

Junxian Pei

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

278
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1307366

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1281743

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14
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432
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-layer graphene prevents Cassie-wetting failure of structured hydrophobic surface for efficient condensation. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 302-308.	5.0	7
2	Numerical study of the flow around a hyperbolic cylinder at Reynolds number 3900. <i>Ocean Engineering</i> , 2022, 246, 110669.	1.9	5
3	Acoustic characteristics of a horizontal axis micro hydrokinetic turbine. <i>Ocean Engineering</i> , 2022, 259, 111854.	1.9	0
4	Improving the efficiency of electrokinetic conversion in nanofluidics with graphene-engineered surface. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3292-3297.	2.5	2
5	Simultaneous water and electricity harvesting from low-grade heat by coupling a membrane distiller and an electrokinetic power generator. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27709-27717.	5.2	9
6	Ultraviolet light-assisted electrokinetic conversion based on TiO ₂ electrodes. <i>Materials Today Energy</i> , 2020, 18, 100517.	2.5	3
7	Characteristics of the direct absorption solar collectors based on reduced graphene oxide nanofluids in solar steam evaporation. <i>Energy Conversion and Management</i> , 2019, 199, 112019.	4.4	48
8	Liquid flow-induced electricity in carbon nanomaterials. <i>Sustainable Energy and Fuels</i> , 2019, 3, 599-610.	2.5	22
9	Inhibitory effect of hydrogen ion on the copper ions separation from acid solution across graphene oxide membranes. <i>Separation and Purification Technology</i> , 2019, 210, 651-658.	3.9	7
10	Electricity generation across graphene oxide membranes. <i>Materials Research Bulletin</i> , 2018, 97, 96-100.	2.7	21
11	Water desalination under one sun using graphene-based material modified PTFE membrane. <i>Desalination</i> , 2018, 442, 1-7.	4.0	113
12	Fabrication of reduced graphene oxide membranes for highly efficient water desalination. <i>RSC Advances</i> , 2016, 6, 101948-101952.	1.7	41
13	Carbon nanotube arrays as monolayer nanoscale membrane for enhanced desalination. , 0, 234, 333-347.		0