

# Qiming Xian

## List of Publications by Year in descending order

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54  
papers

2,982  
citations

147801

31  
h-index

161849

54  
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54  
all docs

54  
docs citations

54  
times ranked

3031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin ZnIn <sub>2</sub> S <sub>4</sub> Nanosheets Anchored on Ti <sub>3</sub> C <sub>2</sub> T <sub>X</sub> MXene for Photocatalytic H <sub>2</sub> Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11287-11292.	13.8	416
2	OD/2D Co <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> Z-Scheme heterojunction for boosted photocatalytic degradation and mechanism investigation. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119298.	20.2	256
3	CeO <sub>2</sub> nanocrystal-modified layered MoS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> as OD/2D ternary composite for visible-light photocatalytic hydrogen evolution: Interfacial consecutive multi-step electron transfer and enhanced H <sub>2</sub> O reactant adsorption. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118072.	20.2	158
4	Sources and environmental behavior of dechlorane plus "A" review. <i>Environment International</i> , 2011, 37, 1273-1284.	10.0	153
5	Direct Z-scheme TiO <sub>2</sub> /ZnIn <sub>2</sub> S <sub>4</sub> nanoflowers for cocatalyst-free photocatalytic water splitting. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120126.	20.2	147
6	Removal of nutrients and veterinary antibiotics from swine wastewater by a constructed macrophyte floating bed system. <i>Journal of Environmental Management</i> , 2010, 91, 2657-2661.	7.8	109
7	Enhanced photocatalytic water oxidation by hierarchical 2D-Bi <sub>2</sub> MoO <sub>6</sub> @2D-MXene Schottky junction nanohybrid. <i>Chemical Engineering Journal</i> , 2021, 403, 126328.	12.7	94
8	Detection, formation and occurrence of 13 new polar phenolic chlorinated and brominated disinfection byproducts in drinking water. <i>Water Research</i> , 2017, 112, 129-136.	11.3	89
9	Occurrence and ecological risk assessment of disinfection byproducts from chlorination of wastewater effluents in East China. <i>Water Research</i> , 2019, 157, 247-257.	11.3	89
10	Occurrence and health risk assessment of halogenated disinfection byproducts in indoor swimming pool water. <i>Science of the Total Environment</i> , 2016, 543, 425-431.	8.0	78
11	Facile synthesis of graphene nano zero-valent iron composites and their efficient removal of trichloronitromethane from drinking water. <i>Chemosphere</i> , 2016, 146, 32-39.	8.2	77
12	Isolation and Identification of Antialgal Compounds from the Leaves of <i>Vallisneria spiralis</i> L. by Activity-Guided Fractionation (5 pp). <i>Environmental Science and Pollution Research</i> , 2006, 13, 233-237.	5.3	74
13	Transformation among Aromatic Iodinated Disinfection Byproducts in the Presence of Monochloramine: From Monoiodophenol to Triiodophenol and Diiodonitrophenol. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10562-10571.	10.0	72
14	Edge-Rich Bicrystalline 1T/2H-MoS <sub>2</sub> Cocatalyst-Decorated {110} Terminated CeO <sub>2</sub> Nanorods for Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35818-35827.	8.0	65
15	Sol-gel based metal-organic framework zeolite imidazolate framework-8 fibers for solid-phase microextraction of nitro polycyclic aromatic hydrocarbons and polycyclic aromatic hydrocarbons in water samples. <i>Journal of Chromatography A</i> , 2019, 1603, 92-101.	3.7	64
16	Graphite-like carbon nitride coupled with tiny Bi <sub>2</sub> S <sub>3</sub> nanoparticles as 2D/OD heterojunction with enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2018, 444, 75-86.	6.1	55
17	Formation and toxicity of halogenated disinfection byproducts resulting from linear alkylbenzene sulfonates. <i>Chemosphere</i> , 2016, 149, 70-75.	8.2	54
18	Allelopathic activity of volatile substance from submerged macrophytes on <i>Microcystin aeruginosa</i> . <i>Acta Ecologica Sinica</i> , 2006, 26, 3549-3554.	1.9	51

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19	Sheet-on-sheet TiO <sub>2</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterostructure for enhanced photocatalytic amoxicillin degradation. <i>Journal of Hazardous Materials</i> , 2022, 421, 126634.	12.4	50
20	Formation of iodinated trihalomethanes and haloacetic acids from aromatic iodinated disinfection byproducts during chloramination. <i>Water Research</i> , 2018, 147, 254-263.	11.3	48
21	A novel molecularly imprinted polymer-solid phase extraction method coupled with high performance liquid chromatography tandem mass spectrometry for the determination of nitrosamines in water and beverage samples. <i>Food Chemistry</i> , 2019, 292, 267-274.	8.2	47
22	Metagenomic insights into tetracycline effects on microbial community and antibiotic resistance of mouse gut. <i>Ecotoxicology</i> , 2015, 24, 2125-2132.	2.4	46
23	Simultaneous determination of iodinated haloacetic acids and aromatic iodinated disinfection byproducts in waters with a new SPE-HPLC-MS/MS method. <i>Chemosphere</i> , 2018, 198, 147-153.	8.2	46
24	Carbon Nitride-Modified Defective TiO <sub>2</sub> @Carbon Spheres for Photocatalytic H <sub>2</sub> Evolution and Pollutants Removal: Synergistic Effect and Mechanism Insight. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20444-20458.	3.1	45
25	DBPs formation and genotoxicity during chlorination of pyrimidines and purines bases. <i>Chemical Engineering Journal</i> , 2017, 307, 884-890.	12.7	41
26	Ultrafine Bi <sub>3</sub> TaO <sub>7</sub> Nanodot-Decorated V, N Codoped TiO <sub>2</sub> Nanoblocks for Visible-Light Photocatalytic Activity: Interfacial Effect and Mechanism Insight. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13011-13021.	8.0	41
27	Formation and Decomposition of New Iodinated Halobenzoquinones during Chloramination in Drinking Water. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5237-5248.	10.0	37
28	Nitrated and parent PAHs in the surface water of Lake Taihu, China: Occurrence, distribution, source, and human health risk assessment. <i>Journal of Environmental Sciences</i> , 2021, 102, 159-169.	6.1	36
29	Selection and applicability of quenching agents for the analysis of polar iodinated disinfection byproducts. <i>Chemosphere</i> , 2016, 163, 359-365.	8.2	34
30	Green and efficient synthesis of Co-MOF-based/g-C <sub>3</sub> N <sub>4</sub> composite catalysts to activate peroxymonosulfate for degradation of the antidepressant venlafaxine. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 280-294.	9.4	34
31	Characterization, DBPs formation, and mutagenicity of soluble microbial products (SMPs) in wastewater under simulated stressful conditions. <i>Chemical Engineering Journal</i> , 2015, 279, 258-263.	12.7	33
32	Photocatalytic degradation mechanism of phenanthrene over visible light driven plasmonic Ag/Ag <sub>3</sub> PO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction nanocomposite. <i>Chemosphere</i> , 2022, 293, 133575.	8.2	33
33	Molecularly imprinted solid phase extraction coupled with gas chromatography-mass spectrometry for determination of N-Nitrosodiphenylamine in water samples. <i>Chemosphere</i> , 2018, 212, 872-880.	8.2	29
34	Trihalomethane yields from twelve aromatic halogenated disinfection byproducts during chlor(am)ination. <i>Chemosphere</i> , 2019, 228, 668-675.	8.2	24
35	Formation of haloacetic acids from different organic precursors in swimming pool water during chlorination. <i>Chemosphere</i> , 2020, 247, 125793.	8.2	23
36	Comparative toxicity of chloro- and bromo-nitromethanes in mice based on a metabolomic method. <i>Chemosphere</i> , 2017, 185, 20-28.	8.2	22

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37	Variation of levels and distribution of N-nitrosamines in different seasons in drinking waters of East China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11792-11800.	5.3	20
38	Rapid and complete dehalogenation of halonitromethanes in simulated gastrointestinal tract and its influence on toxicity. <i>Chemosphere</i> , 2018, 211, 1147-1155.	8.2	20
39	A highly selective fluorescent and chromogenic probe for CN <sup>3-</sup> detection and its applications in bioimaging. <i>Talanta</i> , 2018, 190, 487-491.	5.5	19
40	Analysis of trace-level nitrated polycyclic aromatic hydrocarbons in water samples by solid-phase microextraction with gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 2681-2687.	2.5	16
41	Study on the Structure and Mutagenicity of a New Disinfection Byproduct in Chlorinated Drinking Water. <i>Environmental Science &amp; Technology</i> , 2005, 39, 7499-7508.	10.0	15
42	Cold on-column injection coupled with gas chromatography/mass spectrometry for determining halonitromethanes in drinking water. <i>Analytical Methods</i> , 2016, 8, 362-370.	2.7	15
43	Formation and influence factors of halonitromethanes in chlorination of nitro-aromatic compounds. <i>Chemosphere</i> , 2021, 278, 130497.	8.2	15
44	Occurrence of dissolved black carbon in source water and disinfection byproducts formation during chlorination. <i>Journal of Hazardous Materials</i> , 2022, 435, 129054.	12.4	14
45	Evaluation of DBPs formation from SMPs exposed to chlorine, chloramine and ozone. <i>Journal of Water and Health</i> , 2017, 15, 185-195.	2.6	12
46	Levels and distribution of Dechloranes in sediments of Lake Taihu, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6601-6609.	5.3	11
47	Formation potential of N-nitrosamines from soluble microbial products (SMPs) exposed to chlorine, chloramine and ozone. <i>RSC Advances</i> , 2015, 5, 83682-83688.	3.6	9
48	Detection method and toxicity study of a new disinfection by-product, 2,2,4-trichloro-5-methoxycyclopenta-4-ene-1,3-dione (TCMCD), in chlorinated drinking water. <i>Water Research</i> , 2010, 44, 974-980.	11.3	8
49	NDMA adsorption and degradation by a new-type of Ag-MONT material carrying nanoscale zero-valent iron. <i>Chemosphere</i> , 2021, 268, 129271.	8.2	8
50	Photodegradation of acenaphthylene over plasmonic Ag/Ag <sub>3</sub> PO <sub>4</sub> nanopolyhedrons synthesized via in-situ reduction. <i>Applied Surface Science</i> , 2022, 572, 151421.	6.1	8
51	All-solid-state Z-scheme heterostructures of 1T/2H-MoS <sub>2</sub> nanosheets coupled V-doped hierarchical TiO <sub>2</sub> spheres for enhanced photocatalytic activity. <i>Materials Today Energy</i> , 2022, 23, 100901.	4.7	8
52	Occurrence and transformation of newly discovered 2-bromo-6-chloro-1,4-benzoquinone in chlorinated drinking water. <i>Journal of Hazardous Materials</i> , 2022, 436, 129189.	12.4	8
53	ZIF-8/h-BN coated solid-phase microextraction fiber via physical coating technology and sol-gel technology for the determination of nitro polycyclic aromatic hydrocarbons from water samples. <i>Microchemical Journal</i> , 2022, 179, 107471.	4.5	5
54	Solid-phase microextraction combined with gas chromatography/triple quadrupole tandem mass spectrometry for determination of nitrated polycyclic aromatic hydrocarbons in sediments. <i>Journal of Separation Science</i> , 2022, , .	2.5	1