Xue Yang

List of Publications by Year
in descending order

74 papers	2,422 citations	257101 24 h-index	214527 47 g-index
75 all docs	75 docs citations	75 times ranked	2649 citing authors

#	Article	IF	Citations
1	Toxic effects of microplastic on marine microalgae Skeletonema costatum: Interactions between microplastic and algae. Environmental Pollution, 2017, 220, 1282-1288.	3.7	572
2	Multi-Task Allocation in Mobile Crowd Sensing with Individual Task Quality Assurance. IEEE Transactions on Mobile Computing, 2018, 17, 2101-2113.	3.9	130
3	Task Allocation in Mobile Crowd Sensing: State-of-the-Art and Future Opportunities. IEEE Internet of Things Journal, 2018, 5, 3747-3757.	5.5	109
4	The interactions between micro polyvinyl chloride (mPVC) and marine dinoflagellate Karenia mikimotoi: The inhibition of growth, chlorophyll and photosynthetic efficiency. Environmental Pollution, 2019, 247, 883-889.	3.7	101
5	Growth inhibition of the microalgae Skeletonema costatum under copper nanoparticles with microplastic exposure. Marine Environmental Research, 2020, 158, 105005.	1.1	83
6	Distribution of nutrients and eutrophication assessment in the Bohai Sea of China. Chinese Journal of Oceanology and Limnology, 2009, 27, 177-183.	0.7	78
7	Studies on the sorption of tetracycline onto clays and marine sediment from seawater. Journal of Colloid and Interface Science, 2010, 349, 578-582.	5.0	78
8	Toxic effects of nano-ZnO on marine microalgae Skeletonema costatum : Attention to the accumulation of intracellular Zn. Aquatic Toxicology, 2016, 178, 158-164.	1.9	78
9	Toxicity of Co nanoparticles on three species of marine microalgae. Environmental Pollution, 2018, 236, 454-461.	3.7	67
10	Preparation of soluble p-aminobenzoyl chitosan ester by Schiff's base and antibacterial activity of the derivatives. International Journal of Biological Macromolecules, 2011, 48, 523-529.	3.6	61
11	Nutrients structure changes impact the competition and succession between diatom and dinoflagellate in the East China Sea. Science of the Total Environment, 2017, 574, 499-508.	3.9	59
12	Size-dependent oxidative stress effect of nano/micro-scaled polystyrene on Karenia mikimotoi. Marine Pollution Bulletin, 2020, 154, 111074.	2.3	59
13	Synthesis and antimicrobial activity of Schiff base of chitosan and acylated chitosan. Journal of Applied Polymer Science, 2012, 123, 3242-3247.	1.3	43
14	Determination of diethylstilbestrol in seawater by molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. Marine Pollution Bulletin, 2016, 102, 142-147.	2.3	43
15	Determination of sulfadiazine in Jiaozhou Bay using molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography with a diode-array detector. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 957, 53-59.	1.2	39
16	Determination of ciprofloxacin in Jiaozhou Bay using molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography with fluorescence detection. Marine Pollution Bulletin, 2016, 111, 411-417.	2.3	39
17	Fast extraction of chloramphenicol from marine sediments by using magnetic molecularly imprinted nanoparticles. Mikrochimica Acta, 2019, 186, 428.	2.5	38
18	CdTe quantum dots coated with a molecularly imprinted polymer for fluorometric determination of norfloxacin in seawater. Mikrochimica Acta, 2019, 186, 362.	2.5	38

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19	Real-time and generic queue time estimation based on mobile crowdsensing. Frontiers of Computer Science, 2017, 11, 49-60.	1.6	34
20	The effects and mechanisms of polystyrene and polymethyl methacrylate with different sizes and concentrations on Gymnodinium aeruginosum. Environmental Pollution, 2021, 287, 117626.	3.7	33
21	Effects of an allelochemical in Phaeodactylum tricornutum filtrate on Heterosigma akashiwo: Morphological, physiological and growth effects. Chemosphere, 2017, 186, 527-534.	4.2	30
22	Determination of sulfadiazine in eggs using molecularly imprinted solidâ€phase extraction coupled with highâ€performance liquid chromatography. Journal of Separation Science, 2016, 39, 2204-2212.	1.3	27
23	Influence of nutrients pollution on the growth and organic matter output of Ulva prolifera in the southern Yellow Sea, China. Marine Pollution Bulletin, 2015, 95, 107-114.	2.3	26
24	Application of molecular imprinting polymer anchored on CdTe quantum dots for the detection of sulfadiazine in seawater. Marine Pollution Bulletin, 2019, 146, 591-597.	2.3	26
25	Multipoint recognition of domoic acid from seawater by dummy template molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. Journal of Chromatography A, 2017, 1500, 61-68.	1.8	25
26	Microencapsulation of norfloxacin in chitosan/chitosan oligosaccharides and its application in shrimp culture. International Journal of Biological Macromolecules, 2016, 92, 587-592.	3.6	24
27	The stresses of allelochemicals isolated from culture solution of diatom Phaeodactylum tricornutum Bohlin on growth and physiology of two marine algae. Aquatic Toxicology, 2018, 205, 51-57.	1.9	23
28	Selective detection of chloramphenicol based on molecularly imprinted solid-phase extraction in seawater from Jiaozhou Bay, China. Marine Pollution Bulletin, 2018, 133, 750-755.	2.3	20
29	Separation and detection of trace atrazine from seawater using dummy-template molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography. Marine Pollution Bulletin, 2019, 149, 110502.	2.3	19
30	Selective extraction and detection of norfloxacin from marine sediment and seawater samples using molecularly imprinted silica sorbents coupled with HPLC. Marine Pollution Bulletin, 2020, 150, 110677.	2.3	19
31	Review on molecular imprinting technology and its application in pre-treatment and detection of marine organic pollutants. Marine Pollution Bulletin, 2021, 169, 112541.	2.3	19
32	Selective extraction and concentration of mebendazole in seawater samples using molecularly imprinted polymer as sorbent. Marine Pollution Bulletin, 2015, 91, 96-101.	2.3	17
33	Microplastic-induced apoptosis and metabolism responses in marine Dinoflagellate, Karenia mikimotoi. Science of the Total Environment, 2022, 804, 150252.	3.9	17
34	New diagnostic ratios based on phenanthrenes and anthracenes for effective distinguishing heavy fuel oils from crude oils. Marine Pollution Bulletin, 2016, 106, 58-61.	2.3	15
35	Variation in allelopathy of extracellular compounds produced by Cylindrotheca closterium against the harmful-algal-bloom dinoflagellate Prorocentrum donghaiense. Marine Environmental Research, 2019, 148, 19-25.	1.1	15
36	QTime: A Queuing-Time Notification System Based on Participatory Sensing Data. , 2013, , .		14

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37	Determination of melamine in aquaculture feed samples based on molecularly imprinted solidâ€phase extraction. Journal of Separation Science, 2015, 38, 3655-3660.	1.3	13
38	Development of an impurityâ€profiling method for source identification of spilled benzene series compounds by gas chromatography with mass spectrometry: Toluene as a case study. Journal of Separation Science, 2015, 38, 3198-3204.	1.3	13
39	Preliminary analysis of allelochemicals produced by the diatom Phaeodactylum tricornutum. Chemosphere, 2016, 165, 298-303.	4.2	13
40	Effects of increasing nutrient disturbances on phytoplankton community structure and biodiversity in two tropical seas. Marine Pollution Bulletin, 2018, 135, 239-248.	2.3	13
41	Characterization of allelochemicals of the diatom Chaetoceros curvisetus and the effects on the growth of Skeletonema costatum. Science of the Total Environment, 2019, 660, 269-276.	3.9	13
42	Comparative Analyses of Chloroplast Genomes Provide Comprehensive Insights into the Adaptive Evolution of Paphiopedilum (Orchidaceae). Horticulturae, 2022, 8, 391.	1.2	13
43	Chemical Profiles and Identification of Key Compound Caffeine in Marine-Derived Traditional Chinese Medicine Ostreae concha. Marine Drugs, 2012, 10, 1180-1191.	2.2	12
44	Allelopathic interactions between Skeletonema costatum and Alexandrium minutum. Chemistry and Ecology, 2017, 33, 485-498.	0.6	12
45	Experimental and computational studies on molecularly imprinted solid-phase extraction for gonyautoxins 2,3 from dinoflagellate Alexandrium minutum. Analytical and Bioanalytical Chemistry, 2016, 408, 5527-5535.	1.9	11
46	Highly selective separation and detection of cyromazine from seawater using graphene oxide based molecularly imprinted solidâ€phase extraction. Journal of Separation Science, 2019, 42, 2100-2106.	1.3	11
47	Three-dimensional fluorescence characteristics of dissolved organic matter produced by Prorocentrum donghaiense Lu. Chinese Journal of Oceanology and Limnology, 2009, 27, 564-569.	0.7	10
48	Effect of allelopathy on the competition and succession ofSkeletonema costatumandProrocentrum donghaiense. Marine Biology Research, 2015, 11, 1093-1099.	0.3	10
49	Toxicity of Zinc Oxide Nanoparticles on Marine Microalgae Possessing Different Shapes and Surface Structures. Environmental Engineering Science, 2018, 35, 785-790.	0.8	10
50	Solid-phase extraction using a molecularly imprinted polymer for the selective purification and preconcentration of norfloxacin from seawater. Analytical Letters, 2019, 52, 2896-2913.	1.0	10
51	Isolation of anti-algal substances from Cylindrotheca closterium and their inhibition activity on bloom-forming Prorocentrum donghaiense. Ecotoxicology and Environmental Safety, 2020, 190, 110180.	2.9	10
52	Fluorescence assay of oxytetracycline in seawater after selective capture using magnetic molecularly imprinted nanoparticles. Marine Pollution Bulletin, 2021, 163, 111962.	2.3	10
53	Alone and combined toxicity of ZnO nanoparticles and graphene quantum dots on microalgae Gymnodinium. Environmental Science and Pollution Research, 2022, 29, 47310-47322.	2.7	10
54	The inhibitory degree between Skeletonema costatum and dinoflagllate Prorocentrum donghaiense at different concentrations of phosphate and nitrate/phosphate ratios. Journal of Ocean University of China, 2012, 11, 153-158.	0.6	9

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55	Selective isolation of gonyautoxins 1,4 from the dinoflagellate Alexandrium minutum based on molecularly imprinted solid-phase extraction. Marine Pollution Bulletin, 2017, 122, 500-504.	2.3	9
56	Toxicity assessments of acrylamide in aquatic environment using two algae Nitzschia closterium and Scenedesmus quadricauda. Environmental Science and Pollution Research, 2020, 27, 20545-20553.	2.7	9
57	A comparative study of the sensitivity of F v/F m to phosphorus limitation on four marine algae. Journal of Ocean University of China, 2013, 12, 77-84.	0.6	8
58	GP-selector: a generic participant selection framework for mobile crowdsourcing systems. World Wide Web, 2018, 21, 759-782.	2.7	8
59	The effects of copper ions and copper nanomaterials on the output of amino acids from marine microalgae. Environmental Science and Pollution Research, 2022, 29, 9780-9791.	2.7	8
60	The allelopathy and underlying mechanism of Skeletonema costatum on Karenia mikimotoi integrating transcriptomics profiling. Aquatic Toxicology, 2022, 242, 106042.	1.9	8
61	Graphene Oxide Molecularly Imprinted Polymers as Novel Adsorbents for Solid-Phase Microextraction for Selective Determination of Norfloxacin in the Marine Environment. Polymers, 2022, 14, 1839.	2.0	8
62	Novel electrochemical sensor modified with molecularly imprinted polymers for determination of enrofloxacin in marine environment. Mikrochimica Acta, 2022, 189, 95.	2.5	7
63	Dummy Fragment Template Molecularly Imprinted Polymers for the Selective Solid-phase Extraction of Gonyautoxins from Seawater. Analytical Letters, 2017, 50, 1877-1886.	1.0	6
64	Competitive interactions between two allelopathic algal species: Heterosigma akashiwo and Phaeodactylum tricornutum. Marine Biology Research, 2020, 16, 32-43.	0.3	6
65	Selective separation and purification of Î²â€estradiol from marine sediment using an optimized coreâ€“shell molecularly imprinted polymer. Journal of Separation Science, 2018, 41, 3848-3854.	1.3	5
66	Responses of maximum photosystem II photochemical efficiency of phytoplankton communities to nutrient limitation in the coastal sea of Qingdao, China. Journal of Ocean University of China, 2014, 13, 83-90.	0.6	4
67	Assessing Mental Stress Based on Smartphone Sensing Data: An Empirical Study. , 2019, , .		4
68	Molecularly imprinted polymers for selective extraction of crystal violet from natural seawater coupled with high-performance liquid chromatographic determination. Journal of Ocean University of China, 2014, 13, 236-242.	0.6	3
69	Response of phytoplankton community structure and size-fractionated Chlorophyll a in an upwelling simulation experiment in the western South China Sea. Journal of Ocean University of China, 2016, 15, 835-840.	0.6	2
70	Variation of bacteria biomass and its possible controlling factors in the East China Sea. Journal of Ocean University of China, 2011, 10, 135-141.	0.6	1
71	Establishment and application of an intelligent treating method for oil spill identification. Acta Oceanologica Sinica, 2018, 37, 116-122.	0.4	1
72	Nighttime peroxy radicals chemistry at Rishiri Island during the campaign RISFEX 2003. Science China Chemistry, 2012, 55, 2450-2461.	4.2	0

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73	The inhibitory degree between Skeletonema costatum and dinoflagllate Prorocentrum donghaiense at different concentrations of phosphate and nitrate/phosphate ratios. Journal of Ocean University of China, 2012, , 1.	0.6	0
74	Interaction between the green macroalga Ulva prolifera and three microalgae under unique various irradiances found in the southern Yellow Sea, China. Journal of Applied Phycology, 2020, 32, 3509-3520.	1.5	0