

# Hui Qiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6578786/publications.pdf>

Version: 2024-02-01

18  
papers

2,496  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

3394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical review in adsorption kinetic models. Journal of Zhejiang University: Science A, 2009, 10, 716-724.	2.4	1,223
2	Preferable phosphate sequestration by nano-La(III) (hydr)oxides modified wheat straw with excellent properties in regeneration. Chemical Engineering Journal, 2017, 315, 345-354.	12.7	248
3	Highly efficient removal of heavy metals by polymer-supported nanosized hydrated Fe(III) oxides: Behavior and XPS study. Water Research, 2010, 44, 815-824.	11.3	233
4	Bioinspired Polydopamine Sheathed Nanofibers Containing Carboxylate Graphene Oxide Nanosheet for High-Efficient Dyes Scavenger. ACS Sustainable Chemistry and Engineering, 2017, 5, 4948-4956.	6.7	224
5	Fabrication of agricultural waste supported UiO-66 nanoparticles with high utilization in phosphate removal from water. Chemical Engineering Journal, 2019, 360, 621-630.	12.7	132
6	Fabrication of a Biomass-Based Hydrous Zirconium Oxide Nanocomposite for Preferable Phosphate Removal and Recovery. ACS Applied Materials & Interfaces, 2015, 7, 20835-20844.	8.0	130
7	Highly efficient and rapid fluoride scavenger using an acid/base tolerant zirconium phosphate nanoflake: Behavior and mechanism. Journal of Cleaner Production, 2017, 161, 317-326.	9.3	65
8	Nitrate removal characteristics and <sup>13</sup> C metabolic pathways of aerobic denitrifying bacterium Paracoccus denitrificans Z195. Bioresource Technology, 2020, 307, 123230.	9.6	60
9	Highly selective capture of phosphate ions from water by a water stable metal-organic framework modified with polyethyleneimine. Environmental Science and Pollution Research, 2017, 24, 23694-23703.	5.3	46
10	Fabrication and evaluation of a regenerable HFO-doped agricultural waste for enhanced adsorption affinity towards phosphate. Science of the Total Environment, 2020, 703, 135493.	8.0	39
11	Conductive MOFs as bifunctional oxygen electrocatalysts for all-solid-state Zn-air batteries. Chemical Communications, 2020, 56, 13615-13618.	4.1	33
12	Nano-Hydroxyapatite Encapsulated inside an Anion Exchanger for Efficient Defluoridation of Neutral and Weakly Alkaline Water. ACS ES&T Engineering, 2021, 1, 46-54.	7.6	22
13	Remarkable ability of Pb(II) capture from water by self-assembled metal-phenolic networks prepared with tannic acid and ferric ions. Chemical Engineering Journal, 2022, 450, 138161.	12.7	15
14	Pollution and ecological risk assessment of nutrients associated with deposited sediments collected from roof and road surfaces. Environmental Science and Pollution Research, 2018, 25, 8943-8950.	5.3	12
15	Visible light photocatalytic degradation of methylene blue by hydrated titanium dioxide nanoparticles incorporated within rice straw. Applied Nanoscience (Switzerland), 2021, 11, 921-931.	3.1	5
16	Effective defluoridation of water using nanosized UiO-66-NH <sub>2</sub> encapsulated within macroreticular polystyrene anion exchanger. Chemosphere, 2022, 300, 134584.	8.2	5
17	Solvothermal fabrication of thin Ag nanowires assisted with AAO. RSC Advances, 2016, 6, 82238-82243.	3.6	3
18	Behaviours of direct yellow 12 adsorption on mesoporous carbons with different pore geometries. Water Science and Technology, 2018, 2017, 219-228.	2.5	1