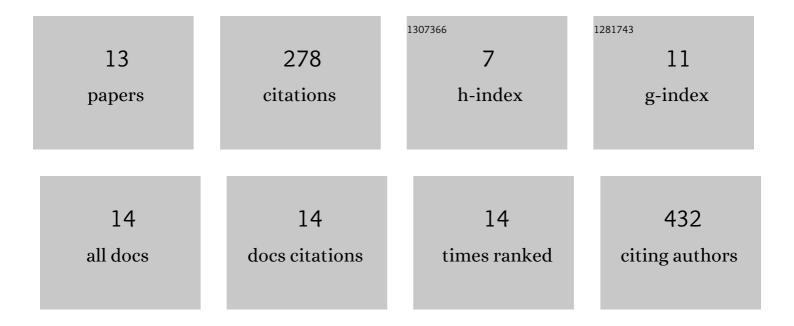
Junxian Pei

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Single-layer graphene prevents Cassie-wetting failure of structured hydrophobic surface for efficient condensation. Journal of Colloid and Interface Science, 2022, 615, 302-308.	5.0	7
2	Numerical study of the flow around a hyperbolic cylinder at Reynolds number 3900. Ocean Engineering, 2022, 246, 110669.	1.9	5
3	Acoustic characteristics of a horizontal axis micro hydrokinetic turbine. Ocean Engineering, 2022, 259, 111854.	1.9	0
4	Improving the efficiency of electrokinetic conversion in nanofluidics with graphene-engineered surface. Sustainable Energy and Fuels, 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. Journal of Materials Chemistry A, 2021, 9, 27709-27717.	5.2	9
6	Ultraviolet light–assisted electrokinetic conversion based on TiO2 electrodes. Materials Today Energy, 2020, 18, 100517.	2.5	3
7	Characteristics of the direct absorption solar collectors based on reduced graphene oxide nanofluids in solar steam evaporation. Energy Conversion and Management, 2019, 199, 112019.	4.4	48
8	Liquid flow-induced electricity in carbon nanomaterials. Sustainable Energy and Fuels, 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. Separation and Purification Technology, 2019, 210, 651-658.	3.9	7
10	Electricity generation across graphene oxide membranes. Materials Research Bulletin, 2018, 97, 96-100.	2.7	21
11	Water desalination under one sun using graphene-based material modified PTFE membrane. Desalination, 2018, 442, 1-7.	4.0	113
12	Fabrication of reduced graphene oxide membranes for highly efficient water desalination. RSC Advances, 2016, 6, 101948-101952.	1.7	41
13	Carbon nanotube arrays as monolayer nanoscale membrane for enhanced desalination. , 0, 234, 333-347.		0