

Saikat Chaterjee

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

202
citations

1937685

4
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	A large deflection model for the pull-in analysis of electrostatically actuated microcantilever beams. Journal of Sound and Vibration, 2009, 322, 969-986.	3.9	159
2	Electric field induced strain, switching and energy storage behaviour of lead free Barium Zirconium Titanate ceramic. Physica B: Condensed Matter, 2017, 521, 264-269.	2.7	29
3	Squeeze-film damping characteristics of cantilever microresonators for higher modes of flexural vibration. International Journal of Engineering, Science and Technology, 2010, 2, .	0.6	7
4	Electromechanical Properties and Electric Field Induced Strain of BNT-BT Piezoceramic Material at the MPB Region. Materials Today: Proceedings, 2018, 5, 24880-24886.	1.8	4
5	Squeeze-Film Damping Characteristics of Cantilever Microresonators under Large Electrostatic Loading. Mechanics of Advanced Materials and Structures, 2012, 19, 613-624.	2.6	2
6	Dynamics of nonlinearly damped microcantilevers under electrostatic excitation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2013, 227, 630-646.	2.1	1
7	Development and characterization of novel piezoceramic material based stack actuator. Materials Today: Proceedings, 2021, 46, 4515-4519.	1.8	0