

Pradeep Gudru

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4547273/publications.pdf>

Version: 2024-02-01

7
papers

383
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Measurement of Stress and Damage Evolution during Initial Lithiation of Crystalline Silicon. <i>Physical Review Letters</i> , 2011, 107, 045503.	7.8	327
2	Shell Buckling of Imperfect Multiwalled Carbon Nanotubes—Experiments and Analysis. <i>Experimental Mechanics</i> , 2007, 47, 153-161.	2.0	15
3	On Adhesion Enhancement Due to Concave Surface Geometries. <i>Journal of Adhesion</i> , 2011, 87, 194-213.	3.0	14
4	The Influence of a Surface Coating on the High-rate Fragmentation of a Ductile Material. <i>International Journal of Fracture</i> , 2006, 137, 89-108.	2.2	12
5	A mechanism for enhanced static sliding resistance owing to surface waviness. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2011, 467, 2209-2223.	2.1	7
6	A scanning acoustic microscope based on picosecond ultrasonics. <i>Ultrasonics</i> , 2015, 56, 153-159.	3.9	7
7	In Situ Measurement of Phase Boundary Kinetics during Initial Lithiation of Crystalline Silicon through Picosecond Ultrasonics. <i>Experimental Mechanics</i> , 2019, 59, 681-689.	2.0	1