

Junhao Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/594207/publications.pdf>

Version: 2024-02-01

47
papers

2,876
citations

136885

32
h-index

214721

47
g-index

47
all docs

47
docs citations

47
times ranked

2970
citing authors

#	ARTICLE	IF	CITATIONS
1	Composite material CCO/Co-Ni-Mn LDH made from sacrifice template CCO/ ZIF-67 for high-performance supercapacitor. Applied Surface Science, 2022, 572, 151373.	3.1	53
2	Functionalized cotton charcoal/chitosan biomass-based hydrogel for capturing Pb ²⁺ , Cu ²⁺ and MB. Journal of Hazardous Materials, 2022, 423, 127191.	6.5	96
3	Polyacrylic acid/carboxymethyl cellulose/activated carbon composite hydrogel for removal of heavy metal ion and cationic dye. Cellulose, 2022, 29, 483-501.	2.4	35
4	Facile fabrication of CoNi-Layered Double Hydroxide /NiCo ₂ S ₄ /Reduced Graphene Oxide composites by in situ hydrothermal growth strategy for supercapacitor performance. Ceramics International, 2022, 48, 17644-17653.	2.3	27
5	Convenient synthesis of Ni-Mn-S@rGO composite with enhanced performance for advanced energy storage applications. Ceramics International, 2022, 48, 9558-9568.	2.3	6
6	Ternary Ni(OH) ₂ /Co(OH) ₂ /Mg(OH) ₂ derived from MOF-74 as a positive material for the determination of high performance supercapacitor. Electrochimica Acta, 2022, 412, 140135.	2.6	20
7	Efficient capture of lead ion and methylene blue by functionalized biomass carbon-based adsorbent for wastewater treatment. Industrial Crops and Products, 2022, 183, 114966.	2.5	40
8	Synthesis of sodium lignosulfonate-guar gum composite hydrogel for the removal of Cu ²⁺ and Co ²⁺ . International Journal of Biological Macromolecules, 2021, 175, 459-472.	3.6	51
9	Ternary ZnO/Co ₃ O ₄ /NiO inherited layered core-shell structure from a double template for high performed supercapacitor. Journal of Materiomics, 2021, 7, 708-720.	2.8	20
10	Fabrication of flower-shaped CuCo ₂ O ₄ @MgMoO ₄ nanocomposite for high-performance supercapacitors. Journal of Energy Storage, 2021, 41, 102972.	3.9	32
11	Effective removal of heavy metals from water using porous lignin-based adsorbents. Chemosphere, 2021, 279, 130504.	4.2	54
12	Synthesis of polyaniline/nickel oxide/sulfonated graphene ternary composite for all-solid-state asymmetric supercapacitor. Applied Surface Science, 2020, 505, 144589.	3.1	61
13	Fluffy Cotton-Like GO/Zn-Co Layered Double Hydroxides Form from a Sacrificed Template GO/ZIF-8 for High Performance Asymmetric Supercapacitors. ACS Sustainable Chemistry and Engineering, 2020, 8, 11618-11629.	3.2	71
14	Fabrication of NiCoAl-layered double hydroxide/N-GO for high energy all-solid-state asymmetric supercapacitors. Applied Surface Science, 2020, 527, 146891.	3.1	41
15	Construction of a Lignosulfonate-Lysine Hydrogel for the Adsorption of Heavy Metal Ions. Journal of Agricultural and Food Chemistry, 2020, 68, 3050-3060.	2.4	73
16	High-performance supercapacitor based on graphene oxide through in-situ polymerization and co-precipitation method. Journal of Alloys and Compounds, 2020, 829, 154536.	2.8	24
17	PVP-assisted growth of Ni-Co oxide on N-doped reduced graphene oxide with enhanced pseudocapacitive behavior. Chemical Engineering Journal, 2019, 378, 122202.	6.6	118
18	Facile construction of a MgCo ₂ O ₄ @NiMoO ₄ /NF core-shell nanocomposite for high-performance asymmetric supercapacitors. Journal of Materials Chemistry C, 2019, 7, 13267-13278.	2.7	49

#	ARTICLE	IF	CITATIONS
19	<i>In situ</i> growth of ZIF-8-derived ternary ZnO/ZnCo ₂ O ₄ /NiO for high performance asymmetric supercapacitors. <i>Nanoscale</i> , 2019, 11, 10114-10128.	2.8	76
20	Adsorption performance of a polysaccharide composite hydrogel based on crosslinked glucan/chitosan for heavy metal ions. <i>Composites Part B: Engineering</i> , 2019, 169, 45-54.	5.9	138
21	Construction of magnetic lignin-based adsorbent and its adsorption properties for dyes. <i>Journal of Hazardous Materials</i> , 2019, 369, 50-61.	6.5	174
22	Preparation of Hierarchical Spinel NiCo ₂ O ₄ Nanowires for High-Performance Supercapacitors. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 2517-2525.	1.8	87
23	Synthesis of aminated calcium lignosulfonate and its adsorption properties for azo dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 61, 321-330.	2.9	58
24	Ultrasonic-assisted synthesis of superabsorbent hydrogels based on sodium lignosulfonate and their adsorption properties for Ni ²⁺ . <i>Ultrasonics Sonochemistry</i> , 2018, 40, 221-229.	3.8	66
25	Novel sodium lignosulphonate assisted synthesis of well dispersed Fe ₃ O ₄ microspheres for efficient adsorption of copper (II). <i>Powder Technology</i> , 2018, 325, 597-605.	2.1	34
26	Preparation of NiMoO ₄ -PANI core-shell nanocomposite for the high-performance all-solid-state asymmetric supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 18349-18362.	3.8	88
27	Designed formation of Co ₃ O ₄ /ZnCo ₂ O ₄ /CuO hollow polyhedral nanocages derived from zeolitic imidazolate framework-67 for high-performance supercapacitors. <i>Nanoscale</i> , 2018, 10, 15771-15781.	2.8	111
28	An urchin-like MgCo ₂ O ₄ @PPy core-shell composite grown on Ni foam for a high-performance all-solid-state asymmetric supercapacitor. <i>Nanoscale</i> , 2018, 10, 10190-10202.	2.8	142
29	Carbon composite lignin-based adsorbents for the adsorption of dyes. <i>Chemosphere</i> , 2018, 206, 587-596.	4.2	269
30	Metal-organic framework templated synthesis of porous NiCo ₂ O ₄ /ZnCo ₂ O ₄ /Co ₃ O ₄ hollow polyhedral nanocages and their enhanced pseudocapacitive properties. <i>Chemical Engineering Journal</i> , 2018, 351, 74-84.	6.6	104
31	Solid-state preparation of CuO/ZnO nanocomposites for functional supercapacitor electrodes and photocatalysts with enhanced photocatalytic properties. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30098-30108.	3.8	79
32	Ultrasonic Method to Synthesize Glucan- <i>g</i> -poly(acrylic acid)/Sodium Lignosulfonate Hydrogels and Studies of Their Adsorption of Cu ²⁺ from Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6438-6446.	3.2	52
33	Hydrothermal synthesis of sphere-like BiOCl using sodium lignosulphonate as surfactant and its application in visible light photocatalytic degradation of rodamine B. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3119-3127.	1.1	10
34	Anionic surfactants-assisted solution-phase synthesis of ZnO with improved photocatalytic performance. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 384-390.	2.0	23
35	Synthesis and characterization of hierarchical Bi ₂ MoO ₆ /Polyaniline nanocomposite for all-solid-state asymmetric supercapacitor. <i>Electrochimica Acta</i> , 2017, 245, 685-695.	2.6	72
36	Lignin-assisted solid-phase synthesis of nano-CuO for a photocatalyst with excellent catalytic activity and high performance supercapacitor electrodes. <i>RSC Advances</i> , 2016, 6, 65644-65653.	1.7	15

#	ARTICLE	IF	CITATIONS
37	Ultrasonic Synthesis and Properties of Sodium Lignosulfonate-grafted Poly(Acrylic Acid-co-Vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10.5	1.7	59
38	Ultrasonic-assisted synthesis of sodium lignosulfonate-grafted poly(acrylic acid-co-poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10.5	1.7	59
39	A glassy carbon electrode modified with bismuth oxide nanoparticles and chitosan as a sensor for Pb(II) and Cd(II). <i>Mikrochimica Acta</i> , 2016, 183, 1823-1830.	2.5	40
40	Preparation and Characterization of Fe ₂ O ₃ Nanoparticles by Solid-Phase Method and Its Hydrogen Peroxide Sensing Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1069-1077.	3.2	64
41	Liquid phase-based ultrasonic-assisted synthesis of ZnO nanocomposites and its sunlight photocatalytic activity. <i>Materials and Design</i> , 2016, 89, 864-871.	3.3	25
42	The preparation of Fe ₂ O ₃ nanoparticles by liquid phase-based ultrasonic-assisted method and its application as enzyme-free sensor for the detection of H ₂ O ₂ . <i>RSC Advances</i> , 2015, 5, 21161-21169.	1.7	27
43	Hydrothermal synthesis of flower cluster-shaped ZnO microstructures with sodium lignosulfonate as structure-directing agent. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9171-9177.	1.1	4
44	Structural characterization and photocatalytic properties of ZnO by solid-state synthesis using aminated lignin template. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6704-6711.	1.1	10
45	Ultrasonic synthesis and properties of a sodium lignosulfonate-grafted poly(acrylic acid-co-acryl) Tj ETQq1 1 0.784314 rgBT /Overlock 1.4	1.4	35
46	Ultrasonic-assisted synthesis of aminated lignin by a Mannich reaction and its decolorizing properties for anionic azo-dyes. <i>RSC Advances</i> , 2014, 4, 28156.	1.7	67
47	Solid-Phase Synthesis of Mesoporous ZnO Using Lignin-Amine Template and Its Photocatalytic Properties. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6585-6592.	1.8	68