

Rashi Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

260
citations

1307594

7
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy balance for peak detection method in piezoelectric energy harvester. Journal of Intelligent Material Systems and Structures, 2014, 25, 1024-1035.	2.5	9
2	Mechanoelectric transduction in ionic polymer-metal composite. Applied Physics Letters, 2013, 102, 123903.	3.3	10
3	Ionic polymer-metal composite mechanoelectric transduction: effect of impedance. International Journal of Smart and Nano Materials, 2012, 3, 275-295.	4.2	8
4	Hydraulic artificial muscles. Journal of Intelligent Material Systems and Structures, 2012, 23, 301-312.	2.5	69
5	Battery modeling for energy harvesting system. , 2011, , .		0
6	Closed loop heading control in the tobacco hawkmoth, Manduca sexta. Proceedings of SPIE, 2011, , .	0.8	0
7	Directional control valve with the ability to "dangle". Proceedings of SPIE, 2011, , .	0.8	1
8	Energy Harvesting Circuit for Pulse Generator. , 2011, , .		0
9	Multi-source energy harvester power management. , 2011, , .		1
10	A Novel Ionic Polymer Metal ZnO Composite (IPMZC). Sensors, 2011, 11, 4674-4687.	3.8	13
11	Passive Multi-Source Energy Harvesting Schemes: Multiplicity of Piezoelectrics. , 2011, , .		0
12	Effect of metal diffusion on mechanoelectric property of ionic polymer-metal composite. Applied Physics Letters, 2010, 97, 244104.	3.3	46
13	Multi-Source Power Harvester for Cyborg Micro Air Vehicle. , 2010, , .		0
14	Combined AC and DC Energy Harvesting Methods. , 2010, , .		0
15	A novel ionic polymer-metal composites incorporating ZnO thin film. , 2009, , .		0
16	Variable Thickness IPMC: Capacitance Effect on Energy Harvesting. Materials Research Society Symposia Proceedings, 2008, 1129, 1.	0.1	2
17	IPMC paints. Proceedings of SPIE, 2008, , .	0.8	1
18	Ionic polymer-metal composite as energy harvesters. Smart Structures and Systems, 2008, 4, 549-563.	1.9	77

#	ARTICLE	IF	CITATIONS
19	Ionic polymer metal composites as energy harvesters. , 2007, , .		8
20	IPMC-assisted miniature disposable infusion pumps with embedded computer control. , 2007, , .		7
21	Sprayed Sensor Using IPMC PAINT. Advances in Science and Technology, 0, , .	0.2	7