

Qiu Wang

List of Publications by Year in descending order

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19
papers

117
citations

1478505

6
h-index

1281871

11
g-index

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all docs

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docs citations

19
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive AIE-based mechanoresponsive luminescent polymer coatings for surface pressure imaging. <i>Chemical Engineering Journal</i> , 2022, 431, 133449.	12.7	6
2	Special Issue on "Advances in Plasma Diagnostics and Applications" <i>Processes</i> , 2022, 10, 654.	2.8	0
3	Numerical and Experimental Study on the Duration of Nozzle Starting of the Reflected High-Enthalpy Shock Tunnel. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2845.	2.5	1
4	Cold Atmospheric Plasma for Cancer Treatment: Molecular and Immunological Mechanisms. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 916-927.	3.7	3
5	Characterization of reflected shock tunnel air conditions using a simple method. <i>Physics of Fluids</i> , 2022, 34, .	4.0	3
6	Evolution of heat transfer at the stagnation point during the detached bow shock establishment. <i>Shock Waves</i> , 2021, 31, 133-140.	1.9	0
7	Effects of Cowl-Induced Expansion on the Wave Complex Induced by Oblique Detonation Wave Reflection. <i>Processes</i> , 2021, 9, 1215.	2.8	1
8	Numerical and experimental study on high-speed hydrogen-oxygen combustion gas flow and aerodynamic heating characteristics. <i>Physics of Fluids</i> , 2021, 33, 076103.	4.0	6
9	Advances in plasma-assisted ignition and combustion for combustors of aerospace engines. <i>Aerospace Science and Technology</i> , 2021, 117, 106952.	4.8	32
10	Fast-response oxygen sensitive transparent coating for inner pressure ratiometric optical mapping. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3919-3927.	5.5	4
11	Coaxial Thermocouples for Heat Transfer Measurements in Long-Duration High Enthalpy Flows. <i>Sensors</i> , 2020, 20, 5254.	3.8	3
12	A Fast-Response Calorimeter with Dynamic Corrections for Transient Heat Transfer Measurements. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6143.	2.5	1
13	Potential Agricultural and Biomedical Applications of Cold Atmospheric Plasma-Activated Liquids With Self-Organized Patterns Formed at the Interface. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 3455-3471.	1.3	19
14	Numerical modeling of a high-enthalpy shock tunnel driven by gaseous detonation. <i>Aerospace Science and Technology</i> , 2020, 104, 105958.	4.8	6
15	Construction of bi-layer biluminophore fast-responding pressure sensitive coating for non-contact unsteady aerodynamic testing. <i>Polymer Testing</i> , 2019, 77, 105922.	4.8	6
16	Influence of test model material on the accuracy of transient heat transfer measurements in impulse facilities. <i>Experimental Thermal and Fluid Science</i> , 2019, 104, 59-66.	2.7	8
17	Performance of Copper Calorimeter for Heat Transfer Measurement in High Enthalpy Shock Tunnel. <i>Journal of Thermal Science</i> , 2018, 27, 373-381.	1.9	0
18	Influence of Thermal Sensor Installation on Measuring Accuracy at Stagnation Points. <i>Journal of Thermophysics and Heat Transfer</i> , 2017, 31, 318-323.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Comparative study on aerodynamic heating under perfect and nonequilibrium hypersonic flows. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	15