Yanhui Li

List of Publications by Year
in descending order

		236925	144013
57	4,923	25	57
papers	citations	h-index	g-index

57	57	57	6573
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative study of methylene blue dye adsorption onto activated carbon, graphene oxide, and carbon nanotubes. Chemical Engineering Research and Design, 2013, 91, 361-368.	5.6	746
2	Adsorption of methylene blue from aqueous solution by graphene. Colloids and Surfaces B: Biointerfaces, 2012, 90, 197-203.	5.0	635
3	Methylene blue adsorption on graphene oxide/calcium alginate composites. Carbohydrate Polymers, 2013, 95, 501-507.	10.2	407
4	Highly enhanced adsorption of congo red onto graphene oxide/chitosan fibers by wet-chemical etching off silica nanoparticles. Chemical Engineering Journal, 2014, 245, 99-106.	12.7	273
5	Adsorption of fluoride from aqueous solution by graphene. Journal of Colloid and Interface Science, 2011, 363, 348-354.	9.4	271
6	Multiple Weak H-Bonds Lead to Highly Sensitive, Stretchable, Self-Adhesive, and Self-Healing Ionic Sensors. ACS Applied Materials & Interfaces, 2019, 11, 7755-7763.	8.0	264
7	High performance agar/graphene oxide composite aerogel for methylene blue removal. Carbohydrate Polymers, 2017, 155, 345-353.	10.2	251
8	Filtration and adsorption properties of porous calcium alginate membrane for methylene blue removal from water. Chemical Engineering Journal, 2017, 316, 623-630.	12.7	205
9	Equilibrium, kinetic and thermodynamic studies on the adsorption of phenol onto graphene. Materials Research Bulletin, 2012, 47, 1898-1904.	5.2	185
10	Adsorption of ciprofloxacin onto biocomposite fibers of graphene oxide/calcium alginate. Chemical Engineering Journal, 2013, 230, 389-395.	12.7	185
11	Mechanical and dye adsorption properties of graphene oxide/chitosan composite fibers prepared by wet spinning. Carbohydrate Polymers, 2014, 102, 755-761.	10.2	152
12	High performance graphene oxide nanofiltration membrane prepared by electrospraying for wastewater purification. Carbon, 2018, 130, 487-494.	10.3	144
13	Adsorption Properties of Doxorubicin Hydrochloride onto Graphene Oxide: Equilibrium, Kinetic and Thermodynamic Studies. Materials, 2013, 6, 2026-2042.	2.9	136
14	Ultrafast Fabrication of Gradient Nanoporous Allâ€Polysaccharide Films as Strong, Superfast, and Multiresponsive Actuators. Advanced Functional Materials, 2019, 29, 1807692.	14.9	106
15	Highly effective removal of basic fuchsin from aqueous solutions by anionic polyacrylamide/graphene oxide aerogels. Journal of Colloid and Interface Science, 2015, 453, 107-114.	9.4	91
16	Design of injectable agar/NaCl/polyacrylamide ionic hydrogels for high performance strain sensors. Carbohydrate Polymers, 2019, 211, 322-328.	10.2	90
17	Rapid adsorption of tetracycline in aqueous solution by using MOF-525/graphene oxide composite. Microporous and Mesoporous Materials, 2021, 328, 111457.	4.4	66
18	Polymer-Coated Graphene Aerogel Beads and Supercapacitor Application. ACS Applied Materials & Interfaces, 2016, 8, 11179-11187.	8.0	65

#	Article	IF	Citations
19	Removal of methylene blue from water by cellulose/graphene oxide fibres. Journal of Experimental Nanoscience, 2016, 11, 1156-1170.	2.4	64
20	Preparation of activated carbon from Enteromorpha prolifera and its use on cationic red X-GRL removal. Applied Surface Science, 2011, 257, 10621-10627.	6.1	63
21	Methylene blue adsorption by activated carbon, nickel alginate/activated carbon aerogel, and nickel alginate/graphene oxide aerogel: a comparison study. Journal of Materials Research and Technology, 2020, 9, 12443-12460.	5.8	53
22	Highâ€Efficiency Largeâ€Area Carbon Nanotubeâ€Silicon Solar Cells. Advanced Energy Materials, 2016, 6, 1600095.	19.5	32
23	Kinetic, Isotherm and Thermodynamic Studies for Removal of Methylene Blue Using Î²-Cyclodextrin/Activated Carbon Aerogels. Journal of Polymers and the Environment, 2018, 26, 3362-3370.	5.0	29
24	Preparation of improved gluten material and its adsorption behavior for congo red from aqueous solution. Journal of Colloid and Interface Science, 2019, 556, 249-257.	9.4	28
25	Barium alginate as a skeleton coating graphene oxide and bentonite-derived composites: Excellent adsorbent based on predictive design for the enhanced adsorption of methylene blue. Journal of Colloid and Interface Science, 2022, 611, 629-643.	9.4	28
26	Preparation of SnIn4S8/TiO2 Nanotube Photoanode and Its Photocathodic Protection for Q235 Carbon Steel Under Visible Light. Nanoscale Research Letters, 2021, 16, 10.	5.7	26
27	Equilibrium, Kinetic and Thermodynamic Studies on Methylene Blue Adsorption by Konjac Glucomannan/Activated Carbon Aerogel. Journal of Polymers and the Environment, 2019, 27, 1342-1351.	5.0	25
28	Adsorption of Methylene Blue from Aqueous Solutions by Polyvinyl Alcohol/Graphene Oxide Composites. Journal of Nanoscience and Nanotechnology, 2016, 16, 1775-1782.	0.9	23
29	Direct Current-Powered High-Performance Ionic Hydrogel Strain Sensor Based on Electrochemical Redox Reaction. ACS Applied Materials & Interfaces, 2019, 11, 24289-24297.	8.0	21
30	Removal of Methylene Blue from Water by Copper Alginate/Activated Carbon Aerogel: Equilibrium, Kinetic, and Thermodynamic Studies. Journal of Polymers and the Environment, 2020, 28, 200-210.	5.0	20
31	Adsorption of Congo Red from Aqueous Solutions by Porous Soybean Curd Xerogels. Polish Journal of Chemical Technology, 2018, 20, 95-102.	0.5	20
32	Improvement of SO₂ Resistance of Low-Temperature Mn-Based Denitration Catalysts by Fe Doping. ACS Omega, 2019, 4, 3755-3760.	3.5	19
33	Preparation of Chitosan/Polyacrylamide/Graphene Oxide Composite Membranes and Study of Their Methylene Blue Adsorption Properties. Materials, 2020, 13, 4407.	2.9	18
34	Study on Adsorption Performance of MgO/Calcium Alginate Composite for Congo Red in Wastewater. Journal of Polymers and the Environment, 2021, 29, 3977-3987.	5.0	18
35	Study on the Adsorption Performance of Casein/Graphene Oxide Aerogel for Methylene Blue. ACS Omega, 2021, 6, 29243-29253.	3.5	18
36	One-step generation of S and N co-doped reduced graphene oxide for high-efficiency adsorption towards methylene blue. RSC Advances, 2020, 10, 37757-37765.	3.6	17

#	Article	IF	Citations
37	A novel CaIn2S4/TiO2 NTAs heterojunction photoanode for highly efficient photocathodic protection performance of 316 SS under visible light. Nanotechnology, 2021, 32, .	2.6	16
38	Synthesis of citric acid modified Î²â€cyclodextrin/activated carbon hybrid composite and their adsorption properties toward methylene blue. Journal of Applied Polymer Science, 2020, 137, 48315.	2.6	13
39	Preparation of Graphene Oxide/Chitosan Pellets and Their Adsorption Properties for Congo Red. International Journal of Nanoscience, 2019, 18, 1850030.	0.7	11
40	Filtration and adsorption of tetracycline in aqueous solution by copper alginate-carbon nanotubes membrane which has the muscle-skeleton structure. Chemical Engineering Research and Design, 2022, 183, 424-438.	5.6	11
41	Degradation of Tetracycline in Polluted Wastewater by Persulfate over Copper Alginate/Graphene Oxide Composites. Journal of Polymers and the Environment, 2021, 29, 2227-2235.	5.0	9
42	Hydrothermal Syntheses, Crystal Structures, and Photoluminescent Properties of Two Entangled Complexes with Rigid Bis(imidazolyl) Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2258-2262.	1.2	7
43	Optimization of Chemical Looping Pyrolysis System of Coal Tar by Combined Simulation and Experiments. Energy & Fuels, 2019, 33, 595-602.	5.1	7
44	Calcium alginate/activated carbon/humic acid tri-system porous fibers for removing tetracycline from aqueous solution. Polish Journal of Chemical Technology, 2020, 22, 9-16.	0.5	7
45	Grafting of multi-sensitive PDMAEMA brushes onto carbon nanotubes by ATNRC: tunable thickening/thinning and self-assembly behaviors in aqueous solutions. RSC Advances, 2016, 6, 92305-92315.	3.6	6
46	Removal of Methylene Blue from Water by Peach Gum Based Composite Aerogels. Journal of Polymers and the Environment, 2021, 29, 1752-1762.	5.0	6
47	Removal of methylene blue from aqueous solution using high performance calcium alginate/activated carbon membrane. International Journal of Clothing Science and Technology, 2019, 32, 307-321.	1.1	5
48	Equilibrium, kinetic and thermodynamic studies on methylene blue adsorption by Trichosanthes kirilowii Maxim shell activated carbon. Polish Journal of Chemical Technology, 2019, 21, 89-97.	0.5	5
49	Removal behavior of methylene blue from graphene oxide/gluten composite material: kinetics, isotherms and thermodynamics. International Journal of Clothing Science and Technology, 2021, 33, 590-605.	1.1	5
50	Electrical and optical properties of vanadium pentoxide nano-thin films with different substrate polishing processes. Ferroelectrics, 2019, 551, 259-269.	0.6	4
51	Direct Z-scheme MgIn2S4/TiO2 heterojunction for enhanced photocathodic protection of metals under visible light. Nanotechnology, 2022, , .	2.6	4
52	Highâ€Efficiency Adsorption Performance of Cobalt Alginate/ Graphene Oxide Aerogel Prepared by Green Method for Methylene Blue. ChemistrySelect, 2022, 7, .	1.5	4
53	Adsorption of methylene blue by Nicandra physaloides(L.) Gaertn seed gum/graphene oxide aerogel. Environmental Technology (United Kingdom), 2022, 43, 2342-2351.	2.2	3
54	Synthesis, characterization, adsorption properties and mechanism of gravity-assisted zirconium alginate hydrogel fiber for removal of methylene blue from water. Materials Today Communications, 2022, 32, 104004.	1.9	3

#	Article	IF	Citations
55	Experimental Research and Numerical Simulation on Fine Particulate Matter Removal by Foam Agglomeration Method. Energy & Fuels, 2017, 31, 10206-10211.	5.1	1
56	Influence of Reinforcement Length on Singularity of Single-Lap Joints. Advances in Materials Science and Engineering, 2018, 2018, 1-8.	1.8	1
57	Adsorption of tetracycline by Nicandra physaloides (L.) Gaertn seed gum and Nicandra physaloides(L.) Gaertn seed gum/Carboxymethyl chitosan aerogel. Environmental Technology (United Kingdom), 2021, , 1-12.	2.2	1