

Jingfang Yu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,728
citations

687220

13
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

2437
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of two dimensional layered double hydroxide nanosheets and their applications. <i>Chemical Society Reviews</i> , 2017, 46, 5950-5974.	18.7	676
2	Functionalized layered double hydroxides for innovative applications. <i>Materials Horizons</i> , 2020, 7, 715-745.	6.4	171
3	One-step direct synthesis of layered double hydroxide single-layer nanosheets. <i>Nanoscale</i> , 2015, 7, 9448-9451.	2.8	162
4	Electrically Conductive Polypropylene Nanocomposites with Negative Permittivity at Low Carbon Nanotube Loading Levels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6125-6138.	4.0	153
5	High gas barrier coating using non-toxic nanosheet dispersions for flexible food packaging film. <i>Nature Communications</i> , 2019, 10, 2398.	5.8	94
6	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9478-9488.	2.7	92
7	Synthesis of Layered Double Hydroxide Single-Layer Nanosheets in Formamide. <i>Inorganic Chemistry</i> , 2016, 55, 12036-12041.	1.9	87
8	Layered intercalation compounds: Mechanisms, new methodologies, and advanced applications. <i>Progress in Materials Science</i> , 2020, 109, 100631.	16.0	66
9	Double-carrier drug delivery system based on polyurethane-polyvinyl alcohol/layered double hydroxide nanocomposite hydrogel. <i>Materials Letters</i> , 2019, 243, 1-4.	1.3	59
10	Synthesis of Gold Nanoparticles on Rice Husk Silica for Catalysis Applications. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 5656-5663.	1.8	47
11	Na ⁺ and K ⁺ -Exchanged Zirconium Phosphate (ZrP) as High-Temperature CO ₂ Adsorbents. <i>Science of Advanced Materials</i> , 2013, 5, 469-474.	0.1	26
12	Aspect Ratio Control of Layered Double Hydroxide Nanosheets and Their Application for High Oxygen Barrier Coating in Flexible Food Packaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10973-10982.	4.0	25
13	Dual carbon and void space confined SiO _x /C@void@Si/C yolk-shell nanospheres with high-rate performances and outstanding cyclability for lithium-ion batteries anodes. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 583-591.	5.0	22
14	Non-toxic layered double hydroxide nanoplatelet dispersions for gas barrier coatings on flexible packaging. <i>Materials Advances</i> , 2021, 2, 2626-2635.	2.6	12
15	Direct growth of layered intercalation compounds via single step one-pot in situ synthesis. <i>Chemical Communications</i> , 2015, 51, 11398-11400.	2.2	10
16	Complexing Agent Directed Growth of β -Zirconium Phosphate-Based Hexagonal Prisms. <i>Inorganic Chemistry</i> , 2020, 59, 1204-1210.	1.9	10
17	In situ synthesis of polyelectrolyte/layered double hydroxide intercalation compounds. <i>Journal of Materials Science</i> , 2017, 52, 6647-6655.	1.7	6
18	Aged layered double hydroxide nanosheet-polyvinyl alcohol dispersions for enhanced gas barrier coating performance. <i>Materials Horizons</i> , 2021, 8, 2823-2833.	6.4	6

#	ARTICLE	IF	CITATIONS
19	Manipulating the dimensional assembly pattern and crystalline structures of iron oxide nanostructures with a functional polyolefin. <i>Nanoscale</i> , 2016, 8, 1915-1920.	2.8	4