

Jingwen Chen

List of Publications by Year in descending order

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374
papers

14,686
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28736

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docs citations

378
times ranked

14301
citing authors

#	ARTICLE	IF	CITATIONS
1	External Validation and Prediction Employing the Predictive Squared Correlation Coefficient \hat{r}^2 Test Set Activity Mean vs Training Set Activity Mean. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 2140-2145.	2.5	461
2	Performance of nano-Co ₃ O ₄ /peroxymonosulfate system: Kinetics and mechanism study using Acid Orange 7 as a model compound. <i>Applied Catalysis B: Environmental</i> , 2008, 80, 116-121.	10.8	380
3	Image Blind Denoising with Generative Adversarial Network Based Noise Modeling. , 2018, , .		342
4	Aquatic Photochemistry of Fluoroquinolone Antibiotics: Kinetics, Pathways, and Multivariate Effects of Main Water Constituents. <i>Environmental Science & Technology</i> , 2010, 44, 2400-2405.	4.6	261
5	Antibiotics in the coastal water of the South Yellow Sea in China: Occurrence, distribution and ecological risks. <i>Science of the Total Environment</i> , 2017, 595, 521-527.	3.9	213
6	Hormone Activity of Hydroxylated Polybrominated Diphenyl Ethers on Human Thyroid Receptor- β : <i>In Vitro</i> and <i>In Silico</i> Investigations. <i>Environmental Health Perspectives</i> , 2010, 118, 602-606.	2.8	211
7	Adsorption mechanism-based screening of cyclodextrin polymers for adsorption and separation of pesticides from water. <i>Water Research</i> , 2011, 45, 3499-3511.	5.3	187
8	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.	4.0	187
9	Distribution and sources of polycyclic aromatic hydrocarbons from urban to rural soils: A case study in Dalian, China. <i>Chemosphere</i> , 2007, 68, 965-971.	4.2	184
10	Insights into aquatic toxicities of the antibiotics oxytetracycline and ciprofloxacin in the presence of metal: Complexation versus mixture. <i>Environmental Pollution</i> , 2012, 166, 48-56.	3.7	178
11	A Review of the Properties and Processes Determining the Fate of Engineered Nanomaterials in the Aquatic Environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 2084-2134.	6.6	172
12	Bioaccumulation and Trophic Transfer of Short Chain Chlorinated Paraffins in a Marine Food Web from Liaodong Bay, North China. <i>Environmental Science & Technology</i> , 2014, 48, 5964-5971.	4.6	160
13	Light-Source-Dependent Effects of Main Water Constituents on Photodegradation of Phenicol Antibiotics: Mechanism and Kinetics. <i>Environmental Science & Technology</i> , 2009, 43, 3101-3107.	4.6	157
14	Antibiotic Pollution in Marine Food Webs in Laizhou Bay, North China: Trophodynamics and Human Exposure Implication. <i>Environmental Science & Technology</i> , 2017, 51, 2392-2400.	4.6	156
15	Distinct Photolytic Mechanisms and Products for Different Dissociation Species of Ciprofloxacin. <i>Environmental Science & Technology</i> , 2013, 47, 4284-4290.	4.6	152
16	Nutrients, heavy metals and microbial communities co-driven distribution of antibiotic resistance genes in adjacent environment of Aquaculture. <i>Environmental Pollution</i> , 2017, 220, 909-918.	3.7	137
17	Kinetics of oxidative decolorization and mineralization of Acid Orange 7 by dark and photoassisted Co ²⁺ -catalyzed peroxymonosulfate system. <i>Chemosphere</i> , 2007, 67, 802-808.	4.2	131
18	Enhancement of hexavalent chromium reduction and electricity production from a biocathode microbial fuel cell. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 937-945.	1.7	129

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19	Bioaccumulation and Trophic Transfer of Emerging Organophosphate Flame Retardants in the Marine Food Webs of Laizhou Bay, North China. <i>Environmental Science & Technology</i> , 2019, 53, 13417-13426.	4.6	120
20	CoMPARA: Collaborative Modeling Project for Androgen Receptor Activity. <i>Environmental Health Perspectives</i> , 2020, 128, 27002.	2.8	120
21	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.	2.6	119
22	Sources and seasonal variation of atmospheric polycyclic aromatic hydrocarbons in Dalian, China: Factor analysis with non-negative constraints combined with local source fingerprints. <i>Atmospheric Environment</i> , 2009, 43, 2747-2753.	1.9	112
23	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.	6.5	102
24	Fishmeal Application Induces Antibiotic Resistance Gene Propagation in Mariculture Sediment. <i>Environmental Science & Technology</i> , 2017, 51, 10850-10860.	4.6	100
25	Occurrence, distribution and ecological risks of antibiotics and pesticides in coastal waters around Liaodong Peninsula, China. <i>Science of the Total Environment</i> , 2019, 656, 946-951.	3.9	99
26	Disappearance of polycyclic aromatic hydrocarbons sorbed on surfaces of pine [<i>Pinus thunbergii</i>] needles under irradiation of sunlight: Volatilization and photolysis. <i>Atmospheric Environment</i> , 2005, 39, 4583-4591.	1.9	98
27	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.	2.7	96
28	Quantum Chemical Investigation and Experimental Verification on the Aquatic Photochemistry of the Sunscreen 2-Phenylbenzimidazole-5-Sulfonic Acid. <i>Environmental Science & Technology</i> , 2010, 44, 7484-7490.	4.6	94
29	Polycyclic aromatic hydrocarbons in Dalian soils: distribution and toxicity assessment. <i>Journal of Environmental Monitoring</i> , 2007, 9, 199-204.	2.1	93
30	Quantum Chemical Investigation on the Mechanism and Kinetics of PBDE Photooxidation by \hat{A} -OH: A Case Study for BDE-15. <i>Environmental Science & Technology</i> , 2011, 45, 4839-4845.	4.6	93
31	Organophosphorus Flame Retardants and Plasticizers in Building and Decoration Materials and Their Potential Burdens in Newly Decorated Houses in China. <i>Environmental Science & Technology</i> , 2017, 51, 10991-10999.	4.6	93
32	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.	1.8	90
33	Aquatic toxicity of nanosilver colloids to different trophic organisms: Contributions of particles and free silver ion. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2408-2413.	2.2	89
34	Atmospheric Chemical Reactions of Monoethanolamine Initiated by OH Radical: Mechanistic and Kinetic Study. <i>Environmental Science & Technology</i> , 2014, 48, 1700-1706.	4.6	89
35	Carbon and Electron Fluxes during the Electricity Driven 1,3-Propanediol Biosynthesis from Glycerol. <i>Environmental Science & Technology</i> , 2013, 47, 11199-11205.	4.6	86
36	Photolysis of polycyclic aromatic hydrocarbons adsorbed on spruce [<i>Picea abies</i> (L.) Karst.] needles under sunlight irradiation. <i>Environmental Pollution</i> , 2003, 123, 39-45.	3.7	83

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37	Occurrence and gas/particle partitioning of short- and medium-chain chlorinated paraffins in the atmosphere of Fildes Peninsula of Antarctica. <i>Atmospheric Environment</i> , 2014, 90, 10-15.	1.9	81
38	Enhancement of p,p'-DDT photodegradation on soil surfaces using TiO ₂ induced by UV-light. <i>Chemosphere</i> , 2005, 60, 266-273.	4.2	80
39	PAHs accelerate the propagation of antibiotic resistance genes in coastal water microbial community. <i>Environmental Pollution</i> , 2017, 231, 1145-1152.	3.7	80
40	Effects of Atmospheric Water on \cdot OH-initiated Oxidation of Organophosphate Flame Retardants: A DFT Investigation on TCPP. <i>Environmental Science & Technology</i> , 2017, 51, 5043-5051.	4.6	78
41	Phototransformation of 2,3-Dibromopropyl-2,4,6-tribromophenyl ether (DPTE) in Natural Waters: Important Roles of Dissolved Organic Matter and Chloride Ion. <i>Environmental Science & Technology</i> , 2018, 52, 10490-10499.	4.6	73
42	Source apportionment of PAHs in atmospheric particulates of Dalian: Factor analysis with nonnegative constraints and emission inventory analysis. <i>Atmospheric Environment</i> , 2006, 40, 6666-6675.	1.9	72
43	DOM from mariculture ponds exhibits higher reactivity on photodegradation of sulfonamide antibiotics than from offshore seawaters. <i>Water Research</i> , 2018, 144, 365-372.	5.3	70
44	Cation- π Interaction: A Key Force for Sorption of Fluoroquinolone Antibiotics on Pyrogenic Carbonaceous Materials. <i>Environmental Science & Technology</i> , 2017, 51, 13659-13667.	4.6	69
45	Long-term results of ammonia removal and transformation by biofiltration. <i>Journal of Hazardous Materials</i> , 2000, 80, 259-269.	6.5	67
46	Predicting Gaseous Reaction Rates of Short Chain Chlorinated Paraffins with \cdot OH: Overcoming the Difficulty in Experimental Determination. <i>Environmental Science & Technology</i> , 2014, 48, 13808-13816.	4.6	67
47	Aqueous OH Radical Reaction Rate Constants for Organophosphorus Flame Retardants and Plasticizers: Experimental and Modeling Studies. <i>Environmental Science & Technology</i> , 2018, 52, 2790-2799.	4.6	67
48	Bioaccumulation and tissue distribution of antibiotics in wild marine fish from Laizhou Bay, North China. <i>Science of the Total Environment</i> , 2018, 631-632, 1398-1405.	3.9	67
49	Spinel-based ceramic membranes coupling solid sludge recycling with oily wastewater treatment. <i>Water Research</i> , 2020, 169, 115180.	5.3	66
50	Presence and environmental risk assessment of selected antibiotics in coastal water adjacent to mariculture areas in the Bohai Sea. <i>Ecotoxicology and Environmental Safety</i> , 2019, 177, 117-123.	2.9	63
51	Photodegradation mechanism of sulfonamides with excited triplet state dissolved organic matter: A case of sulfadiazine with 4-carboxybenzophenone as a proxy. <i>Journal of Hazardous Materials</i> , 2015, 290, 9-15.	6.5	62
52	Quantitative structure-property relationships for octanol-air partition coefficients of polychlorinated biphenyls. <i>Chemosphere</i> , 2002, 48, 535-544.	4.2	61
53	Predicting rate constants of hydroxyl radical reactions with organic pollutants: Algorithm, validation, applicability domain, and mechanistic interpretation. <i>Atmospheric Environment</i> , 2009, 43, 1131-1135.	1.9	61
54	How PBDEs Are Transformed into Dihydroxylated and Dioxin Metabolites Catalyzed by the Active Center of Cytochrome P450s: A DFT Study. <i>Environmental Science & Technology</i> , 2016, 50, 8155-8163.	4.6	61

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55	Organophosphate esters in sediment cores from coastal Laizhou Bay of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2017, 607-608, 103-108.	3.9	61
56	Deep learning for predicting toxicity of chemicals: a mini review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2018, 36, 252-271.	2.9	61
57	Quantitative structure-activity relationship models for predicting reaction rate constants of organic contaminants with hydrated electrons and their mechanistic pathways. <i>Water Research</i> , 2019, 151, 468-477.	5.3	61
58	Developing QSAR Models with Defined Applicability Domains on PPAR β Binding Affinity Using Large Data Sets and Machine Learning Algorithms. <i>Environmental Science & Technology</i> , 2021, 55, 6857-6866.	4.6	61
59	pH-Dependent Degradation of Layered Black Phosphorus: Essential Role of Hydroxide Ions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 467-471.	7.2	60
60	Assessment of a model of pollution disaster in near-shore coastal waters based on catastrophe theory. <i>Ecological Modelling</i> , 2011, 222, 307-312.	1.2	59
61	Disparate effects of DOM extracted from coastal seawaters and freshwaters on photodegradation of 2,4-Dihydroxybenzophenone. <i>Water Research</i> , 2019, 151, 280-287.	5.3	59
62	Uptake of perfluorooctane sulfonate (PFOS) by wheat (<i>Triticum aestivum</i> L.) plant. <i>Chemosphere</i> , 2013, 91, 139-144.	4.2	58
63	Quantum Chemical Study on \cdot Cl-Initiated Atmospheric Degradation of Monoethanolamine. <i>Environmental Science & Technology</i> , 2015, 49, 13246-13255.	4.6	58
64	Quantitative Structure-Activity Relationship Models for Predicting Inflammatory Potential of Metal Oxide Nanoparticles. <i>Environmental Health Perspectives</i> , 2020, 128, 67010.	2.8	58
65	Important role of reaction field in photodegradation of deca-bromodiphenyl ether: Theoretical and experimental investigations of solvent effects. <i>Chemosphere</i> , 2009, 76, 1486-1490.	4.2	57
66	Effects of halide ions on photodegradation of sulfonamide antibiotics: Formation of halogenated intermediates. <i>Water Research</i> , 2016, 102, 405-412.	5.3	57
67	Photodegradation of PCDD/Fs adsorbed on spruce (<i>Picea abies</i> (L.) Karst.) needles under sunlight irradiation. <i>Chemosphere</i> , 2003, 50, 1217-1225.	4.2	56
68	Simulating Adsorption of Organic Pollutants on Finite (8,0) Single-Walled Carbon Nanotubes in Water. <i>Environmental Science & Technology</i> , 2012, 46, 8887-8894.	4.6	56
69	A microbial fuel cell-electrooxidation system for coking wastewater treatment and bioelectricity generation. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 621-627.	1.6	54
70	Modeling photodegradation kinetics of organic micropollutants in water bodies: A case of the Yellow River estuary. <i>Journal of Hazardous Materials</i> , 2018, 349, 60-67.	6.5	54
71	Uptake and metabolism of clarithromycin and sulfadiazine in lettuce. <i>Environmental Pollution</i> , 2019, 247, 1134-1142.	3.7	54
72	Is it possible to develop a QSPR model for direct photolysis half-lives of PAHs under irradiation of sunlight?. <i>Environmental Pollution</i> , 2001, 114, 137-143.	3.7	53

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73	Congener-specific distribution and bioaccumulation of short-chain chlorinated paraffins in sediments and bivalves of the Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2014, 79, 299-304.	2.3	53
74	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.	3.9	53
75	Rate constants of hydroxyl radicals reaction with different dissociation species of fluoroquinolones and sulfonamides: Combined experimental and QSAR studies. <i>Water Research</i> , 2019, 166, 115083.	5.3	53
76	Simultaneous removal of ethyl acetate and toluene in air streams using compost-based biofilters. <i>Journal of Hazardous Materials</i> , 2002, 95, 199-213.	6.5	52
77	Synergetic degradation of 2,4-D by integrated photo- and electrochemical catalysis on a Pt doped TiO ₂ /Ti electrode. <i>Separation and Purification Technology</i> , 2004, 34, 73-79.	3.9	52
78	Different photolysis kinetics and photooxidation reactivities of neutral and anionic hydroxylated polybrominated diphenyl ethers. <i>Chemosphere</i> , 2013, 90, 188-194.	4.2	52
79	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.	4.6	51
80	Screening and health risk of organic micropollutants in rural groundwater of Liaodong Peninsula, China. <i>Environmental Pollution</i> , 2016, 218, 739-748.	3.7	51
81	Characterization of PBDEs and novel brominated flame retardants in seawater near a coastal mariculture area of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2017, 580, 1446-1452.	3.9	51
82	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.	1.3	50
83	Photolysis of three antiviral drugs acyclovir, zidovudine and lamivudine in surface freshwater and seawater. <i>Chemosphere</i> , 2015, 138, 792-797.	4.2	50
84	Methanesulfonic Acid-driven New Particle Formation Enhanced by Monoethanolamine: A Computational Study. <i>Environmental Science & Technology</i> , 2019, 53, 14387-14397.	4.6	50
85	Bacterial community variations in paddy soils induced by application of veterinary antibiotics in plant-soil systems. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 44-53.	2.9	50
86	A review of environmental occurrence, analysis, bioaccumulation, and toxicity of organophosphate esters. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49507-49528.	2.7	50
87	Distribution of PAHs in pine (<i>Pinus thunbergii</i>) needles and soils correlates with their gas-particle partitioning. <i>Environmental Science & Technology</i> , 2009, 43, 1336-1341.	4.6	49
88	Photochemical transformation of sunscreen agent benzophenone-3 and its metabolite in surface freshwater and seawater. <i>Chemosphere</i> , 2016, 153, 494-499.	4.2	49
89	Face mask—A potential source of phthalate exposure for human. <i>Journal of Hazardous Materials</i> , 2022, 422, 126848.	6.5	49
90	A structure-based investigation on the binding interaction of hydroxylated polycyclic aromatic hydrocarbons with DNA. <i>Toxicology</i> , 2009, 262, 250-257.	2.0	48

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91	Investigation and application of diffusive gradients in thin-films technique for measuring endocrine disrupting chemicals in seawaters. <i>Chemosphere</i> , 2018, 200, 351-357.	4.2	48
92	Biological uptake and depuration of sulfadiazine and sulfamethoxazole in common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	4.2	47
93	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.	4.2	47
94	Insights into photolytic mechanism of sulfapyridine induced by triplet-excited dissolved organic matter. <i>Chemosphere</i> , 2016, 147, 305-310.	4.2	46
95	Photolysis mechanism of sulfonamide moiety in five-membered sulfonamides: A DFT study. <i>Chemosphere</i> , 2018, 197, 569-575.	4.2	46
96	Correlation between photolysis rate constants of polycyclic aromatic hydrocarbons and frontier molecular orbital energy. <i>Chemosphere</i> , 1996, 33, 1143-1150.	4.2	45
97	Phytotoxicity of PFOS and PFOA to <i>Brassica chinensis</i> in different Chinese soils. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1343-1347.	2.9	45
98	Toxicity profile of labile preservative bronopol in water: The role of more persistent and toxic transformation products. <i>Environmental Pollution</i> , 2011, 159, 609-615.	3.7	45
99	Polybrominated diphenyl ethers in soils of the modern Yellow River Delta, China: Occurrence, distribution and inventory. <i>Chemosphere</i> , 2012, 88, 791-797.	4.2	45
100	Development of a model for predicting reaction rate constants of organic chemicals with ozone at different temperatures. <i>Chemosphere</i> , 2013, 92, 1029-1034.	4.2	45
101	Development of a model for predicting hydroxyl radical reaction rate constants of organic chemicals at different temperatures. <i>Chemosphere</i> , 2014, 95, 613-618.	4.2	45
102	Atmospheric Oxidation of Piperazine Initiated by $\cdot\text{Cl}$: Unexpected High Nitrosamine Yield. <i>Environmental Science & Technology</i> , 2018, 52, 9801-9809.	4.6	45
103	Computational Toxicological Investigation on the Mechanism and Pathways of Xenobiotics Metabolized by Cytochrome P450: A Case of BDE-47. <i>Environmental Science & Technology</i> , 2012, 46, 5126-5133.	4.6	44
104	Quantitative predictive models for octanol-air partition coefficients of polybrominated diphenyl ethers at different temperatures. <i>Chemosphere</i> , 2003, 51, 577-584.	4.2	43
105	Different effects of humic substances on photodegradation of p,p'-DDT on soil surfaces in the presence of TiO ₂ under UV and visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 167, 177-183.	2.0	43
106	Quantitative structure-property relationships on photolysis of PCDD/Fs adsorbed to spruce (<i>Picea</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	4.2	43
107	Quantitative structure-property relationship studies on n-octanol/water partitioning coefficients of PCDD/Fs. <i>Chemosphere</i> , 2001, 44, 1369-1374.	4.2	42
108	Quantitative structure-property relationship studies on direct photolysis of selected polycyclic aromatic hydrocarbons in atmospheric aerosol. <i>Chemosphere</i> , 2001, 42, 263-270.	4.2	41

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109	Bioaccumulation and trophic transfer of polybrominated diphenyl ethers (PBDEs) in a marine food web from Liaodong Bay, North China. <i>Marine Pollution Bulletin</i> , 2013, 74, 110-115.	2.3	41
110	Recyclable Capture and Destruction of Aqueous Micropollutants Using the Molecule-Specific Cavity of Cyclodextrin Polymer Coupled with KMnO_4 Oxidation. <i>Environmental Science & Technology</i> , 2015, 49, 9264-9272.	4.6	41
111	Piperazine Enhancing Sulfuric Acid-Based New Particle Formation: Implications for the Atmospheric Fate of Piperazine. <i>Environmental Science & Technology</i> , 2019, 53, 8785-8795.	4.6	41
112	Development of Prediction Models on Base-Catalyzed Hydrolysis Kinetics of Phthalate Esters with Density Functional Theory Calculation. <i>Environmental Science & Technology</i> , 2019, 53, 5828-5837.	4.6	41
113	Antibiotics in a general population: Relations with gender, body mass index (BMI) and age and their human health risks. <i>Science of the Total Environment</i> , 2017, 599-600, 298-304.	3.9	40
114	Seasonal variation, air-water exchange, and multivariate source apportionment of polycyclic aromatic hydrocarbons in the coastal area of Dalian, China. <i>Environmental Pollution</i> , 2019, 244, 405-413.	3.7	40
115	Development of models predicting biodegradation rate rating with multiple linear regression and support vector machine algorithms. <i>Chemosphere</i> , 2020, 253, 126666.	4.2	40
116	Photochemistry of dissolved organic matter extracted from coastal seawater: Excited triplet-states and contents of phenolic moieties. <i>Water Research</i> , 2021, 188, 116568.	5.3	40
117	Theoretical Investigation on the Different Reaction Mechanisms of Aqueous 2-Amino-2-methyl-1-propanol and Monoethanolamine with CO_2 . <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3363-3372.	1.8	39
118	Prediction of Hydrolysis Pathways and Kinetics for Antibiotics under Environmental pH Conditions: A Quantum Chemical Study on Cephadrine. <i>Environmental Science & Technology</i> , 2015, 49, 1552-1558.	4.6	39
119	Predicting anti-androgenic activity of bisphenols using molecular docking and quantitative structure-activity relationships. <i>Chemosphere</i> , 2016, 163, 373-381.	4.2	39
120	Triazines in the aquatic systems of the Eastern Chinese Rivers Liao-He and Yangtse. <i>Chemosphere</i> , 2002, 47, 455-466.	4.2	38
121	QSPR models for physicochemical properties of polychlorinated diphenyl ethers. <i>Science of the Total Environment</i> , 2003, 305, 65-76.	3.9	38
122	C60-DOM interactions and effects on C60 apparent solubility: A molecular mechanics and density functional theory study. <i>Environment International</i> , 2011, 37, 1078-1082.	4.8	38
123	In silico model for predicting soil organic carbon normalized sorption coefficient (KOC) of organic chemicals. <i>Chemosphere</i> , 2015, 119, 438-444.	4.2	38
124	Development of a QSAR model for predicting aqueous reaction rate constants of organic chemicals with hydroxyl radicals. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 350-356.	1.7	38
125	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.	4.0	38
126	Unveiling Adsorption Mechanisms of Organic Pollutants onto Carbon Nanomaterials by Density Functional Theory Computations and Linear Free Energy Relationship Modeling. <i>Environmental Science & Technology</i> , 2017, 51, 11820-11828.	4.6	38

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127	Toluene vapour degradation and microbial community in biofilter at various moisture content. <i>Process Biochemistry</i> , 2002, 38, 109-113.	1.8	37
128	Application of a level IV fugacity model to simulate the long-term fate of hexachlorocyclohexane isomers in the lower reach of Yellow River basin, China. <i>Chemosphere</i> , 2009, 74, 370-376.	4.2	37
129	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.	3.9	37
130	Tissue-Specific Accumulation, Biotransformation, and Physiologically Based Toxicokinetic Modeling of Benzotriazole Ultraviolet Stabilizers in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2021, 55, 11874-11884.	4.6	37
131	Time-dependent density functional theory study on the electronic excited-state hydrogen-bonding dynamics of 4-aminophthalimide (4AP) in aqueous solution: 4AP and 4AP ²⁻ (H ₂ O) _{1,2} clusters. <i>Journal of Computational Chemistry</i> , 2010, 31, 2157-2163.	1.5	36
132	Effects of excited-state structures and properties on photochemical degradation of polybrominated diphenyl ethers: A TDDFT study. <i>Chemosphere</i> , 2012, 88, 33-38.	4.2	36
133	A practical approach to determine dose metrics for nanomaterials. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1015-1022.	2.2	36
134	Photoinduced formation of reactive oxygen species and electrons from metal oxide-silica nanocomposite: An EPR spin-trapping study. <i>Applied Surface Science</i> , 2017, 416, 281-287.	3.1	36
135	Association of polybrominated diphenylethers (PBDEs) and hydroxylated metabolites (OH-PBDEs) serum levels with thyroid function in thyroid cancer patients. <i>Environmental Research</i> , 2017, 159, 1-8.	3.7	36
136	Occurrence, distribution, and air-water exchange of organophosphorus flame retardants in a typical coastal area of China. <i>Chemosphere</i> , 2018, 211, 335-344.	4.2	36
137	Simulated sunlight-induced inactivation of tetracycline resistant bacteria and effects of dissolved organic matter. <i>Water Research</i> , 2020, 185, 116241.	5.3	36
138	Structural Effects of Amines in Enhancing Methanesulfonic Acid-Driven New Particle Formation. <i>Environmental Science & Technology</i> , 2020, 54, 13498-13508.	4.6	36
139	Occurrence and Health Risks of Organic Micro-Pollutants and Metals in Groundwater of Chinese Rural Areas. <i>Environmental Health Perspectives</i> , 2020, 128, 107010.	2.8	36
140	Occurrence and ecological risks of 156 pharmaceuticals and 296 pesticides in seawater from mariculture areas of Northeast China. <i>Science of the Total Environment</i> , 2021, 792, 148375.	3.9	36
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