

Yang Wang

List of Publications by Year in descending order

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36
papers

542
citations

567281

15
h-index

677142

22
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all docs

36
docs citations

36
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a high performance and strong resilience wind energy harvester assembly utilizing flow-induced vibration: Role of hysteresis. <i>Energy</i> , 2022, 251, 123921.	8.8	17
2	The effect of vortices structures on the flow-induced vibration of three flexible tandem cylinders. <i>International Journal of Mechanical Sciences</i> , 2021, 192, 106132.	6.7	18
3	Three-dimensional electrode design with conductive fibers and ordered macropores for enhanced capacitive deionization performance. <i>Desalination</i> , 2021, 498, 114794.	8.2	22
4	Self-Sustaining Smoldering Characteristics of Corn Straw Powder Stacks. <i>ACS Omega</i> , 2021, 6, 9928-9939.	3.5	3
5	Importance of Anode/Cathode Mass Loadings on Capacitive Deionization Performance. <i>Journal of the Electrochemical Society</i> , 2021, 168, 053503.	2.9	8
6	Risk and characteristics analysis of the flow-induced vibration of the dip tube in opposed multi-burner gasifier. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 71, 104508.	3.3	1
7	Thermal and kinetic analyzing of pyrolysis and combustion of self-heating biomass particles. <i>Chemical Engineering Research and Design</i> , 2021, 151, 39-50.	5.6	47
8	Aerodynamic wake oscillator for modeling flow-induced vibration of tandem cylinders with short spans. <i>International Journal of Mechanical Sciences</i> , 2021, 204, 106548.	6.7	3
9	A three-dimensional NiCo-LDH array modified halloysite nanotube composite for high-performance battery-type supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161162.	5.5	27
10	A Three-Dimensional Activated Carbon Electrode with Carbon Fiber Felt Framework and Ordered Macropores for Enhanced Capacitive Deionization Performance. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 770-770.	0.0	0
11	Importance of Mass Loadings of Activated Carbon Electrode on Capacitive Deionization Performance. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 1526-1526.	0.0	0
12	A Hierarchical NiCo-LDH/Hnt Nanocomposite with a Core-Shell Structure for High-Performance Battery-Type Supercapacitor. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 456-456.	0.0	0
13	Interlayer Spacing Regulation of NiCo-LDH Nanosheets with Ultrahigh Specific Capacity for Battery-Type Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56692-56703.	8.0	61
14	Experimental investigation of impact-sliding interaction and fretting wear between tubes and anti-vibration bars in steam generators. <i>Nuclear Engineering and Technology</i> , 2020, 52, 1304-1317.	2.3	8
15	Graphite felt 3D framework composites as an easy to scale capacitive deionization electrode for brackish water desalination. <i>Chemical Engineering Journal</i> , 2020, 392, 123698.	12.7	40
16	Accident consequence calculation of ammonia dispersion in factory area. <i>Journal of Loss Prevention in the Process Industries</i> , 2020, 67, 104271.	3.3	18
17	An investigation of impact-sliding behavior and fretting wear of tubes against different supports in steam generators. <i>Industrial Lubrication and Tribology</i> , 2020, 72, 1295-1301.	1.3	2
18	Experimental investigation on flow-induced vibration of flexible multi cylinders in atmospheric boundary layer. <i>International Journal of Mechanical Sciences</i> , 2020, 183, 105815.	6.7	20

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19	Degradation of Acid Red 73 by Activated Persulfate in a Heat/ Fe^{3+}/O_4 @AC System with Ultrasound Intensification. ACS Omega, 2020, 5, 13739-13750.	3.5	32
20	Separation of exfoliated tumor cells from viscoelastic pleural effusion using a microfluidic sandwich structure. Analytical and Bioanalytical Chemistry, 2020, 412, 5513-5523.	3.7	8
21	Vibration mode and velocity interference mechanism of tandem cylinders at subcritical Reynolds number. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 199, 104136.	3.9	14
22	New Approach for Vibration Suppression through Restrictors on Towering Steel Columns with Supporting Frame. Mathematical Problems in Engineering, 2020, 2020, 1-16.	1.1	1
23	An energy-based model for impact-sliding fretting wear between tubes and anti-vibration bars in steam generators. Tribology International, 2020, 148, 106305.	5.9	11
24	Influence of Surface Potential on the Capacitive Performance of the TiO_2 Thin-Film Electrode with Different Crystalline Forms. Langmuir, 2020, 36, 3836-3842.	3.5	16
25	Editors' Choice Review Activated Carbon Electrode Design: Engineering Tradeoff with Respect to Capacitive Deionization Performance. Journal of the Electrochemical Society, 2020, 167, 143501.	2.9	47
26	3D Capacitive Deionization Electrode Supported By Carbon Fiber/Felt Framework with Ordered Macropores for Brackish Water Desalination. ECS Meeting Abstracts, 2020, MA2020-02, 3280-3280.	0.0	0
27	Influence of Surface Potential at Aqueous/ TiO_2 Thin-Film Interface on the Capacitance Performance. ECS Meeting Abstracts, 2020, MA2020-02, 555-555.	0.0	0
28	Enhanced surface activity of activated carbon by surfactants synergism. RSC Advances, 2019, 9, 26519-26531.	3.6	31
29	Enhanced Capacitive Deionization Performance with Activated Carbon Loaded in Graphite Felt Framework. ECS Meeting Abstracts, 2019, , .	0.0	0
30	Experimental and numerical study on the dispersion of heavy gases in urban environments. Chemical Engineering Research and Design, 2018, 116, 640-653.	5.6	18
31	Dispersion of carbon dioxide plume in street canyons. Chemical Engineering Research and Design, 2018, 116, 235-242.	5.6	20
32	Effects of Solvent Molecules on the Interlayer Spacing of Graphene Oxide. Transactions of Tianjin University, 2018, 24, 555-562.	6.4	16
33	Influence of Interfacial Properties on the Capacitive Deionization Performance of TiO_2 Thin-Film. ECS Meeting Abstracts, 2018, , .	0.0	0
34	Influence of Solution Chemistry on the Dielectric Properties of TiO_2 Thin-Film Porous Electrodes. Journal of Physical Chemistry C, 2016, 120, 21543-21551.	3.1	11
35	Importance of Protons and Specifically Adsorbing Ions on Changing Capacitance, Space Charge Potential Inside the Solid, and the Interfacial Potential at the TiO_2 Aqueous Solution Interface. Electrochimica Acta, 2016, 219, 577-587.	5.2	15
36	The rheological behavior of graphite oxide/cationic polyacrylamide suspensions. RSC Advances, 2016, 6, 102938-102946.	3.6	7