

# Asish Kumar Panda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8143059/publications.pdf>

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7  
papers

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1478505  
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#	ARTICLE	IF	CITATIONS
1	Electrical stimulation waveformâ€dependent osteogenesis on PVDF/BaTiO <sub>3</sub> composite using a customized and programmable cell stimulator. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1578-1597.	3.3	9
2	Biomaterials-based bioengineering strategies for bioelectronic medicine. <i>Materials Science and Engineering Reports</i> , 2021, 146, 100630.	31.8	18
3	Tunable Substrate Functionalities Direct Stem Cell Fate toward Electrophysiologically Distinguishable Neuron-like and Glial-like Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 164-185.	8.0	13
4	Functionalized Fluoropolymer-Compatibilized Elastomeric Bilayer Composites for Osteochondral Repair: Unraveling the Role of Substrate Stiffness and Functionalities. <i>ACS Applied Bio Materials</i> , 2021, 4, 8543-8558.	4.6	4
5	Faster Biomineralization and Tailored Mechanical Properties of Marine-Resource-Derived Hydroxyapatite Scaffolds with Tunable Interconnected Porous Architecture. <i>ACS Applied Bio Materials</i> , 2019, 2, 2171-2184.	4.6	23
6	A New Approach to Compute the Porosity and Surface Roughness of Porous Coated Capillary-Assisted Low Pressure Evaporators. <i>Scientific Reports</i> , 2018, 8, 11708.	3.3	6
7	Controlled Shear Flow Directs Osteogenesis on UHMWPE-Based Hybrid Nanobiocomposites in a Custom-Designed PMMA Microfluidic Device. <i>ACS Applied Bio Materials</i> , 2018, 1, 414-435.	4.6	12