

Xue Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

1,495
citations

20
h-index

37
g-index

75
ext. papers

1,964
ext. citations

5
avg, IF

5.31
L-index

#	Paper	IF	Citations
73	Novel electrochemical sensor modified with molecularly imprinted polymers for determination of enrofloxacin in marine environment.. <i>Mikrochimica Acta</i> , 2022 , 189, 95	5.8	0
72	Microplastic-induced apoptosis and metabolism responses in marine Dinoflagellate, <i>Karenia mikimotoi</i> . <i>Science of the Total Environment</i> , 2022 , 804, 150252	10.2	6
71	Alone and combined toxicity of ZnO nanoparticles and graphene quantum dots on microalgae <i>Gymnodinium</i> .. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
70	Comparative Analyses of Chloroplast Genomes Provide Comprehensive Insights into the Adaptive Evolution of <i>Paphiopedilum</i> (Orchidaceae). <i>Horticulturae</i> , 2022 , 8, 391	2.5	0
69	The allelopathy and underlying mechanism of <i>Skeletonema costatum</i> on <i>Karenia mikimotoi</i> integrating transcriptomics profiling. <i>Aquatic Toxicology</i> , 2021 , 242, 106042	5.1	0
68	Fluorescence assay of oxytetracycline in seawater after selective capture using magnetic molecularly imprinted nanoparticles. <i>Marine Pollution Bulletin</i> , 2021 , 163, 111962	6.7	3
67	Review on molecular imprinting technology and its application in pre-treatment and detection of marine organic pollutants. <i>Marine Pollution Bulletin</i> , 2021 , 169, 112541	6.7	5
66	The effects of copper ions and copper nanomaterials on the output of amino acids from marine microalgae. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
65	The effects and mechanisms of polystyrene and polymethyl methacrylate with different sizes and concentrations on <i>Gymnodinium aeruginosum</i> . <i>Environmental Pollution</i> , 2021 , 287, 117626	9.3	4
64	Growth inhibition of the microalgae <i>Skeletonema costatum</i> under copper nanoparticles with microplastic exposure. <i>Marine Environmental Research</i> , 2020 , 158, 105005	3.3	40
63	Interaction between the green macroalga <i>Ulva prolifera</i> and three microalgae under unique various irradiances found in the southern Yellow Sea, China. <i>Journal of Applied Phycology</i> , 2020 , 32, 3509-3520	3.2	
62	Size-dependent oxidative stress effect of nano/micro-scaled polystyrene on <i>Karenia mikimotoi</i> . <i>Marine Pollution Bulletin</i> , 2020 , 154, 111074	6.7	26
61	Toxicity assessments of acrylamide in aquatic environment using two algae <i>Nitzschia closterium</i> and <i>Scenedesmus quadricauda</i> . <i>Environmental Science and Pollution Research</i> , 2020 , 27, 20545-20553	5.1	2
60	Isolation of anti-algal substances from <i>Cylindrotheca closterium</i> and their inhibition activity on bloom-forming <i>Prorocentrum donghaiense</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110180	7	5
59	Selective extraction and detection of norfloxacin from marine sediment and seawater samples using molecularly imprinted silica sorbents coupled with HPLC. <i>Marine Pollution Bulletin</i> , 2020 , 150, 110677	6.7	6
58	Competitive interactions between two allelopathic algal species: <i>Heterosigma akashiwo</i> and <i>Phaeodactylum tricorutum</i> . <i>Marine Biology Research</i> , 2020 , 16, 32-43	1	4
57	Separation and detection of trace atrazine from seawater using dummy-template molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110502	6.7	11

56	Solid-phase extraction using a molecularly imprinted polymer for the selective purification and preconcentration of norfloxacin from seawater. <i>Analytical Letters</i> , 2019 , 52, 2896-2913	2.2	6
55	Fast extraction of chloramphenicol from marine sediments by using magnetic molecularly imprinted nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 428	5.8	24
54	CdTe quantum dots coated with a molecularly imprinted polymer for fluorometric determination of norfloxacin in seawater. <i>Mikrochimica Acta</i> , 2019 , 186, 362	5.8	20
53	Variation in allelopathy of extracellular compounds produced by <i>Cylindrotheca closterium</i> against the harmful-algal-bloom dinoflagellate <i>Prorocentrum donghaiense</i> . <i>Marine Environmental Research</i> , 2019 , 148, 19-25	3.3	10
52	Highly selective separation and detection of cyromazine from seawater using graphene oxide based molecularly imprinted solid-phase extraction. <i>Journal of Separation Science</i> , 2019 , 42, 2100-2106	3.4	8
51	The interactions between micro polyvinyl chloride (mPVC) and marine dinoflagellate <i>Karenia mikimotoi</i> : The inhibition of growth, chlorophyll and photosynthetic efficiency. <i>Environmental Pollution</i> , 2019 , 247, 883-889	9.3	51
50	Application of molecular imprinting polymer anchored on CdTe quantum dots for the detection of sulfadiazine in seawater. <i>Marine Pollution Bulletin</i> , 2019 , 146, 591-597	6.7	13
49	Assessing Mental Stress Based on Smartphone Sensing Data: An Empirical Study 2019 ,		4
48	Characterization of allelochemicals of the diatom <i>Chaetoceros curvisetus</i> and the effects on the growth of <i>Skeletonema costatum</i> . <i>Science of the Total Environment</i> , 2019 , 660, 269-276	10.2	8
47	Multi-Task Allocation in Mobile Crowd Sensing with Individual Task Quality Assurance. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2101-2113	4.6	89
46	Toxicity of Zinc Oxide Nanoparticles on Marine Microalgae Possessing Different Shapes and Surface Structures. <i>Environmental Engineering Science</i> , 2018 , 35, 785-790	2	6
45	Toxicity of Co nanoparticles on three species of marine microalgae. <i>Environmental Pollution</i> , 2018 , 236, 454-461	9.3	36
44	Effects of increasing nutrient disturbances on phytoplankton community structure and biodiversity in two tropical seas. <i>Marine Pollution Bulletin</i> , 2018 , 135, 239-248	6.7	9
43	Task Allocation in Mobile Crowd Sensing: State-of-the-Art and Future Opportunities. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3747-3757	10.7	66
42	GP-selector: a generic participant selection framework for mobile crowdsourcing systems. <i>World Wide Web</i> , 2018 , 21, 759-782	2.9	5
41	Establishment and application of an intelligent treating method for oil spill identification. <i>Acta Oceanologica Sinica</i> , 2018 , 37, 116-122	1	1
40	The stresses of allelochemicals isolated from culture solution of diatom <i>Phaeodactylum tricornutum</i> Bohlin on growth and physiology of two marine algae. <i>Aquatic Toxicology</i> , 2018 , 205, 51-57	5.1	16
39	Selective separation and purification of Estradiol from marine sediment using an optimized core-shell molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2018 , 41, 3848-3854	3.4	3

38	Selective detection of chloramphenicol based on molecularly imprinted solid-phase extraction in seawater from Jiaozhou Bay, China. <i>Marine Pollution Bulletin</i> , 2018 , 133, 750-755	6.7	15
37	Multipoint recognition of domoic acid from seawater by dummy template molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017 , 1500, 61-68	4.5	17
36	Allelopathic interactions between <i>Skeletonema costatum</i> and <i>Alexandrium minutum</i> . <i>Chemistry and Ecology</i> , 2017 , 33, 485-498	2.3	10
35	Real-time and generic queue time estimation based on mobile crowdsensing. <i>Frontiers of Computer Science</i> , 2017 , 11, 49-60	2.2	25
34	Effects of an allelochemical in <i>Phaeodactylum tricornutum</i> filtrate on <i>Heterosigma akashiwo</i> : Morphological, physiological and growth effects. <i>Chemosphere</i> , 2017 , 186, 527-534	8.4	19
33	Dummy Fragment Template Molecularly Imprinted Polymers for the Selective Solid-phase Extraction of Gonyautoxins from Seawater. <i>Analytical Letters</i> , 2017 , 50, 1877-1886	2.2	5
32	Selective isolation of gonyautoxins 1,4 from the dinoflagellate <i>Alexandrium minutum</i> based on molecularly imprinted solid-phase extraction. <i>Marine Pollution Bulletin</i> , 2017 , 122, 500-504	6.7	5
31	Nutrients structure changes impact the competition and succession between diatom and dinoflagellate in the East China Sea. <i>Science of the Total Environment</i> , 2017 , 574, 499-508	10.2	39
30	Toxic effects of microplastic on marine microalgae <i>Skeletonema costatum</i> : Interactions between microplastic and algae. <i>Environmental Pollution</i> , 2017 , 220, 1282-1288	9.3	334
29	Microencapsulation of norfloxacin in chitosan/chitosan oligosaccharides and its application in shrimp culture. <i>International Journal of Biological Macromolecules</i> , 2016 , 92, 587-592	7.9	18
28	Experimental and computational studies on molecularly imprinted solid-phase extraction for gonyautoxins 2,3 from dinoflagellate <i>Alexandrium minutum</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 5527-35	4.4	7
27	Determination of diethylstilbestrol in seawater by molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. <i>Marine Pollution Bulletin</i> , 2016 , 102, 142-7	6.7	36
26	Determination of sulfadiazine in eggs using molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2016 , 39, 2204-12	3.4	24
25	New diagnostic ratios based on phenanthrenes and anthracenes for effective distinguishing heavy fuel oils from crude oils. <i>Marine Pollution Bulletin</i> , 2016 , 106, 58-61	6.7	5
24	Preliminary analysis of allelochemicals produced by the diatom <i>Phaeodactylum tricornutum</i> . <i>Chemosphere</i> , 2016 , 165, 298-303	8.4	11
23	Response of phytoplankton community structure and size-fractionated Chlorophyll a in an upwelling simulation experiment in the western South China Sea. <i>Journal of Ocean University of China</i> , 2016 , 15, 835-840	1	2
22	Toxic effects of nano-ZnO on marine microalgae <i>Skeletonema costatum</i> : Attention to the accumulation of intracellular Zn. <i>Aquatic Toxicology</i> , 2016 , 178, 158-64	5.1	59
21	Determination of ciprofloxacin in Jiaozhou Bay using molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography with fluorescence detection. <i>Marine Pollution Bulletin</i> , 2016 , 111, 411-417	6.7	30

20	Determination of melamine in aquaculture feed samples based on molecularly imprinted solid-phase extraction. <i>Journal of Separation Science</i> , 2015 , 38, 3655-60	3.4	10
19	Development of an impurity-profiling method for source identification of spilled benzene series compounds by gas chromatography with mass spectrometry: Toluene as a case study. <i>Journal of Separation Science</i> , 2015 , 38, 3198-3204	3.4	10
18	Influence of nutrients pollution on the growth and organic matter output of <i>Ulva prolifera</i> in the southern Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2015 , 95, 107-14	6.7	22
17	Effect of allelopathy on the competition and succession of <i>Skeletonema costatum</i> and <i>Prorocentrum donghaiense</i> . <i>Marine Biology Research</i> , 2015 , 11, 1093-1099	1	7
16	Selective extraction and concentration of mebendazole in seawater samples using molecularly imprinted polymer as sorbent. <i>Marine Pollution Bulletin</i> , 2015 , 91, 96-101	6.7	12
15	Molecularly imprinted polymers for selective extraction of crystal violet from natural seawater coupled with high-performance liquid chromatographic determination. <i>Journal of Ocean University of China</i> , 2014 , 13, 236-242	1	3
14	Responses of maximum photosystem II photochemical efficiency of phytoplankton communities to nutrient limitation in the coastal sea of Qingdao, China. <i>Journal of Ocean University of China</i> , 2014 , 13, 83-90	1	2
13	Determination of sulfadiazine in Jiaozhou Bay using molecularly imprinted solid-phase extraction followed by high-performance liquid chromatography with a diode-array detector. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 957, 53-9	3.2	31
12	A comparative study of the sensitivity of F v/F m to phosphorus limitation on four marine algae. <i>Journal of Ocean University of China</i> , 2013 , 12, 77-84	1	5
11	QTime: A Queuing-Time Notification System Based on Participatory Sensing Data 2013 ,		8
10	Synthesis and antimicrobial activity of Schiff base of chitosan and acylated chitosan. <i>Journal of Applied Polymer Science</i> , 2012 , 123, 3242-3247	2.9	36
9	Nighttime peroxy radicals chemistry at Rishiri Island during the campaign RISEX 2003. <i>Science China Chemistry</i> , 2012 , 55, 2450-2461	7.9	
8	The inhibitory degree between <i>Skeletonema costatum</i> and dinoflagellate <i>Prorocentrum donghaiense</i> at different concentrations of phosphate and nitrate/phosphate ratios. <i>Journal of Ocean University of China</i> , 2012 , 1	1	
7	Chemical profiles and identification of key compound caffeine in marine-derived traditional Chinese medicine <i>Ostrea concha</i> . <i>Marine Drugs</i> , 2012 , 10, 1180-91	6	11
6	The inhibitory degree between <i>Skeletonema costatum</i> and dinoflagellate <i>Prorocentrum donghaiense</i> at different concentrations of phosphate and nitrate/phosphate ratios. <i>Journal of Ocean University of China</i> , 2012 , 11, 153-158	1	7
5	Preparation of soluble p-aminobenzoyl chitosan ester by Schiff's base and antibacterial activity of the derivatives. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 523-9	7.9	53
4	Variation of bacteria biomass and its possible controlling factors in the East China Sea. <i>Journal of Ocean University of China</i> , 2011 , 10, 135-141	1	1
3	Studies on the sorption of tetracycline onto clays and marine sediment from seawater. <i>Journal of Colloid and Interface Science</i> , 2010 , 349, 578-82	9.3	66

- 2 Distribution of nutrients and eutrophication assessment in the Bohai Sea of China. *Chinese Journal of Oceanology and Limnology*, **2009**, 27, 177-183 55
- 1 Three-dimensional fluorescence characteristics of dissolved organic matter produced by *Prorocentrum donghaiense* Lu. *Chinese Journal of Oceanology and Limnology*, **2009**, 27, 564-569 8