

Ratul Majumdar

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

76
citations

1937632

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1872665

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11
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docs citations

11
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Configurable Post-Release Stress-Engineering of Surface Micro-Machined MEMS Structures. Journal of Microelectromechanical Systems, 2017, 26, 671-678.	2.5	23
2	Towards Microscale Flight: Fabrication, Stability Analysis, and Initial Flight Experiments for 300 μm imes , μm </math> </math> 300 </math> </math> 1.5 </math> </math> Sized Untethered MEMS Microfliers. IEEE Transactions on Nanobioscience, 2015, 14, 323-331.	3.3	20
3	Post-release stress-engineering of surface-micromachined MEMS structures using evaporated Chromium and in-situ fabricated reconfigurable shadow masks. , 2015, , .		12
4	Optimal Power Flow for Indian 75 Bus System Using Differential Evolution. Lecture Notes in Computer Science, 2011, , 110-118.	1.3	9
5	Economic load dispatch using hybridized Differential Evolution and invasive weed operation. , 2011, , .		4
6	Untethered microscale flight: mechanisms and platforms for future aerial MEMS microrobots. Proceedings of SPIE, 2015, , .	0.8	4
7	Artificial Weed Colonies with Neighbourhood Crowding Scheme for Multimodal Optimization. Advances in Intelligent and Soft Computing, 2012, , 779-787.	0.2	2
8	Tactile sensing and compliance in MicroStressBot assemblies. , 2014, , .		1
9	A Quantized Invasive Weed Optimization Based Antenna Array Synthesis with Digital Phase Control. Lecture Notes in Computer Science, 2011, , 102-109.	1.3	1
10	SAT-C: An Efficient Control Strategy for Assembly of Heterogeneous Stress-Engineered MEMS Microrobots. , 2018, , .		0