

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
h-index

1372567

10
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16
all docs

16
docs citations

16
times ranked

96
citing authors

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