

Haiping Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2385265/publications.pdf>

Version: 2024-02-01

12
papers

528
citations

759055

12
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior and Potential Impacts of Metal-Based Engineered Nanoparticles in Aquatic Environments. <i>Nanomaterials</i> , 2017, 7, 21.	1.9	112
2	Robust cellulose-based composite adsorption membrane for heavy metal removal. <i>Journal of Hazardous Materials</i> , 2021, 406, 124746.	6.5	70
3	Revolutionizing Membrane Design Using Machine Learning-Bayesian Optimization. <i>Environmental Science & Technology</i> , 2022, 56, 2572-2581.	4.6	63
4	Tannic acid-metal complex modified MXene membrane for contaminants removal from water. <i>Journal of Membrane Science</i> , 2021, 622, 119042.	4.1	56
5	Cellulose nanocrystal/silver (CNC/Ag) thin-film nanocomposite nanofiltration membranes with multifunctional properties. <i>Environmental Science: Nano</i> , 2020, 7, 803-816.	2.2	49
6	Two-Dimensional Ti ₃ C ₂ T _x MXene/GO Hybrid Membranes for Highly Efficient Osmotic Power Generation. <i>Environmental Science & Technology</i> , 2020, 54, 2931-2940.	4.6	41
7	Enhanced Ionic Conductivity and Power Generation Using Ion-Exchange Resin Beads in a Reverse-Electrodialysis Stack. <i>Environmental Science & Technology</i> , 2015, 49, 14717-14724.	4.6	32
8	A freestanding graphene oxide membrane for efficiently harvesting salinity gradient power. <i>Carbon</i> , 2018, 138, 410-418.	5.4	31
9	Incorporation of Cellulose Nanocrystals into Graphene Oxide Membranes for Efficient Antibiotic Removal at High Nutrient Recovery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14102-14111.	4.0	28
10	Study on the Transport Mechanism of a Freestanding Graphene Oxide Membrane for Forward Osmosis. <i>Environmental Science & Technology</i> , 2020, 54, 5802-5812.	4.6	19
11	Na-Doped Graphitic Carbon Nitride for Removal of Aqueous Contaminants via Adsorption and Photodegradation. <i>ACS Applied Nano Materials</i> , 2021, 4, 7746-7757.	2.4	15
12	Low-Grade Waste Heat Recovery via an Osmotic Heat Engine by Using a Freestanding Graphene Oxide Membrane. <i>ACS Omega</i> , 2018, 3, 15501-15509.	1.6	12