

Janardhanraj Subburaj

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

157
citations

1478505

6
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the shockwave attenuation in miniature shock tubes. Journal of Fluid Mechanics, 2021, 910, .	3.4	5
2	Computational and Microstructural Stability Analysis of Shock Wave Interaction with NbB ₂ -B ₄ C-Based Nanostructured Ceramics. ACS Applied Materials & Interfaces, 2019, 11, 47491-47500.	8.0	19
3	Effect of stacking fault energy on the evolution of microstructure and texture during blast assisted deformation of FCC materials. Journal of Materials Processing Technology, 2019, 271, 568-583.	6.3	11
4	PLIF-Based Concentration Measurement of OH Behind the Blast Wave Emanating from an Oxyhydrogen Detonation-Driven Shock Tube. , 2019, , 237-243.		0
5	Healing Touch Shocking Waves!. , 2019, , .		0
6	Mechanism of transformation in Mycobacteria using a novel shockwave assisted technique driven by in-situ generated oxyhydrogen. Scientific Reports, 2017, 7, 8645.	3.3	13
7	Insights into the mechanism of a novel shockwave-assisted needle-free drug delivery device driven by in situ-generated oxyhydrogen mixture which provides efficient protection against mycobacterial infections. Journal of Biological Engineering, 2017, 11, 48.	4.7	6
8	A Comparative Study of Shockwave Propagation in Different Diameter Miniature Shock Tubes. , 2017, , 1401-1405.		0
9	Development of a novel miniature detonation-driven shock tube assembly that uses <i>in situ</i> generated oxyhydrogen mixture. Review of Scientific Instruments, 2016, 87, 085114.	1.3	12
10	Successful treatment of biofilm infections using shock waves combined with antibiotic therapy. Scientific Reports, 2015, 5, 17440.	3.3	60
11	Biological Effects of Shock Waves on Infection. , 2015, , 877-882.		0
12	Energy Analysis of a Small-Scale Combustion Driven Blast Tube. , 2015, , 119-125.		2
13	Diaphragmless shock wave generators for industrial applications of shock waves. Shock Waves, 2011, 21, 301-306.	1.9	25
14	Miniature Shock Tube Actuators for Flow Control Applications. , 2010, , .		4