

Chih-Che Chueh

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

112
citations

1307594

7
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1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Study of Motion and Stability of Falling Columnar Crystals. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1923-1942.	1.7	19
2	Design guidelines for the manufacturing of the electrode-electrolyte interface of solid oxide fuel cells. <i>Journal of Power Sources</i> , 2019, 437, 226888.	7.8	12
3	Dynamics of phase separation of sheared inertialess binary mixtures. <i>Physics of Fluids</i> , 2020, 32, .	4.0	11
4	An Adaptive Operator Splitting Method for Two-Phase Flow in 3D Heterogeneous Porous Media. <i>SIAM Journal of Scientific Computing</i> , 2013, 35, B149-B175.	2.8	10
5	A numerical study of flow fields of lobed hailstones falling in air. <i>Atmospheric Research</i> , 2015, 160, 1-14.	4.1	10
6	A numerical study on the ventilation coefficients of falling lobed hailstones. <i>Atmospheric Research</i> , 2020, 234, 104737.	4.1	10
7	Numerical Study of Motion of Falling Conical Graupel. <i>Atmospheric Research</i> , 2018, 199, 82-92.	4.1	7
8	Thermo-mechanical analysis of 3D manufactured electrodes for solid oxide fuel cells. <i>Journal of the European Ceramic Society</i> , 2021, 41, 497-508.	5.7	7
9	Effective Transport Properties Accounting for Electrochemical Reactions of Proton-Exchange Membrane Fuel Cell Catalyst Layers. <i>ECS Transactions</i> , 2011, 41, 221-227.	0.5	6
10	Dynamics of phase separation of sheared binary mixtures after a nonisothermal quenching. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	6
11	Heat transfer performance comparison of printed circuit heat exchangers with straight, zigzag and serpentine flow channels for waste heat recovery. <i>International Journal of Energy Research</i> , 2022, 46, 1722-1735.	4.5	6
12	A preliminary numerical study on the time-varying fall attitudes and aerodynamics of freely falling conical graupel particles. <i>Atmospheric Research</i> , 2017, 183, 58-72.	4.1	4
13	Effective thermal conductivity of composite materials made of a randomly packed densified spherical phase. <i>International Journal of Thermal Sciences</i> , 2021, 170, 107123.	4.9	3
14	The detachment of a wall-bound pendant drop suspended in a sheared fluid and subjected to an external force field. <i>Physics of Fluids</i> , 0, , .	4.0	1
15	Advanced Microstructures for Electrochemical Energy Systems: A Modelling Perspective. , 2019, , .		0