

# Xuming Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/436881/publications.pdf>

Version: 2024-02-01

19  
papers

535  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speciation of heavy metals in different grain sizes of Jiaozhou Bay sediments: Bioavailability, ecological risk assessment and source analysis on a centennial timescale. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 296-306.	6.0	106
2	Fluxes, seasonal patterns and sources of various nutrient species (nitrogen, phosphorus and silicon) in atmospheric wet deposition and their ecological effects on Jiaozhou Bay, North China. <i>Science of the Total Environment</i> , 2017, 576, 617-627.	8.0	83
3	Chemical characteristics, deposition fluxes and source apportionment of precipitation components in the Jiaozhou Bay, North China. <i>Atmospheric Research</i> , 2017, 190, 10-20.	4.1	54
4	Phosphorus speciation and its bioavailability in sediments of the Jiaozhou Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 188, 127-136.	2.1	44
5	Heavy metals in surface sediments along the Weihai coast, China: Distribution, sources and contamination assessment. <i>Marine Pollution Bulletin</i> , 2017, 115, 551-558.	5.0	43
6	Dynamics and diagenesis of trace metals in sediments of the Changjiang Estuary. <i>Science of the Total Environment</i> , 2019, 675, 247-259.	8.0	29
7	The sources and composition of organic matter in sediments of the Jiaozhou Bay: implications for environmental changes on a centennial time scale. <i>Acta Oceanologica Sinica</i> , 2017, 36, 68-78.	1.0	22
8	Historical trends of anthropogenic metals in sediments of Jiaozhou Bay over the last century. <i>Marine Pollution Bulletin</i> , 2018, 135, 176-182.	5.0	21
9	Identification of the geographical origins of sea cucumbers in China: The application of stable isotope ratios and compositions of C, N, O and H. <i>Food Control</i> , 2020, 111, 107036.	5.5	20
10	Elemental analysis of sea cucumber from five major production sites in China: A chemometric approach. <i>Food Control</i> , 2018, 94, 361-367.	5.5	19
11	Cumulative impact of long-term intensive mariculture on total and active bacterial communities in the core sediments of the Ailian Bay, North China. <i>Science of the Total Environment</i> , 2019, 691, 1212-1224.	8.0	19
12	Rapid identification of geographical origin of sea cucumbers <i>Apostichopus japonicus</i> using FT-NIR coupled with light gradient boosting machine. <i>Food Control</i> , 2021, 124, 107883.	5.5	15
13	Reduced inorganic sulfur in the sediments of the Yellow Sea and East China Sea. <i>Acta Oceanologica Sinica</i> , 2014, 33, 100-108.	1.0	12
14	Bioaccumulation and biotransformation of inorganic arsenic in zhikong scallop ( <i>Chlamys farreri</i> ) after waterborne exposure. <i>Chemosphere</i> , 2021, 277, 130270.	8.2	11
15	Geographical traceability of sea cucumbers in China via chemometric analysis of stable isotopes and multi-elements. <i>Journal of Food Composition and Analysis</i> , 2021, 99, 103852.	3.9	9
16	An explainable machine learning model for identifying geographical origins of sea cucumber <i>Apostichopus japonicus</i> based on multi-element profile. <i>Food Control</i> , 2022, 134, 108753.	5.5	9
17	Hyperaccumulation of cadmium by scallop <i>Chlamys farreri</i> revealed by comparative transcriptome analysis. <i>BioMetals</i> , 2020, 33, 397-413.	4.1	7
18	Study of Cd Content Distribution and Its Bioaccessibility in Edible Tissues of Crab <i>Portunus trituberculatus</i> from the Coastal Area of Shandong, China. <i>Biological Trace Element Research</i> , 2020, 197, 294-303.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Evaluation of multivariate data analysis for marine mussels <i>Mytilus edulis</i> authentication in China: Based on stable isotope ratio and compositions of C, N, O and H. <i>Journal of Food Composition and Analysis</i> , 2022, 111, 104627.	3.9	6