

Hao Yu

List of Publications by Year in descending order

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25
papers

415
citations

686830
13
h-index

752256
20
g-index

25
all docs

25
docs citations

25
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of oxygen-containing functional groups in modulating water purification performance of graphene oxide-based membrane. Chemical Engineering Journal, 2020, 389, 124375.	6.6	81
2	Preparation of stable and superior flux GO/LDH/PDA-based nanofiltration membranes through electrostatic self-assembly for dye purification. Polymers for Advanced Technologies, 2019, 30, 1644-1655.	1.6	37
3	Weak-reduction graphene oxide membrane for improving water purification performance. Journal of Materials Science and Technology, 2020, 39, 106-112.	5.6	36
4	Graphene/V2O5@polyaniline ternary composites enable waterborne epoxy coating with robust corrosion resistance. Reactive and Functional Polymers, 2020, 151, 104567.	2.0	28
5	The intercalation of nanoscale lattices into micro-sized graphene oxide sheets for enhancing pressure-driven desalination performances. Desalination, 2021, 500, 114868.	4.0	27
6	Intercalation of soft PPy polymeric nanoparticles in graphene oxide membrane for enhancing nanofiltration performances. Separation and Purification Technology, 2021, 272, 118933.	3.9	22
7	Stable graphene oxide-halloysite composite membrane with enhanced permeability for efficient dye desalination. Separation and Purification Technology, 2021, 266, 118067.	3.9	21
8	Approximately 1Ånm-sized artificial tunnels in wrinkled graphene-graphene oxide composite membranes for efficient dye/dye separation and dye desalination. Chemical Engineering Journal, 2022, 445, 136753.	6.6	21
9	Controlled reduction and fabrication of graphene oxide membrane for improved permeance and water purification performance. Journal of Materials Science, 2020, 55, 15130-15139.	1.7	20
10	Stable graphene oxide-based composite membranes intercalated with montmorillonite nanoplatelets for water purification. Journal of Materials Science, 2019, 54, 2241-2255.	1.7	18
11	Core-shell PPy@TiO2 enable GO membranes with controllable and stable dye desalination properties. Desalination, 2022, 526, 115523.	4.0	17
12	Facile fabrication of activated NiFe bimetallic NPs anchored N-doped CNTs arrays as reliable self-standing electrocatalyst for HER and OER. Journal of Solid State Chemistry, 2020, 289, 121498.	1.4	15
13	On how asymmetric stimulated rock volume in shales may impact casing integrity. Energy Science and Engineering, 2020, 8, 1524-1540.	1.9	15
14	Mechanical performance experiments on rock and cement, casing residual stress evaluation in the thermal recovery well based on thermal-structure coupling. Energy Exploration and Exploitation, 2017, 35, 591-608.	1.1	14
15	Bio-inspired antifouling Cellulose nanofiber multifunctional filtration membrane for highly efficient emulsion separation and application in water purification. Korean Journal of Chemical Engineering, 2020, 37, 1751-1760.	1.2	8
16	In-situ transformational mycelium-like metal phosphides-encapsulated carbon nanotubes coating on the stainless steel mesh as robust self-supporting electrocatalyst for water splitting. Applied Surface Science, 2021, 549, 149227.	3.1	7
17	Intercalation of N-doped graphene into graphene oxide-based membranes to improve their overall nanofiltration performance. Chemical Physics Letters, 2021, 775, 138657.	1.2	5
18	Severe Casing Failure in Multistage Hydraulic Fracturing Using Dual-Scale Modeling Approach. SPE Drilling and Completion, 2022, 37, 252-266.	0.9	5

#	ARTICLE	IF	CITATIONS
19	A self-cleaning membrane based on NG/g-C ₃ N ₄ and graphene oxide with enhanced nanofiltration performance. Journal of Materials Science, 2022, 57, 9118-9133.	1.7	5
20	A novel investigation on casing deformation during hydraulic fracturing in the Weirong shale gas field, Sichuan basin, China. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4
21	Experimental study of friction coefficient of rocks in high pressure and tight gas reservoirs in Sichuan. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 1415-1427.	1.0	3
22	Strain-Based Replacement Criterion for Third-Party Damaged Oil and Gas Pipelines. Chemistry and Technology of Fuels and Oils, 2017, 53, 140-146.	0.2	2
23	Fracability Evaluation Based on the Three-Dimensional Geological Numerical Simulation of In Situ Stress: Case Study of the Longmaxi Formation in the Weirong Shale Gas Field, Southwestern China. Mathematical Geosciences, 0, , 1.	1.4	2
24	Reverse design based on slicing method. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	1
25	Is Titanium Drillpipe Applicable to Offshore Drilling? A Question from a Corrosion Fatigue Perspective. SPE Journal, 2022, 27, 116-132.	1.7	1