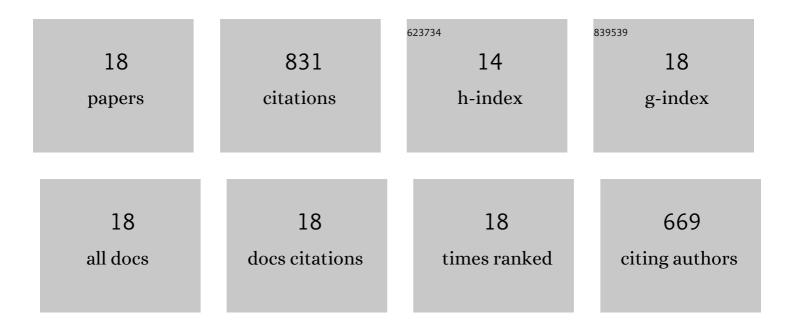
Shu Liu

List of Publications by Year in descending order

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Shulu

#	Article	IF	CITATIONS
1	Identification of ROS Produced by Nanobubbles and Their Positive and Negative Effects on Vegetable Seed Germination. Langmuir, 2016, 32, 11295-11302.	3.5	152
2	Effects of nanobubbles on the physicochemical properties of water: The basis for peculiar properties of water containing nanobubbles. Chemical Engineering Science, 2013, 93, 250-256.	3.8	146
3	Oxidative Capacity of Nanobubbles and Its Effect on Seed Germination. ACS Sustainable Chemistry and Engineering, 2016, 4, 1347-1353.	6.7	124
4	Effect of micro-bubbles on coagulation flotation process of dyeing wastewater. Separation and Purification Technology, 2010, 71, 337-346.	7.9	108
5	Effect of NaCl on the Lifetime of Micro- and Nanobubbles. Nanomaterials, 2016, 6, 31.	4.1	77
6	Nanobubble Water's Promotion Effect of Barley (<i>Hordeum vulgare</i> L.) Sprouts Supported by RNA-Seq Analysis. Langmuir, 2017, 33, 12478-12486.	3.5	40
7	Effects of hydrophobicity of titanium dioxide nanoparticles and exposure scenarios on copper uptake and toxicity in Daphnia magna. Water Research, 2019, 154, 162-170.	11.3	25
8	Alleviation of copper toxicity in Daphnia magna by hydrogen nanobubble water. Journal of Hazardous Materials, 2020, 389, 122155.	12.4	22
9	An overview of recent advances and applications of FT-IR spectroscopy for quality, authenticity, and adulteration detection in edible oils. Critical Reviews in Food Science and Nutrition, 2022, 62, 8009-8027.	10.3	20
10	Comparison of denitrification performances using PLA/starch with different mass ratios as carbon source. Water Science and Technology, 2015, 71, 1019-1025.	2.5	19
11	Formation of a Hydrogen Radical in Hydrogen Nanobubble Water and Its Effect on Copper Toxicity in <i>Chlorella</i> . ACS Sustainable Chemistry and Engineering, 2021, 9, 11100-11109.	6.7	19
12	Effect of chronic toxicity of the crystalline forms of TiO2 nanoparticles on the physiological parameters of Daphnia magna with a focus on index correlation analysis. Ecotoxicology and Environmental Safety, 2019, 181, 292-300.	6.0	17
13	Removal of EDTA-Cu(II) from Water Using Synergistic Fenton Reaction-Assisted Adsorption by Nanomanganese Oxide-Modified Biochar: Performance and Mechanistic Analysis. ACS ES&T Water, 2021, 1, 1302-1312.	4.6	17
14	Antioxidant Activity of Hydrogen Nanobubbles in Water with Different Reactive Oxygen Species both in Vivo and in Vitro. Langmuir, 2018, 34, 11878-11885.	3.5	16
15	Re-using ammonium-rich wastewater as a moisture conditioning agent during composting thermophilic period improves composting performance. Bioresource Technology, 2021, 332, 125084.	9.6	13
16	Dechlorination of Municipal Solid Waste Incineration Fly Ash by Leaching with Fermentation Liquid of Food Waste. Sustainability, 2020, 12, 4389.	3.2	7
17	Composting–a solution of eliminating a nitrite-rich wastewater by reusing it as a moisture conditioning agent. Chemosphere, 2021, 284, 131365.	8.2	5
18	Characterizing the interactions between copper ions and dissolved organic matter using fluorescence excitation–emission matrices with two-dimensional Savitzky–Golay second-order differentiation. Ecotoxicology and Environmental Safety, 2020, 188, 109834.	6.0	4