

# Xiaohong Wang

## List of Publications by Year in descending order

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29  
papers

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citations

304743

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477307

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docs citations

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times ranked

1765  
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.	6.1	53
2	Functionalized cotton charcoal/chitosan biomass-based hydrogel for capturing Pb <sup>2+</sup> , Cu <sup>2+</sup> and MB. Journal of Hazardous Materials, 2022, 423, 127191.	12.4	96
3	Polyacrylic acid/carboxymethyl cellulose/activated carbon composite hydrogel for removal of heavy metal ion and cationic dye. Cellulose, 2022, 29, 483-501.	4.9	35
4	Facile fabrication of CoNi-Layered Double Hydroxide /NiCo <sub>2</sub> S <sub>4</sub> /Reduced Graphene Oxide composites by in situ hydrothermal growth strategy for supercapacitor performance. Ceramics International, 2022, 48, 17644-17653.	4.8	27
5	Convenient synthesis of Ni-Mn-S@rGO composite with enhanced performance for advanced energy storage applications. Ceramics International, 2022, 48, 9558-9568.	4.8	6
6	Ternary Ni(OH) <sub>2</sub> /Co(OH) <sub>2</sub> /Mg(OH) <sub>2</sub> derived from MOF-74 as a positive material for the determination of high performance supercapacitor. Electrochimica Acta, 2022, 412, 140135.	5.2	20
7	Reasonable design and synthesis of nickel manganese sulfide nanoparticles derived from metal organic frameworks as electrode materials for supercapacitors. Journal of Power Sources, 2022, 539, 231594.	7.8	30
8	Synthesis of sodium lignosulfonate-guar gum composite hydrogel for the removal of Cu <sup>2+</sup> and Co <sup>2+</sup> . International Journal of Biological Macromolecules, 2021, 175, 459-472.	7.5	51
9	Effective removal of heavy metals from water using porous lignin-based adsorbents. Chemosphere, 2021, 279, 130504.	8.2	54
10	Fluffy Cotton-Like GO/Zn-Co-Ni 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.	6.7	71
11	Construction of a Lignosulfonate-Lysine Hydrogel for the Adsorption of Heavy Metal Ions. Journal of Agricultural and Food Chemistry, 2020, 68, 3050-3060.	5.2	73
12	Facile construction of a MgCo <sub>2</sub> O <sub>4</sub> @NiMoO <sub>4</sub> /NF core-shell nanocomposite for high-performance asymmetric supercapacitors. Journal of Materials Chemistry C, 2019, 7, 13267-13278.	5.5	49
13	<i>In situ</i> growth of ZIF-8-derived ternary ZnO/ZnCo <sub>2</sub> O <sub>4</sub> /NiO for high performance asymmetric supercapacitors. Nanoscale, 2019, 11, 10114-10128.	5.6	76
14	Construction of magnetic lignin-based adsorbent and its adsorption properties for dyes. Journal of Hazardous Materials, 2019, 369, 50-61.	12.4	174
15	Preparation of Hierarchical Spinel NiCo <sub>2</sub> O <sub>4</sub> Nanowires for High-Performance Supercapacitors. Industrial & Engineering Chemistry Research, 2018, 57, 2517-2525.	3.7	87
16	Ultrasonic-assisted synthesis of superabsorbent hydrogels based on sodium lignosulfonate and their adsorption properties for Ni <sup>2+</sup> . Ultrasonics Sonochemistry, 2018, 40, 221-229.	8.2	66
17	Carbon composite lignin-based adsorbents for the adsorption of dyes. Chemosphere, 2018, 206, 587-596.	8.2	269
18	Ultrasonic Method to Synthesize Glucan-g-poly(acrylic acid)/Sodium Lignosulfonate Hydrogels and Studies of Their Adsorption of Cu <sup>2+</sup> from Aqueous Solution. ACS Sustainable Chemistry and Engineering, 2017, 5, 6438-6446.	6.7	52

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19	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.	2.2	10
20	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.	3.6	15
21	Ultrasonic-assisted synthesis of sodium lignosulfonate-grafted poly(acrylic acid-co-poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.8	59
22	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.	5.0	40
23	Preparation and Characterization of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles by Solid-Phase Method and Its Hydrogen Peroxide Sensing Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1069-1077.	6.7	64
24	The preparation of Fe <sub>2</sub> O <sub>3</sub> nanoparticles by liquid phase-based ultrasonic-assisted method and its application as enzyme-free sensor for the detection of H <sub>2</sub> O <sub>2</sub> . <i>RSC Advances</i> , 2015, 5, 21161-21169.	3.6	27
25	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.	2.2	4
26	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.	2.2	10
27	Ultrasonic synthesis and properties of a sodium lignosulfonate-grafted poly(acrylic acid-co-acryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.8	35
28	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.	3.6	67
29	Effect of solvent binding on UV-vis spectra and redox potentials of octaethylporphyrins containing first-row transition metal ions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 1233-1242.	0.8	9