

# Xue Yang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5555911/xue-yang-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Toxic effects of microplastic on marine microalgae <i>Skeletonema costatum</i> : Interactions between microplastic and algae. <i>Environmental Pollution</i> , <b>2017</b> , 220, 1282-1288	9.3	334
72	Multi-Task Allocation in Mobile Crowd Sensing with Individual Task Quality Assurance. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 2101-2113	4.6	89
71	Task Allocation in Mobile Crowd Sensing: State-of-the-Art and Future Opportunities. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 3747-3757	10.7	66
70	Studies on the sorption of tetracycline onto clays and marine sediment from seawater. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 349, 578-82	9.3	66
69	Toxic effects of nano-ZnO on marine microalgae <i>Skeletonema costatum</i> : Attention to the accumulation of intracellular Zn. <i>Aquatic Toxicology</i> , <b>2016</b> , 178, 158-64	5.1	59
68	Distribution of nutrients and eutrophication assessment in the Bohai Sea of China. <i>Chinese Journal of Oceanology and Limnology</i> , <b>2009</b> , 27, 177-183		55
67	Preparation of soluble p-aminobenzoyl chitosan ester by Schiff's base and antibacterial activity of the derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2011</b> , 48, 523-9	7.9	53
66	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> , <b>2019</b> , 247, 883-889	9.3	51
65	Growth inhibition of the microalgae <i>Skeletonema costatum</i> under copper nanoparticles with microplastic exposure. <i>Marine Environmental Research</i> , <b>2020</b> , 158, 105005	3.3	40
64	Nutrients structure changes impact the competition and succession between diatom and dinoflagellate in the East China Sea. <i>Science of the Total Environment</i> , <b>2017</b> , 574, 499-508	10.2	39
63	Toxicity of Co nanoparticles on three species of marine microalgae. <i>Environmental Pollution</i> , <b>2018</b> , 236, 454-461	9.3	36
62	Determination of diethylstilbestrol in seawater by molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 102, 142-7	6.7	36
61	Synthesis and antimicrobial activity of Schiff base of chitosan and acylated chitosan. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 3242-3247	2.9	36
60	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> , <b>2014</b> , 957, 53-9	3.2	31
59	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> , <b>2016</b> , 111, 411-417	6.7	30
58	Size-dependent oxidative stress effect of nano/micro-scaled polystyrene on <i>Karenia mikimotoi</i> . <i>Marine Pollution Bulletin</i> , <b>2020</b> , 154, 111074	6.7	26
57	Real-time and generic queue time estimation based on mobile crowdsensing. <i>Frontiers of Computer Science</i> , <b>2017</b> , 11, 49-60	2.2	25

56	Fast extraction of chloramphenicol from marine sediments by using magnetic molecularly imprinted nanoparticles. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 428	5.8	24
55	Determination of sulfadiazine in eggs using molecularly imprinted solid-phase extraction coupled with high-performance liquid chromatography. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 2204-12	3.4	24
54	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> , <b>2015</b> , 95, 107-14	6.7	22
53	CdTe quantum dots coated with a molecularly imprinted polymer for fluorometric determination of norfloxacin in seawater. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 362	5.8	20
52	Effects of an allelochemical in <i>Phaeodactylum tricornutum</i> filtrate on <i>Heterosigma akashiwo</i> : Morphological, physiological and growth effects. <i>Chemosphere</i> , <b>2017</b> , 186, 527-534	8.4	19
51	Microencapsulation of norfloxacin in chitosan/chitosan oligosaccharides and its application in shrimp culture. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 92, 587-592	7.9	18
50	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> , <b>2017</b> , 1500, 61-68	4.5	17
49	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> , <b>2018</b> , 205, 51-57	5.1	16
48	Selective detection of chloramphenicol based on molecularly imprinted solid-phase extraction in seawater from Jiaozhou Bay, China. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 133, 750-755	6.7	15
47	Application of molecular imprinting polymer anchored on CdTe quantum dots for the detection of sulfadiazine in seawater. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 146, 591-597	6.7	13
46	Selective extraction and concentration of mebendazole in seawater samples using molecularly imprinted polymer as sorbent. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 91, 96-101	6.7	12
45	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> , <b>2019</b> , 149, 110502	6.7	11
44	Chemical profiles and identification of key compound caffeine in marine-derived traditional Chinese medicine <i>Ostreae concha</i> . <i>Marine Drugs</i> , <b>2012</b> , 10, 1180-91	6	11
43	Preliminary analysis of allelochemicals produced by the diatom <i>Phaeodactylum tricornutum</i> . <i>Chemosphere</i> , <b>2016</b> , 165, 298-303	8.4	11
42	Allelopathic interactions between <i>Skeletonema costatum</i> and <i>Alexandrium minutum</i> . <i>Chemistry and Ecology</i> , <b>2017</b> , 33, 485-498	2.3	10
41	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> , <b>2019</b> , 148, 19-25	3.3	10
40	Determination of melamine in aquaculture feed samples based on molecularly imprinted solid-phase extraction. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 3655-60	3.4	10
39	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> , <b>2015</b> , 38, 3198-3204	3.4	10

38	Effects of increasing nutrient disturbances on phytoplankton community structure and biodiversity in two tropical seas. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 135, 239-248	6.7	9
37	Highly selective separation and detection of cyromazine from seawater using graphene oxide based molecularly imprinted solid-phase extraction. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 2100-2106	3.4	8
36	QTime: A Queuing-Time Notification System Based on Participatory Sensing Data <b>2013</b> ,		8
35	Three-dimensional fluorescence characteristics of dissolved organic matter produced by <i>Prorocentrum donghaiense</i> Lu. <i>Chinese Journal of Oceanology and Limnology</i> , <b>2009</b> , 27, 564-569		8
34	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> , <b>2019</b> , 660, 269-276	10.2	8
33	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> , <b>2016</b> , 408, 5527-35	4.4	7
32	Effect of allelopathy on the competition and succession of <i>Skeletonema costatum</i> and <i>Prorocentrum donghaiense</i> . <i>Marine Biology Research</i> , <b>2015</b> , 11, 1093-1099	1	7
31	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> , <b>2012</b> , 11, 153-158	1	7
30	Solid-phase extraction using a molecularly imprinted polymer for the selective purification and preconcentration of norfloxacin from seawater. <i>Analytical Letters</i> , <b>2019</b> , 52, 2896-2913	2.2	6
29	Toxicity of Zinc Oxide Nanoparticles on Marine Microalgae Possessing Different Shapes and Surface Structures. <i>Environmental Engineering Science</i> , <b>2018</b> , 35, 785-790	2	6
28	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> , <b>2020</b> , 150, 110677	6.7	6
27	Microplastic-induced apoptosis and metabolism responses in marine Dinoflagellate, <i>Karenia mikimotoi</i> . <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150252	10.2	6
26	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> , <b>2020</b> , 190, 110180	7	5
25	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> , <b>2013</b> , 12, 77-84	1	5
24	Dummy Fragment Template Molecularly Imprinted Polymers for the Selective Solid-phase Extraction of Gonyautoxins from Seawater. <i>Analytical Letters</i> , <b>2017</b> , 50, 1877-1886	2.2	5
23	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> , <b>2017</b> , 122, 500-504	6.7	5
22	New diagnostic ratios based on phenanthrenes and anthracenes for effective distinguishing heavy fuel oils from crude oils. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 106, 58-61	6.7	5
21	GP-selector: a generic participant selection framework for mobile crowdsourcing systems. <i>World Wide Web</i> , <b>2018</b> , 21, 759-782	2.9	5

20	Review on molecular imprinting technology and its application in pre-treatment and detection of marine organic pollutants. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 169, 112541	6.7	5
19	Competitive interactions between two allelopathic algal species: <i>Heterosigma akashiwo</i> and <i>Phaeodactylum tricornutum</i> . <i>Marine Biology Research</i> , <b>2020</b> , 16, 32-43	1	4
18	Assessing Mental Stress Based on Smartphone Sensing Data: An Empirical Study <b>2019</b> ,		4
17	The effects and mechanisms of polystyrene and polymethyl methacrylate with different sizes and concentrations on <i>Gymnodinium aeruginosum</i> . <i>Environmental Pollution</i> , <b>2021</b> , 287, 117626	9.3	4
16	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> , <b>2014</b> , 13, 236-242	1	3
15	Fluorescence assay of oxytetracycline in seawater after selective capture using magnetic molecularly imprinted nanoparticles. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 163, 111962	6.7	3
14	Selective separation and purification of Estradiol from marine sediment using an optimized core-shell molecularly imprinted polymer. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 3848-3854	3.4	3
13	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> , <b>2020</b> , 27, 20545-20553	5.1	2
12	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> , <b>2014</b> , 13, 83-90	1	2
11	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> , <b>2016</b> , 15, 835-840	1	2
10	Variation of bacteria biomass and its possible controlling factors in the East China Sea. <i>Journal of Ocean University of China</i> , <b>2011</b> , 10, 135-141	1	1
9	Establishment and application of an intelligent treating method for oil spill identification. <i>Acta Oceanologica Sinica</i> , <b>2018</b> , 37, 116-122	1	1
8	Novel electrochemical sensor modified with molecularly imprinted polymers for determination of enrofloxacin in marine environment.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 95	5.8	0
7	The allelopathy and underlying mechanism of <i>Skeletonema costatum</i> on <i>Karenia mikimotoi</i> integrating transcriptomics profiling. <i>Aquatic Toxicology</i> , <b>2021</b> , 242, 106042	5.1	0
6	The effects of copper ions and copper nanomaterials on the output of amino acids from marine microalgae. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	0
5	Alone and combined toxicity of ZnO nanoparticles and graphene quantum dots on microalgae <i>Gymnodinium</i> .. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
4	Comparative Analyses of Chloroplast Genomes Provide Comprehensive Insights into the Adaptive Evolution of <i>Paphiopedilum</i> (Orchidaceae). <i>Horticulturae</i> , <b>2022</b> , 8, 391	2.5	0
3	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> , <b>2020</b> , 32, 3509-3520	3.2	

- 2 Nighttime peroxy radicals chemistry at Rishiri Island during the campaign RISEX 2003. *Science China Chemistry*, **2012**, 55, 2450-2461 7.9
- 1 The inhibitory degree between *Skeletonema costatum* and dinoflagellate *Prorocentrum donghaiense* at different concentrations of phosphate and nitrate/phosphate ratios. *Journal of Ocean University of China*, **2012**, 1 1