

# Dr Amit Sharma

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

23  
citations

3  
h-index

4  
g-index

12  
ext. papers

44  
ext. citations

1.2  
avg, IF

1.6  
L-index

#	Paper	IF	Citations
11	Fabrication and characterization of a bulk micromachined polysilicon piezoresistive accelerometer. <i>Materials Today: Proceedings</i> , <b>2021</b> , 48, 619-619	1.4	1
10	Experimental study of resistive load for impedance matching of triboelectric energy harvester fabricated with patterned polydimethylsiloxane polymer layer. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	0
9	Performance enhancement of the triboelectric energy harvester by forming rough surface polymer film using poly-dimethyl-siloxane +25 wt% water solution. <i>International Journal of Digital Signals and Smart Systems</i> , <b>2020</b> , 4, 40	0.2	2
8	Triboelectric Energy Harvester performance enhanced by modifying the tribo-layer with cost-effective fabrication. <i>Materials Research Express</i> , <b>2019</b> , 6, 065514	1.7	3
7	Impact of Rough Surface Morphology of Diluted Poly-DiMethyl-Siloxane (PDMS) Polymer Film on Triboelectric Energy Harvester Performance <b>2018</b> ,		2
6	Triboelectric-Based Kinetic Energy Harvesting Using Polydimethylsiloxane (PDMS). <i>Materials Horizons</i> , <b>2018</b> , 75-81	0.6	2
5	Fabrication and characterisation of Al gate n-metal oxide semiconductor field-effect transistor, on-chip fabricated with silicon nitride ion-sensitive field-effect transistor. <i>IET Computers and Digital Techniques</i> , <b>2016</b> , 10, 268-272	0.9	6
4	Dynamic characterization of bulk micromachined accelerometer using laser doppler vibrometer (LDV). <i>Microsystem Technologies</i> , <b>2015</b> , 21, 2221-2232	1.7	5
3	Fabrication and characterization of Al gate n-MOSFET, on-chip fabricated with Si <sub>3</sub> N <sub>4</sub> ISFET <b>2015</b> ,		1
2	Simulation and characterization of dual-gate SOI MOSFET, on-chip fabricated with ISFET <b>2015</b> ,		1
1	Cost-effective test set-up for the real-time measurement of the triboelectric energy harvester. <i>JVC/Journal of Vibration and Control</i> , 107754632110564	2	0