

# Anup Poudel

## 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.

10  
papers

77  
citations

6  
h-index

8  
g-index

11  
ext. papers

108  
ext. citations

5.4  
avg, IF

2.28  
L-index

#	Paper	IF	Citations
10	In vitro analysis of a physiological strain sensor formulated from a PEDOT:PSS functionalized carbon nanotube-poly(glycerol sebacate urethane) composite. <i>Materials Science and Engineering C</i> , <b>2021</b> , 121, 111857	8.3	10
9	A flexible strain-responsive sensor fabricated from a biocompatible electronic ink via an additive-manufacturing process. <i>Materials and Design</i> , <b>2021</b> , 206, 109700	8.1	3
8	Processing of nanocomposites using supercritical fluid assisted extrusion for stress/strain sensing applications. <i>Composites Part B: Engineering</i> , <b>2019</b> , 165, 397-405	10	17
7	Boron Nitride Nanotube Addition Enhances the Crystallinity and Cytocompatibility of PVDF-TrFE. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 364	5	10
6	Analysis of a poly(ε-decalactone)/silver nanowire composite as an electrically conducting neural interface biomaterial. <i>BMC Biomedical Engineering</i> , <b>2019</b> , 1, 9	4.3	3
5	Thermal, mechanical, dielectric, and morphological study of dielectric filler based thermoplastic nanocomposites for electromechanical applications. <i>Journal of Thermoplastic Composite Materials</i> , <b>2019</b> , 32, 178-204	1.9	7
4	Crystallization Behavior of Pebax/Graphene Composite Matrix with and without Supercritical Carbon Dioxide Assisted Polymer Processing Technique. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 3938-3952 <sup>3,5</sup>	3.5	6
3	Evaluation of interfacial region of microphase-separated SEBS using modulated differential scanning calorimetry and dynamic mechanical thermal analysis. <i>Polymer Testing</i> , <b>2017</b> , 62, 268-277	4.5	16
2	Investigation of the thermal, mechanical, electrical and morphological properties of supercritical carbon dioxide assisted extrusion of microphase-separated poly(styrene-ethylene/butylene-styrene). <i>Journal of Supercritical Fluids</i> , <b>2017</b> , 130, 1-9	4.2	4
1	Dielectric Polarization Enhancement of Thermoplastic Elastomers for Sensing and Energy Harvesting Applications. <i>International Journal of Materials Mechanics and Manufacturing</i> , 237-242	0.3	1