

# Xianguo Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6026113/publications.pdf>

Version: 2024-02-01

77  
papers

1,963  
citations

201674

27  
h-index

276875

41  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding low-lipid algae hydrothermal liquefaction characteristics and pathways through hydrothermal liquefaction of algal major components: Crude polysaccharides, crude proteins and their binary mixtures. <i>Bioresource Technology</i> , 2015, 196, 99-108.	9.6	119
2	Direct hydrothermal liquefaction of undried macroalgae <i>Enteromorpha prolifera</i> using acid catalysts. <i>Energy Conversion and Management</i> , 2014, 87, 938-945.	9.2	116
3	Sources and ecological risk assessment of PAHs in surface sediments from Bohai Sea and northern part of the Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2015, 96, 485-490.	5.0	102
4	Source apportionment of polycyclic aromatic hydrocarbons in surface sediment of mud areas in the East China Sea using diagnostic ratios and factor analysis. <i>Marine Pollution Bulletin</i> , 2013, 70, 266-273.	5.0	84
5	Higher Alcohols from Synthesis Gas Using Carbon-Supported Doped Molybdenum-Based Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 1998, 37, 3853-3863.	3.7	65
6	Distributions and sources of polychlorinated biphenyls in the coastal East China Sea sediments. <i>Science of the Total Environment</i> , 2013, 463-464, 894-903.	8.0	60
7	Prediction of the bioaccumulation of PAHs in surface sediments of Bohai Sea, China and quantitative assessment of the related toxicity and health risk to humans. <i>Marine Pollution Bulletin</i> , 2016, 104, 92-100.	5.0	59
8	Current levels, composition profiles, source identification and potentially ecological risks of polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in the surface sediments from Bohai Sea. <i>Marine Pollution Bulletin</i> , 2015, 101, 834-844.	5.0	57
9	A Temperature-Programmed-Reduction Study on Alkali-Promoted, Carbon-Supported Molybdenum Catalysts. <i>Journal of Catalysis</i> , 2000, 190, 1-13.	6.2	53
10	Recent advances in the biodegradation of azo dyes. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 137.	3.6	52
11	Characterizing distributions, composition profiles, sources and potential health risk of polybrominated diphenyl ethers (PBDEs) in the coastal sediments from East China Sea. <i>Environmental Pollution</i> , 2016, 213, 468-481.	7.5	49
12	Polychlorinated biphenyls in sediments of the Yellow Sea: Distribution, source identification and flux estimation. <i>Marine Pollution Bulletin</i> , 2013, 76, 283-290.	5.0	44
13	The seasonal distribution characteristics of microplastics on bathing beaches along the coast of Qingdao, China. <i>Science of the Total Environment</i> , 2021, 783, 146969.	8.0	44
14	Photodegradation of nonylphenol by simulated sunlight. <i>Marine Pollution Bulletin</i> , 2013, 66, 47-52.	5.0	41
15	Quantitatively assessing the health risk of exposure to PAHs from intake of smoked meats. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 91-95.	6.0	41
16	Screening of Alkali-Promoted Vapor-Phase-Synthesized Molybdenum Sulfide Catalysts for the Production of Alcohols from Synthesis Gas. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 3085-3093.	3.7	38
17	Estimation of dry deposition fluxes of particulate species to the water surface in the Qingdao area, using a model and surrogate surfaces. <i>Atmospheric Environment</i> , 2005, 39, 2081-2088.	4.1	38
18	Bromomyrothenone B and Botrytinone, Cyclopentenone Derivatives from a Marine Isolate of the Fungus <i>Botrytis</i> . <i>Journal of Natural Products</i> , 2007, 70, 307-309.	3.0	38

#	ARTICLE	IF	CITATIONS
19	Catalytic upgrading of bio-oil in hydrothermal liquefaction of algae major model components over liquid acids. <i>Energy Conversion and Management</i> , 2017, 154, 336-343.	9.2	38
20	Polybrominated diphenyl ethers in sediments from the Southern Yellow Sea: Concentration, composition profile, source identification and mass inventory. <i>Chemosphere</i> , 2016, 144, 2097-2105.	8.2	37
21	Assessing the potential risk and relationship between microplastics and phthalates in surface seawater of a heavily human-impacted metropolitan bay in northern China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111067.	6.0	35
22	Alcohol Synthesis over Pre-Reduced Activated Carbon-Supported Molybdenum-Based Catalysts. <i>Molecules</i> , 2003, 8, 13-30.	3.8	34
23	Pathway of diethyl phthalate photolysis in sea-water determined by gas chromatography-mass spectrometry and compound-specific isotope analysis. <i>Chemosphere</i> , 2013, 90, 220-226.	8.2	34
24	Alkylphenols in surface sediments of the Yellow Sea and East China Sea inner shelf: Occurrence, distribution and fate. <i>Chemosphere</i> , 2014, 107, 265-273.	8.2	32
25	Fischer-Tropsch synthesis on Fe-Mn ultrafine catalysts. <i>Catalysis Letters</i> , 1994, 23, 245-250.	2.6	31
26	Preparation and thermal decomposition of 5Mg(OH)2·MgSO4·2H2O nanowhiskers. <i>Chemical Engineering Journal</i> , 2009, 150, 551-554.	12.7	31
27	Photodegradation of nonylphenol in aqueous solution by simulated solar UV-irradiation: The comprehensive effect of nitrate, ferric ion and bicarbonate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 326, 9-15.	3.9	31
28	Congener profiles, distribution, sources and ecological risk of parent and alkyl-PAHs in surface sediments of Southern Yellow Sea, China. <i>Science of the Total Environment</i> , 2017, 580, 1309-1317.	8.0	28
29	The effect of pH, nitrate, iron (III) and bicarbonate on photodegradation of oxytetracycline in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 239-247.	3.9	28
30	Intensified episodes of East Asian Winter Monsoon during the middle through late Holocene driven by North Atlantic cooling events: High-resolution lignin records from the South Yellow Sea, China. <i>Earth and Planetary Science Letters</i> , 2017, 479, 144-155.	4.4	27
31	Surface modification and characterization of magnesium hydroxide sulfate hydrate nanowhiskers. <i>Applied Surface Science</i> , 2010, 256, 3234-3239.	6.1	26
32	An assessment of human influences on sources of polycyclic aromatic hydrocarbons in the estuarine and coastal sediments of China. <i>Marine Pollution Bulletin</i> , 2015, 97, 309-318.	5.0	26
33	Ethanol as an efficient cosubstrate for the biodegradation of azo dyes by <i>Providencia rettgeri</i> : Mechanistic analysis based on kinetics, pathways and genomics. <i>Bioresource Technology</i> , 2021, 319, 124117.	9.6	21
34	Reflection of concentrations of polybrominated diphenyl ethers in health risk assessment: A case study in sediments from the metropolitan river, North China. <i>Environmental Pollution</i> , 2019, 247, 80-88.	7.5	20
35	The effect of hydrodynamic forcing on the transport and deposition of polybrominated diphenyl ethers (PBDEs) in Hangzhou Bay. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 111-118.	6.0	20
36	Occurrence of microplastics carried on <i>Ulva prolifera</i> from the Yellow Sea, China. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020, 2, 100054.	6.1	20

#	ARTICLE	IF	CITATIONS
37	Distribution and environmental risk assessment of microplastics in continental shelf sediments in the southern East China Sea: A high-spatial-resolution survey. <i>Marine Pollution Bulletin</i> , 2022, 177, 113548.	5.0	20
38	Different pathways for 4-n-nonylphenol biodegradation by two <i>Aspergillus</i> strains derived from estuary sediment: Evidence from metabolites determination and key-gene identification. <i>Journal of Hazardous Materials</i> , 2018, 359, 203-212.	12.4	19
39	Characterization of dust and non-dust aerosols with SEM/EDX. <i>Journal of Ocean University of China</i> , 2006, 5, 85-90.	1.2	18
40	A QSAR study on the biodegradation activity of PAHs in aged contaminated sediments. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 114, 50-55.	3.5	17
41	An X-ray photoelectron spectroscopy study of elements on the surface of aerosol particles. <i>Journal of Aerosol Science</i> , 2006, 37, 218-227.	3.8	16
42	Distribution and region-specific sources of Dechlorane Plus in marine sediments from the coastal East China Sea. <i>Science of the Total Environment</i> , 2016, 573, 389-396.	8.0	16
43	Compound-specific isotope analysis for aerobic biodegradation of phthalate acid esters. <i>Talanta</i> , 2012, 97, 445-449.	5.5	15
44	Scalable synthesis of nanometric $\text{Fe}_2\text{O}_3$ within interconnected carbon shells from pyrolytic alginate chelates for lithium storage. <i>RSC Advances</i> , 2016, 6, 7961-7969.	3.6	15
45	An EXAFS Study on the Local Structure Around Iron in Atmospheric Aerosols Collected in the Qingdao Area. <i>Molecules</i> , 2003, 8, 31-39.	3.8	14
46	Behavior of stable carbon isotope of phthalate acid esters during photolysis under ultraviolet irradiation. <i>Chemosphere</i> , 2013, 92, 1557-1562.	8.2	14
47	Effects of terrestrial and marine organic matters on deposition of dechlorane plus (DP) in marine sediments from the Southern Yellow Sea, China: Evidence from multiple biomarkers. <i>Environmental Pollution</i> , 2017, 230, 153-162.	7.5	14
48	Influence of human activities and organic matters on occurrence of polybrominated diphenyl ethers in marine sediment core: A case study in the Southern Yellow Sea, China. <i>Chemosphere</i> , 2017, 189, 104-114.	8.2	13
49	The determination of 52 elements in marine geological samples by an inductively coupled plasma optical emission spectrometry and an inductively coupled plasma mass spectrometry with a high-pressure closed digestion method. <i>Acta Oceanologica Sinica</i> , 2017, 36, 109-117.	1.0	13
50	Determination of lignin in marine sediment using alkaline cupric oxide oxidation-solid phase extraction-on-column derivatization-gas chromatography. <i>Journal of Ocean University of China</i> , 2013, 12, 63-69.	1.2	12
51	Lignin in marine environment and its analysis—A review. <i>Journal of Ocean University of China</i> , 2012, 11, 501-506.	1.2	11
52	Interaction mechanism exploration of HEA derivatives as BACE1 inhibitors by in silico analysis. <i>Molecular BioSystems</i> , 2016, 12, 1151-1165.	2.9	11
53	Optimization of ultrasonic extraction and clean-up protocol for the determination of polycyclic aromatic hydrocarbons in marine sediments by high-performance liquid chromatography coupled with fluorescence detection. <i>Journal of Ocean University of China</i> , 2012, 11, 331-338.	1.2	9
54	Immobilization of Cyclooxygenase-2 on Silica Gel Microspheres: Optimization and Characterization. <i>Molecules</i> , 2015, 20, 19971-19983.	3.8	9

#	ARTICLE	IF	CITATIONS
55	The nonylphenol biodegradation study by estuary sediment-derived fungus <i>Penicillium simplicissimum</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 15122-15132.	5.3	9
56	Hydrodynamic sorting controls the transport and hampers source identification of terrigenous organic matter: A case study in East China Sea inner shelf and its implication. <i>Science of the Total Environment</i> , 2020, 706, 135699.	8.0	9
57	Mechanism Study on Photodegradation of Nonylphenol in Water by Intermediate Products Analysis. <i>Acta Chimica Sinica</i> , 2012, 70, 1819.	1.4	7
58	Evidence for paleoclimate changes from lignin records of sediment core A02 in the southern Yellow Sea since ~ 9.5 cal. kyr B.P.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 479, 173-184.	2.3	6
59	Distribution, composition profiles, source identification and potential risk assessment of Polychlorinated Biphenyls (PCBs) and Dechlorane Plus (DP) in sediments from Liaohe Estuary. <i>Regional Studies in Marine Science</i> , 2020, 36, 101291.	0.7	6
60	An optimized procedure for extraction and identification of microplastics in marine sediment. <i>Marine Pollution Bulletin</i> , 2021, 165, 112130.	5.0	6
61	Unique functional responses of fungal communities to various environments in the mangroves of the Maowei Sea in Guangxi, China. <i>Marine Pollution Bulletin</i> , 2021, 173, 113091.	5.0	6
62	Effect of Ni on K-doped molybdenum-on-carbon catalysts: Temperature-programmed reduction and reactivity to higher-alcohol formation. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 299-304.	1.5	5
63	Ophiobolin O and 6-Epi-Ophiobolin O, Two New Cytotoxic Sesterterpenes from the Marine Derived Fungus <i>Aspergillus</i> Sp. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	5
64	Optimization of sample pretreatment for determination of polycyclic aromatic hydrocarbons in estuarine sediments by gas chromatography. <i>Journal of Ocean University of China</i> , 2012, 11, 159-164.	1.2	4
65	Historical records and the sources of polycyclic aromatic hydrocarbons in the East China Sea. <i>China Geology</i> , 2018, 1, 505-511.	1.0	4
66	Sources and Transport of Terrigenous Organic Matters Along the East China Sea Inner Shelf: Insights from Lignin and Alkane Biomarkers. <i>Journal of Ocean University of China</i> , 2021, 20, 866-878.	1.2	4
67	Application of Principal Component Analysis (PCA) to the Evaluation and Screening of Multiactivity Fungi. <i>Journal of Ocean University of China</i> , 2022, 21, 763-772.	1.2	3
68	One-Step Hydrothermal Synthesis of Magnesium Hydroxide Sulfate Hydrate Whiskers Using Brine as Raw Material. <i>Advanced Materials Research</i> , 2011, 233-235, 2545-2548.	0.3	2
69	QSAR for photodegradation activity of polycyclic aromatic hydrocarbons in aqueous systems. <i>Journal of Ocean University of China</i> , 2014, 13, 66-72.	1.2	2
70	Typical persistent organic pollutants (POPs) in sediments from the Yellow and East China Seas and adjacent coastal areas, China. <i>Scientia Sinica Chimica</i> , 2017, 47, 1284-1297.	0.4	2
71	The International Symposium on Frontiers in Molecular Science 2002 (ISFMS 2002), Qingdao, China, July 15-18, 2002. <i>Molecules</i> , 2002, 7, 854-854.	3.8	1
72	Changes in terrestrial organic matter and pollutant input to the Yangtze River Estuary, East China Sea, during the past century. <i>Environmental Chemistry</i> , 2016, 13, 631.	1.5	1

#	ARTICLE	IF	CITATIONS
73	The sources of Dechlorane Plus (DP) in surface sediment from Bohai Sea and the northern part of the Yellow Sea, China: Evidence from the fractional abundance of anti-DP (fanti) combined with lignin biomarker. <i>Regional Studies in Marine Science</i> , 2020, 39, 101437.	0.7	1
74	A theoretical study on the photodegradation mechanism of the endocrine disrupting chemical p-nonylphenol induced by OH in water. <i>Marine Pollution Bulletin</i> , 2021, 173, 113107.	5.0	1
75	The Relationship Study of Biomass, Situation, and Artificial Control: the Degradation of NP Using Estuary-Derived Fungi. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	0
76	Application of sulfonated activated-carbon solid acid in ethanol thermal liquefaction of algae. <i>Scientia Sinica Chimica</i> , 2017, 47, 1344-1352.	0.4	0
77	The relationships between health risk and special weather conditions according to fungal community characteristics. <i>Aerobiologia</i> , 0, , .	1.7	0