

Feng Tan

List of Publications by Year in descending order

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57
papers

2,121
citations

201674

27
h-index

233421

45
g-index

59
all docs

59
docs citations

59
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	An electrochemical sensor based on molecularly imprinted polypyrrole/graphene quantum dots composite for detection of bisphenol A in water samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 599-606.	7.8	187
2	Adsorption of ciprofloxacin, bisphenol and 2-chlorophenol on electrospun carbon nanofibers: In comparison with powder activated carbon. <i>Journal of Colloid and Interface Science</i> , 2015, 447, 120-127.	9.4	142
3	An electrochemically enhanced solid-phase microextraction approach based on molecularly imprinted polypyrrole/multi-walled carbon nanotubes composite coating for selective extraction of fluoroquinolones in aqueous samples. <i>Analytica Chimica Acta</i> , 2012, 727, 26-33.	5.4	119
4	Preparation of molecularly imprinted polymer nanoparticles for selective removal of fluoroquinolone antibiotics in aqueous solution. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 750-757.	12.4	102
5	Occurrence, removal, and risk assessment of antibiotics in 12 wastewater treatment plants from Dalian, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16478-16487.	5.3	96
6	Preparation and evaluation of molecularly imprinted solid-phase microextraction fibers for selective extraction of bisphenol A in complex samples. <i>Journal of Chromatography A</i> , 2009, 1216, 5647-5654.	3.7	90
7	Enrichment of Phosphopeptides by Fe ³⁺ -Immobilized Magnetic Nanoparticles for Phosphoproteome Analysis of the Plasma Membrane of Mouse Liver. <i>Journal of Proteome Research</i> , 2008, 7, 1078-1087.	3.7	71
8	3D mesoporous CuFe ₂ O ₄ as a catalyst for photo-Fenton removal of sulfonamide antibiotics at near neutral pH. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 409-416.	9.4	70
9	An electrochemically reduced graphene oxide chemiresistive sensor for sensitive detection of Hg ²⁺ ion in water samples. <i>Journal of Hazardous Materials</i> , 2016, 320, 226-233.	12.4	65
10	Label-Free Electrical Immunosensor for Highly Sensitive and Specific Detection of Microcystin-LR in Water Samples. <i>Environmental Science & Technology</i> , 2015, 49, 9256-9263.	10.0	56
11	Development and evaluation of diffusive gradients in thin films technique for measuring antibiotics in seawater. <i>Science of the Total Environment</i> , 2018, 618, 1605-1612.	8.0	53
12	Global Liver Proteome Analysis Using iTRAQ Labeling Quantitative Proteomic Technology to Reveal Biomarkers in Mice Exposed to Perfluorooctane Sulfonate (PFOS). <i>Environmental Science & Technology</i> , 2012, 46, 12170-12177.	10.0	51
13	Selective detection of nanomolar Cr(VI) in aqueous solution based on 1,4-dithiothreitol functionalized gold nanoparticles. <i>Analytical Methods</i> , 2011, 3, 343-347.	2.7	50
14	Clickable Periodic Mesoporous Organosilicas: Synthesis, Click Reactions, and Adsorption of Antibiotics. <i>Chemistry - A European Journal</i> , 2014, 20, 1957-1963.	3.3	50
15	Simultaneous detection of dopamine, uric acid, and ascorbic acid using SnO ₂ nanoparticles/multi-walled carbon nanotubes/carbon paste electrode. <i>Analytical Methods</i> , 2012, 4, 3283.	2.7	48
16	Source apportionment of polycyclic aromatic hydrocarbons (PAHs) in the air of Dalian, China: Correlations with six criteria air pollutants and meteorological conditions. <i>Chemosphere</i> , 2019, 216, 516-523.	8.2	47
17	DNA-modified graphene quantum dots as a sensing platform for detection of Hg ²⁺ in living cells. <i>RSC Advances</i> , 2015, 5, 39587-39591.	3.6	43
18	Measurement and prediction of bioconcentration factors of organophosphate flame retardants in common carp (<i>Cyprinus carpio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 270-276.	6.0	40

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19	Simultaneous Light Emitting Diode-Induced Fluorescence and Contactless Conductivity Detection for Capillary Electrophoresis. <i>Analytical Sciences</i> , 2005, 21, 583-585.	1.6	39
20	Highly sensitive detection of Cr(VI) by reduced graphene oxide chemiresistor and 1,4-dithiothreitol functionalized Au nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 265-272.	7.8	38
21	Diffusive gradients in thin films based on MOF-derived porous carbon binding gel for in-situ measurement of antibiotics in waters. <i>Science of the Total Environment</i> , 2018, 645, 482-490.	8.0	37
22	Molecularly imprinted polymer/mesoporous carbon nanoparticles as electrode sensing material for selective detection of ofloxacin. <i>Materials Letters</i> , 2014, 129, 95-97.	2.6	35
23	Polycyclic aromatic hydrocarbons in the atmosphere and soils of Dalian, China: Source, urban-rural gradient, and air-soil exchange. <i>Chemosphere</i> , 2020, 244, 125518.	8.2	35
24	Characteristics and risk assessment of organophosphate esters and phthalates in soils and vegetation from Dalian, northeast China. <i>Environmental Pollution</i> , 2021, 284, 117532.	7.5	34
25	Evaluation of a novel microextraction technique for aqueous samples: Porous membrane envelope filled with multiwalled carbon nanotubes coated with molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2011, 34, 707-715.	2.5	31
26	Azide-functionalized hollow silica nanospheres for removal of antibiotics. <i>Journal of Colloid and Interface Science</i> , 2015, 444, 38-41.	9.4	30
27	Preparation of polydopamine-coated graphene oxide/Fe ₃ O ₄ imprinted nanoparticles for selective removal of fluoroquinolone antibiotics in water. <i>Scientific Reports</i> , 2017, 7, 5735.	3.3	30
28	Occurrence and air-soil exchange of organophosphate flame retardants in the air and soil of Dalian, China. <i>Environmental Pollution</i> , 2020, 265, 114850.	7.5	30
29	2D, 3D mesostructured silicas templated mesoporous manganese dioxide for selective catalytic reduction of NO _x with NH ₃ . <i>Journal of Colloid and Interface Science</i> , 2018, 516, 254-262.	9.4	29
30	Graphene oxide based in-tube solid-phase microextraction combined with liquid chromatography tandem mass spectrometry for the determination of triazine herbicides in water. <i>Journal of Separation Science</i> , 2015, 38, 2312-2319.	2.5	26
31	Polyurethane heat preservation materials: The significant sources of organophosphorus flame retardants. <i>Chemosphere</i> , 2019, 227, 409-415.	8.2	26
32	Specific capture of phosphopeptides on matrix-assisted laser desorption/ionization time-of-flight mass spectrometry targets modified by magnetic affinity nanoparticles. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2407-2414.	1.5	25
33	Tidal variability of polycyclic aromatic hydrocarbons and organophosphate esters in the coastal seawater of Dalian, China. <i>Science of the Total Environment</i> , 2020, 708, 134441.	8.0	24
34	Distribution of organophosphate esters between the gas phase and PM _{2.5} in urban Dalian, China. <i>Environmental Pollution</i> , 2020, 259, 113882.	7.5	23
35	Pet hair as a potential sentinel of human exposure: Investigating partitioning and exposures from OPEs and PAHs in indoor dust, air, and pet hair from China. <i>Science of the Total Environment</i> , 2020, 745, 140934.	8.0	19
36	Hybrid peptide-molecularly imprinted polymer interface for electrochemical detection of vancomycin in complex matrices. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113220.	10.1	19

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37	Characteristics and risk assessment of organophosphorus flame retardants in urban road dust of Dalian, Northeast China. <i>Science of the Total Environment</i> , 2020, 705, 135995.	8.0	18
38	Desorption kinetics of tetracyclines in soils assessed by diffusive gradients in thin films. <i>Environmental Pollution</i> , 2020, 256, 113394.	7.5	17
39	Ornamental houseplants as potential biosamplers for indoor pollution of organophosphorus flame retardants. <i>Science of the Total Environment</i> , 2021, 767, 144433.	8.0	16
40	Occurrence and distribution of organophosphate flame retardants in the typical soil profiles of the Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2022, 807, 150519.	8.0	15
41	Investigation of interaction between MXene nanosheets and human plasma and protein corona composition. <i>Nanoscale</i> , 2022, 14, 3777-3787.	5.6	15
42	Elucidating the electrostatic interaction of sulfonic acid functionalized SBA-15 for ciprofloxacin adsorption. <i>Applied Surface Science</i> , 2015, 349, 224-229.	6.1	14
43	Determination of Heavy Metal Ions by Capillary Electrophoresis with Contactless Conductivity Detection after Field-amplified Sample Injection. <i>Analytical Sciences</i> , 2005, 21, 955-958.	1.6	13
44	A simple and efficient frit preparation method for one-end tapered fused silica-packed capillary columns in nano-ESI MS. <i>Proteomics</i> , 2010, 10, 1724-1727.	2.2	13
45	Clickable SBA-15 to Screen Functional Groups for Adsorption of Antibiotics. <i>Chemistry - an Asian Journal</i> , 2014, 9, 908-914.	3.3	12
46	Nanoengineering of amino - functionalized mesoporous silica nanospheres as nanoreactors. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 242-245.	4.4	12
47	Development of cerium oxide-based diffusive gradients in thin films technique for in-situ measurement of dissolved inorganic arsenic in waters. <i>Analytica Chimica Acta</i> , 2019, 1052, 65-72.	5.4	12
48	In situ measurement of synthetic musks in wastewaters using diffusive gradients in thin film technique. <i>Water Research</i> , 2020, 185, 116239.	11.3	11
49	Diffusive gradients in thin films using molecularly imprinted polymer binding gels for in situ measurements of antibiotics in urban wastewaters. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	6.0	9
50	Intrinsic adsorption properties of raw coal fly ash for quinoline from aqueous solution: kinetic and equilibrium studies. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	6
51	Simultaneous evaluation of kinetic release of labile arsenic and phosphorus in agricultural soils using cerium oxide-based DGT. <i>Science of the Total Environment</i> , 2022, 807, 151039.	8.0	6
52	Preparation and characterization of hydrophilic polydopamine-coated Fe ₃ O ₄ /oxide graphene imprinted nanocomposites for removal of bisphenol A in waters. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1836-1843.	2.7	5
53	Kinetics and mechanism study of H-acid degradation by peroxydisulfate activation with Co ₃ O ₄ -Fe ₂ O ₃ /Al ₂ O ₃ . <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 961-968.	2.7	5
54	Ceria oxide nanoparticle-based diffusive gradients in thin films for in situ measurement of dissolved reactive phosphorus in waters and sewage sludge. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11138-11146.	5.3	5

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55	Study of conical columns with 10° opening angle for preparative liquid chromatography. Journal of Chromatography A, 2006, 1108, 218-224.	3.7	3
56	Magnetic molecularly imprinted polymers for selectively adsorbing flavins and their effects on bioremoval of Acid Red 18 and Cr(VI). Journal of Chemical Technology and Biotechnology, 0, , .	3.2	3
57	Studies on column size scale-up and flow profile in conical shape liquid chromatographic column of 10° by visualization method. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2006, 1, 448-453.	0.4	1