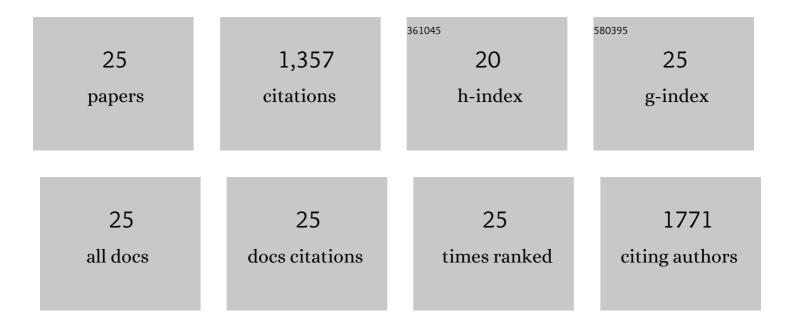
Ningyuan Zhu

List of Publications by Year in descending order

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Νινονιμαν Ζητι

#	Article	IF	CITATIONS
1	Adsorption of arsenic, phosphorus and chromium by bismuth impregnated biochar: Adsorption mechanism and depleted adsorbent utilization. Chemosphere, 2016, 164, 32-40.	4.2	213
2	Rapid removal of tetrabromobisphenol A by α-Fe2O3-x@Graphene@Montmorillonite catalyst with oxygen vacancies through peroxymonosulfate activation: Role of halogen and α-hydroxyalkyl radicals. Applied Catalysis B: Environmental, 2020, 260, 118129.	10.8	135
3	Phosphorus and Cu2+ removal by periphytic biofilm stimulated by upconversion phosphors doped with Pr3+-Li+. Bioresource Technology, 2018, 248, 68-74.	4.8	121
4	Unraveling different mechanisms of persulfate activation by graphite felt anode and cathode to destruct contaminants of emerging concern. Applied Catalysis B: Environmental, 2019, 253, 140-148.	10.8	86
5	Combined CdS nanoparticles-assisted photocatalysis and periphytic biological processes for nitrate removal. Chemical Engineering Journal, 2018, 353, 237-245.	6.6	84
6	Arsenic immobilization through regulated ferrolysis in paddy field amendment with bismuth impregnated biochar. Science of the Total Environment, 2019, 648, 993-1001.	3.9	68
7	Mini review on the roles of nitrate/nitrite in advanced oxidation processes: Radicals transformation and products formation. Journal of Cleaner Production, 2020, 273, 123065.	4.6	66
8	Bismuth impregnated biochar for efficient estrone degradation: The synergistic effect between biochar and Bi/Bi2O3 for a high photocatalytic performance. Journal of Hazardous Materials, 2020, 384, 121258.	6.5	60
9	Arsenic removal by periphytic biofilm and its application combined with biochar. Bioresource Technology, 2018, 248, 49-55.	4.8	57
10	A review of clay based photocatalysts: Role of phyllosilicate mineral in interfacial assembly, microstructure control and performance regulation. Chemosphere, 2021, 273, 129723.	4.2	57
11	Protection Mechanisms of Periphytic Biofilm to Photocatalytic Nanoparticle Exposure. Environmental Science & Technology, 2019, 53, 1585-1594.	4.6	56
12	Responses of Periphyton to Fe ₂ O ₃ Nanoparticles: A Physiological and Ecological Basis for Defending Nanotoxicity. Environmental Science & Technology, 2017, 51, 10797-10805.	4.6	46
13	Clinoptilolite mediated activation of peroxymonosulfate through spherical dispersion and oriented array of NiFe2O4: Upgrading synergy and performance. Journal of Hazardous Materials, 2021, 407, 124736.	6.5	44
14	UV365 induced elimination of contaminants of emerging concern in the presence of residual nitrite: Roles of reactive nitrogen species. Water Research, 2020, 178, 115829.	5.3	42
15	A New Concept of Promoting Nitrate Reduction in Surface Waters: Simultaneous Supplement of Denitrifiers, Electron Donor Pool, and Electron Mediators. Environmental Science & Technology, 2018, 52, 8617-8626.	4.6	38
16	Sustainable pollutant removal by periphytic biofilm via microbial composition shifts induced by uneven distribution of CeO2 nanoparticles. Bioresource Technology, 2018, 248, 75-81.	4.8	34
17	Tuning and controlling photocatalytic performance of TiO2/kaolinite composite towards ciprofloxacin: Role of 0D/2D structural assembly. Advanced Powder Technology, 2020, 31, 1241-1252.	2.0	30
18	Rational design of efficient visible-light driven photocatalyst through 0D/2D structural assembly: Natural kaolinite supported monodispersed TiO2 with carbon regulation. Chemical Engineering Journal, 2020, 396, 125311.	6.6	29

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#	Article	IF	CITATIONS
19	Susceptibility of atrazine photo-degradation in the presence of nitrate: Impact of wavelengths and significant role of reactive nitrogen species. Journal of Hazardous Materials, 2020, 388, 121760.	6.5	23
20	Distinguishing the roles of different extracellular polymeric substance fractions of a periphytic biofilm in defending against Fe ₂ O ₃ nanoparticle toxicity. Environmental Science: Nano, 2017, 4, 1682-1691.	2.2	22
21	Dual benefits of long-term ecological agricultural engineering: Mitigation of nutrient losses and improvement of soil quality. Science of the Total Environment, 2020, 721, 137848.	3.9	21
22	Photic Biofilms Mediated Distant Nitrate Reduction at the Soil–Water Interface of Paddy Fields. ACS Earth and Space Chemistry, 2021, 5, 1163-1171.	1.2	9
23	The unexpected concentration-dependent response of periphytic biofilm during indole acetic acid removal. Bioresource Technology, 2020, 303, 122922.	4.8	8
24	Dam Construction as an Important Anthropogenic Activity Disturbing Soil Organic Carbon in Affected Watersheds. Environmental Science & Technology, 2020, 54, 7932-7941.	4.6	6
25	Augmenting nitrogen removal by periphytic biofilm strengthened via upconversion phosphors (UCPs). Bioresource Technology, 2019, 274, 105-112.	4.8	2