

Sudeep Joshi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,121
citations

1040018

9
h-index

1281846

11
g-index

15
all docs

15
docs citations

15
times ranked

4142
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D-Printed Hybrid Nasal Cartilage with Functional Electronic Olfaction. <i>Advanced Science</i> , 2020, 7, 1901878.	11.2	61
2	Bacterial Nanobionics via 3D Printing. <i>Nano Letters</i> , 2018, 18, 7448-7456.	9.1	41
3	Tailoring Thin-Film Piezoelectrics for Crash Sensing. <i>Small</i> , 2018, 14, e1800608.	10.0	3
4	Effect of post-deposition annealing on transverse piezoelectric coefficient and vibration sensing performance of ZnO thin films. <i>Applied Surface Science</i> , 2014, 296, 169-176.	6.1	27
5	Evaluation of Transverse Piezoelectric Coefficient of ZnO Thin Films Deposited on Different Flexible Substrates: A Comparative Study on the Vibration Sensing Performance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7108-7116.	8.0	32
6	A novel piezoelectric thin film impact sensor: Application in non-destructive material discrimination. <i>Sensors and Actuators A: Physical</i> , 2013, 199, 272-282.	4.1	28
7	3D Printed Bionic Ears. <i>Nano Letters</i> , 2013, 13, 2634-2639.	9.1	762
8	Distributed piezoelectric Thin Film Sensor Array for monitoring impact events. , 2013, , .		6
9	A novel piezoelectric ZnO nanogenerator on flexible metal alloy substrate. , 2012, , .		6
10	Flexible phynox alloy with integrated piezoelectric thin film for micro actuation application. , 2012, , .		4
11	AFM cantilever with integrated piezoelectric thin film for micro-actuation. , 2012, , .		2
12	Graphene-based wireless bacteria detection on tooth enamel. <i>Nature Communications</i> , 2012, 3, 763.	12.8	806
13	A novel gas flow sensing application using piezoelectric ZnO thin films deposited on Phynox alloy. <i>Sensors and Actuators A: Physical</i> , 2012, 187, 194-200.	4.1	23
14	Electrical detection of pathogenic bacteria via immobilized antimicrobial peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19207-19212.	7.1	317