

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	Successful treatment of biofilm infections using shock waves combined with antibiotic therapy. Scientific Reports, 2015, 5, 17440.	3.3	60
2	Diaphragmless shock wave generators for industrial applications of shock waves. Shock Waves, 2011, 21, 301-306.	1.9	25
3	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
4	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
5	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
6	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
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	Insights into the shockwave attenuation in miniature shock tubes. Journal of Fluid Mechanics, 2021, 910, .	3.4	5
9	Miniature Shock Tube Actuators for Flow Control Applications. , 2010, , .		4
10	Energy Analysis of a Small-Scale Combustion Driven Blast Tube. , 2015, , 119-125.		2
11	Biological Effects of Shock Waves on Infection. , 2015, , 877-882.		0
12	A Comparative Study of Shockwave Propagation in Different Diameter Miniature Shock Tubes. , 2017, , 1401-1405.		0
13	PLIF-Based Concentration Measurement of OH Behind the Blast Wave Emanating from an Oxyhydrogen Detonation-Driven Shock Tube. , 2019, , 237-243.		0
14	Healing Touch Shocking Waves!. , 2019, , .		0