	A facile synthesis of monodispersed hierarchical layered double hydroxide on silica spheres for efficient removal of pharmaceuticals from water. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3877	13	49
6	Synthesis of porous amorphous FePO ₄ nanotubes and their lithium storage properties. <i>Chemistry - A European Journal</i> , 2013 , 19, 1568-72	4.8	30
5	A facile synthesis of strong near infrared fluorescent layered double hydroxide nanovehicles with an anticancer drug for tumor optical imaging and therapy. <i>Nanoscale</i> , 2013 , 5, 4314-20	7.7	51
4	Silver Nanoparticles Deposited Layered Double Hydroxide Nanoporous Coatings with Excellent Antimicrobial Activities. <i>Advanced Functional Materials</i> , 2012 , 22, 780-787	15.6	126

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| 3 | Self-assembled Fe ₃ O ₄ -layered double hydroxide colloidal nanohybrids with excellent performance for treatment of organic dyes in water. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1218-1225 | | 177 |
| 2 | Ellipsoidal hollow nanostructures assembled from anatase TiO ₂ nanosheets as a magnetically separable photocatalyst. <i>Chemical Communications</i> , 2011 , 47, 2631-3 | 5.8 | 189 |
| 1 | Fast precipitation of uniform CaCO ₃ nanospheres and their transformation to hollow hydroxyapatite nanospheres. <i>Journal of Colloid and Interface Science</i> , 2010 , 352, 393-400 | 9.3 | 115 |