Jiangtao Feng

List of Publications by Year in descending order

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28 papers	905 citations	623734 14 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1104 citing authors

#	Article	IF	Citations
1	Excellent adsorption and desorption characteristics of polypyrrole/TiO2 composite for Methylene Blue. Applied Surface Science, 2013, 279, 400-408.	6.1	118
2	Tunable Surface Area, Porosity, and Function in Conjugated Microporous Polymers. Angewandte Chemie - International Edition, 2019, 58, 11715-11719.	13.8	109
3	Influence of metal oxides on the adsorption characteristics of PPy/metal oxides for Methylene Blue. Journal of Colloid and Interface Science, 2016, 475, 26-35.	9.4	99
4	Adsorbent synthesis of polypyrrole/TiO2 for effective fluoride removal from aqueous solution for drinking water purification: Adsorbent characterization and adsorption mechanism. Journal of Colloid and Interface Science, 2017, 495, 44-52.	9.4	77
5	Synthesis of polyaniline/TiO₂composite with excellent adsorption performance on acid red G. RSC Advances, 2015, 5, 21132-21141.	3.6	60
6	Hydrophilic polythiophene/SiO2 composite for adsorption engineering: Green synthesis in aqueous medium and its synergistic and specific adsorption for heavy metals from wastewater. Chemical Engineering Journal, 2019, 360, 1486-1497.	12.7	53
7	Colloidal quantum dot hybrids: an emerging class of materials for ambient lighting. Journal of Materials Chemistry C, 2020, 8, 10676-10695.	5.5	46
8	Insight into the Synergistic Effect on Selective Adsorption for Heavy Metal Ions by a Polypyrrole/TiO₂ Composite. Langmuir, 2018, 34, 10187-10196.	3.5	45
9	Facile synthesis of a polythiophene/TiO₂ particle composite in aqueous medium and its adsorption performance for Pb(<scp>ii</scp>). RSC Advances, 2015, 5, 86945-86953.	3.6	42
10	Rapid removal of ammonia nitrogen in low-concentration from wastewater by amorphous sodium titanate nano-particles. Science of the Total Environment, 2019, 668, 815-824.	8.0	36
11	Synthesis of polypyrrole micro/nanofibers via a self-assembly process. Mikrochimica Acta, 2009, 166, 261-267.	5.0	31
12	Self-assembly of tetra(aniline) nanowires in acidic aqueous media with ultrasonic irradiation. Journal of Materials Chemistry C, 2015, 3, 11945-11952.	5.5	27
13	Facile Modification of a Polythiophene/TiO₂ Composite Using Surfactants in an Aqueous Medium for an Enhanced Pb(II) Adsorption and Mechanism Investigation. Journal of Chemical & Engineering Data, 2017, 62, 2208-2221.	1.9	27
14	Preparation of Fe3O4/TiO2/Polypyrrole Ternary Magnetic Composite and Using as Adsorbent for the Removal of Acid Red G. Journal of Polymers and the Environment, 2017, 25, 781-791.	5.0	18
15	Enhanced adsorption capacity of polypyrrole/TiO₂ composite modified by carboxylic acid with hydroxyl group. RSC Advances, 2016, 6, 42572-42580.	3.6	15
16	Tunable Surface Area, Porosity, and Function in Conjugated Microporous Polymers. Angewandte Chemie, 2019, 131, 11841-11845.	2.0	14
17	In situ grown MOFs and PVDF-HFP co-modified aramid gel nanofiber separator for high-safety lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2022, 10, 14098-14110.	10.3	14
18	Dual-functional sites for synergistic adsorption of Cr(VI) and Sb(V) by polyaniline-TiO2 hydrate: Adsorption behaviors, sites and mechanisms. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	6.0	12

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19	Enhanced capacitance of rectangular-sectioned polypyrrole microtubes as the electrode material for supercapacitors. RSC Advances, 2014, 4, 40686-40692.	3.6	11
20	Effective removal of ammonium nitrogen using titanate adsorbent: Capacity evaluation focusing on cation exchange. Science of the Total Environment, 2021, 771, 144800.	8.0	11
21	Insight into the ion exchange in the adsorptive removal of fluoride by doped polypyrrole from water. Environmental Science and Pollution Research, 2021, 28, 67267-67279.	5.3	11
22	Electrochemical potential-responsive tetra(aniline) nanocapsules via self-assembly. RSC Advances, 2015, 5, 27862-27866.	3.6	8
23	Application of chemically synthesized polypyrrole with hydro-sponge characteristic as electrode in water desalination. RSC Advances, 2015, 5, 71593-71600.	3.6	8
24	Insight into the effect of surfactant modification on the versatile adsorption of titanate-based materials for cationic and anionic contaminants. Chemosphere, 2021, 269, 129383.	8.2	5
25	Preparation of Templated Materials and Their Application to Typical Pollutants in Wastewater: A Review. Frontiers in Chemistry, 2022, 10, 882876.	3.6	3
26	Enhanced adsorption performance of PPy/TiO2 prepared on surface of TiO2 without calcination. SN Applied Sciences, 2019, 1, 1.	2.9	2
27	Insight into the effect of surface carboxyl and amino groups on the adsorption of titanium dioxide for acid red G. Frontiers of Chemical Science and Engineering, 2021, 15, 1147-1157.	4.4	2
28	Exploring Solvent Effects on the Dialysisâ€Induced Selfâ€Assembly of Nanostructured Tetra(aniline). ChemistrySelect, 2018, 3, 3338-3344.	1.5	1