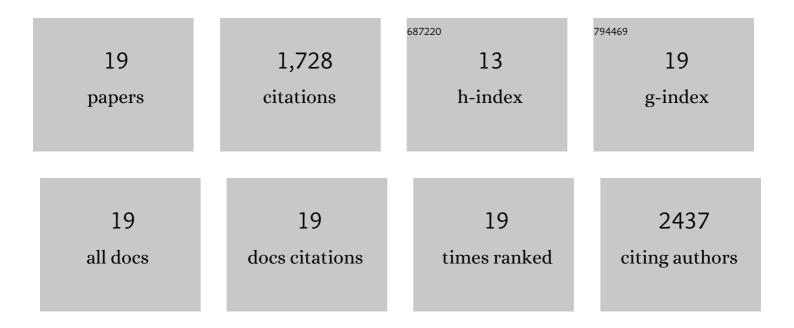
Jingfang Yu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Dual carbon and void space confined SiOx/C@void@Si/C yolk-shell nanospheres with high-rate performances and outstanding cyclability for lithium-ion batteries anodes. Journal of Colloid and Interface Science, 2022, 610, 583-591.	5.0	22
2	Aged layered double hydroxide nanosheet–polyvinyl alcohol dispersions for enhanced gas barrier coating performance. Materials Horizons, 2021, 8, 2823-2833.	6.4	6
3	Non-toxic layered double hydroxide nanoplatelet dispersions for gas barrier coatings on flexible packaging. Materials Advances, 2021, 2, 2626-2635.	2.6	12
4	Complexing Agent Directed Growth of α-Zirconium Phosphate-Based Hexagonal Prisms. Inorganic Chemistry, 2020, 59, 1204-1210.	1.9	10
5	Functionalized layered double hydroxides for innovative applications. Materials Horizons, 2020, 7, 715-745.	6.4	171
6	Layered intercalation compounds: Mechanisms, new methodologies, and advanced applications. Progress in Materials Science, 2020, 109, 100631.	16.0	66
7	Aspect Ratio Control of Layered Double Hydroxide Nanosheets and Their Application for High Oxygen Barrier Coating in Flexible Food Packaging. ACS Applied Materials & Interfaces, 2020, 12, 10973-10982.	4.0	25
8	High gas barrier coating using non-toxic nanosheet dispersions for flexible food packaging film. Nature Communications, 2019, 10, 2398.	5.8	94
9	Double-carrier drug delivery system based on polyurethane-polyvinyl alcohol/layered double hydroxide nanocomposite hydrogel. Materials Letters, 2019, 243, 1-4.	1.3	59
10	In situ synthesis of polyelectrolyte/layered double hydroxide intercalation compounds. Journal of Materials Science, 2017, 52, 6647-6655.	1.7	6
11	Preparation of two dimensional layered double hydroxide nanosheets and their applications. Chemical Society Reviews, 2017, 46, 5950-5974.	18.7	676
12	Synthesis of Layered Double Hydroxide Single-Layer Nanosheets in Formamide. Inorganic Chemistry, 2016, 55, 12036-12041.	1.9	87
13	Manipulating the dimensional assembly pattern and crystalline structures of iron oxide nanostructures with a functional polyolefin. Nanoscale, 2016, 8, 1915-1920.	2.8	4
14	Direct growth of layered intercalation compounds via single step one-pot in situ synthesis. Chemical Communications, 2015, 51, 11398-11400.	2.2	10
15	Synthesis of Gold Nanoparticles on Rice Husk Silica for Catalysis Applications. Industrial & Engineering Chemistry Research, 2015, 54, 5656-5663.	1.8	47
16	One-step direct synthesis of layered double hydroxide single-layer nanosheets. Nanoscale, 2015, 7, 9448-9451.	2.8	162
17	Electrically Conductive Polypropylene Nanocomposites with Negative Permittivity at Low Carbon Nanotube Loading Levels. ACS Applied Materials & Interfaces, 2015, 7, 6125-6138.	4.0	153
18	Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. Journal of Materials Chemistry C, 2014, 2, 9478-9488.	2.7	92

#	Article	IF	CITATIONS
19	Na ⁺ and K ⁺ -Exchanged Zirconium Phosphate (ZrP) as High-Temperature CO ₂ Adsorbents. Science of Advanced Materials, 2013, 5, 469-474.	0.1	26