

Zhenhua Pan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

197
citations

1163117

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12
docs citations

12
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation on the rotating detonation critical mode for a methane-air mixture in an annular tube using reactive Navier-Stokes equations. Journal of Thermal Analysis and Calorimetry, 2021, 144, 2285.	3.6	4
2	On the interaction between a diffraction shock wave and a cylindrical sulfur hexafluoride bubble. AIP Advances, 2021, 11, .	1.3	3
3	Experimental and numerical investigation on flame propagation and transition to detonation in curved channel. Aerospace Science and Technology, 2021, 118, 107036.	4.8	11
4	The propagation characteristics of curved detonation wave: Experiments in helical channels. Proceedings of the Combustion Institute, 2019, 37, 3585-3592.	3.9	19
5	Flame evolution in shock-accelerated flow under different reactive gas mixture gradients. Physical Review E, 2019, 100, 013111.	2.1	5
6	Numerical investigation of planar shock wave impinging on spherical gas bubble with different densities. Physics of Fluids, 2019, 31, .	4.0	24
7	Fabrication of a helical detonation channel: Effect of initial pressure on the detonation propagation modes of ethylene/oxygen mixtures. Combustion and Flame, 2018, 192, 1-9.	5.2	30
8	Numerical investigation of shock-SF6 bubble interaction with different mach numbers. Computers and Fluids, 2018, 177, 78-86.	2.5	16
9	Stable detonation characteristics of premixed C ₂ H ₄ /O ₂ gas in narrow gaps. Experiments in Fluids, 2017, 58, 1.	2.4	12
10	Jet formation of SF6 bubble induced by incident and reflected shock waves. Physics of Fluids, 2017, 29, .	4.0	25
11	Flow Topology of Three-Dimensional Spherical Flame in Shock Accelerated Flows. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.8	0
12	Wavelet pattern and self-sustained mechanism of gaseous detonation rotating in a coaxial cylinder. Combustion and Flame, 2011, 158, 2220-2228.	5.2	48