

Guanglong Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	SSThe coexistence and diversity of <i>Candidatus methylomirabilis oxyfera</i> -like and anammox bacteria in sediments of an urban eutrophic lake. <i>International Microbiology</i> , 2022, 25, 457-469.	2.4	3
2	Nanoscale Zero-Valent Iron Confined in Anion Exchange Resins to Enhance Selective Adsorption of Phosphate from Wastewater. <i>ACS ES&T Engineering</i> , 2022, 2, 1454-1464.	7.6	15
3	Effects of illumination on nirS denitrifying and anammox bacteria in the rhizosphere of submerged macrophytes. <i>Science of the Total Environment</i> , 2021, 760, 143420.	8.0	9
4	Transcriptomic profiling of atrazine phytotoxicity and comparative study of atrazine uptake, movement, and metabolism in <i>Potamogeton crispus</i> and <i>Myriophyllum spicatum</i> . <i>Environmental Research</i> , 2021, 194, 110724.	7.5	8
5	Photo-induced phosphate release during sediment resuspension in shallow lakes: A potential positive feedback mechanism of eutrophication. <i>Environmental Pollution</i> , 2020, 258, 113679.	7.5	32
6	Removal of inorganic and organic phosphorus compounds from aqueous solution by ferrihydrite decoration onto graphene. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 410.	2.7	9
7	Effects of <i>Potamogeton crispus</i> decline in the rhizosphere on the abundance of anammox bacteria and nirS denitrifying bacteria. <i>Environmental Pollution</i> , 2020, 260, 114018.	7.5	17
8	The diversity of comammox bacteria and the effect of sewage discharge on their abundance in eutrophic lake sediments. <i>Journal of Soils and Sediments</i> , 2020, 20, 2495-2503.	3.0	18
9	Distribution of organic phosphorus species in sediment profiles of shallow lakes and its effect on photo-release of phosphate during sediment resuspension. <i>Environment International</i> , 2019, 130, 104916.	10.0	55
10	Diversity of anammox bacteria and abundance of functional genes for nitrogen cycling in the rhizosphere of submerged macrophytes in a freshwater lake in summer. <i>Journal of Soils and Sediments</i> , 2019, 19, 3648-3656.	3.0	17
11	Fe(III)-oxalate complex mediated phosphate released from diazinon photodegradation: Pathway signatures based on oxygen isotopes. <i>Journal of Hazardous Materials</i> , 2018, 358, 319-326.	12.4	22
12	Microbial community of nitrogen cycle-related genes in aquatic plant rhizospheres of Lake Liangzi in winter. <i>Journal of Basic Microbiology</i> , 2018, 58, 998-1006.	3.3	16
13	Diversity of NC10 bacteria associated with sediments of submerged <i>Potamogeton crispus</i> (Alismatales: Potamogetonaceae). <i>PeerJ</i> , 2018, 6, e6041.	2.0	8
14	Mechanisms of the photochemical release of phosphate from resuspended sediments under solar irradiation. <i>Science of the Total Environment</i> , 2017, 595, 779-786.	8.0	22
15	Distribution of atrazine and its phytoremediation by submerged macrophytes in lake sediments. <i>Chemosphere</i> , 2017, 168, 1515-1522.	8.2	61
16	Occurrence and characterization of CaCO ₃ -P coprecipitation on the leaf surface of <i>Potamogeton crispus</i> in water. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23308-23315.	5.3	6
17	Enhanced Photocatalytic Degradation of Methyl Orange Dye under the Daylight Irradiation over CN-TiO ₂ Modified with OMS-2. <i>Materials</i> , 2014, 7, 8024-8036.	2.9	18
18	Anion-Doped TiO ₂ Nanocatalysts for Water Purification under Visible Light. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13957-13964.	3.7	79

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19	EFFECT OF BORON-DOPED GOETHITE ON SOIL ACIDITY, DIFFERENT FORMS OF MANGANESE IN RED SOIL AND THE GROWTH OF RAPE (BRASSICA NAPUS L.) SEEDLINGS. <i>Journal of Plant Nutrition</i> , 2012, 35, 1923-1936.	1.9	0
20	Synthesis, characterization and photocatalytic evaluation of visible light activated C-doped TiO ₂ nanoparticles. <i>Nanotechnology</i> , 2012, 23, 294003.	2.6	130
21	Photocatalytic degradation of aniline with boron-doped cryptomelane type manganese oxide. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 102, 303-311.	1.7	3
22	Characterization and properties of boron-doped aluminum hydroxide for Mn ²⁺ adsorption and soil acidification. <i>Environmental Earth Sciences</i> , 2011, 62, 1047-1054.	2.7	6
23	Response of Soil and Plant to Boron-Doped Aluminum Hydroxide. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 768-777.	1.4	2