

# Tuli Dey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9883587/publications.pdf>

Version: 2024-02-01

26  
papers

1,019  
citations

516710

16  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macro- and micro-nutrient-based multiplex stress conditions modulate in vitro tumorigenesis and aggressive behavior of breast cancer spheroids. <i>In Vitro Models</i> , 2022, 1, 85-101.	2.0	6
2	Advances in Animal Models and Cutting-Edge Research in Alternatives: Proceedings of the Second International Conference on 3Rs Research and Progress, Hyderabad, 2021. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, , 026119292210892.	1.0	4
3	Biomarkers of mitochondrial origin: a futuristic cancer diagnostic. <i>Integrative Biology (United Kingdom)</i> , 2020, 12, 291-302.	1.3	5
4	Nonmulberry silk proteins: multipurpose ingredient in bio-functional assembly. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 062002.	3.3	32
5	Tumor-macrophage crosstalk: how to listen. <i>Integrative Biology (United Kingdom)</i> , 2020, 12, 291-302.	1.3	5
6	Women in Science and Technology: An Indian Scenario. <i>Current Science</i> , 2020, 119, 744.	0.8	4
7	Hydroxyapatite reinforced inherent RGD containing silk fibroin composite scaffolds: Promising platform for bone tissue engineering. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1745-1759.	3.3	52
8	Inherent aggressive character of invasive and non-invasive cells dictates the in vitro migration pattern of multicellular spheroid. <i>Scientific Reports</i> , 2017, 7, 11527.	3.3	20
9	Silk fibroin nanoparticles support in vitro sustained antibiotic release and osteogenesis on titanium surface. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1193-1204.	3.3	75
10	Target Specific Delivery of Anticancer Drug in Silk Fibroin Based 3D Distribution Model of Bone Breast Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 2269-2279.	8.0	66
11	Cytotoxicity and sustained release of modified divinylsulfone from silk based 3D construct. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 263.	3.6	2
12	CAS directly interacts with vinculin to control mechanosensing and focal adhesion dynamics. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 727-744.	5.4	55
13	Silk Protein Lithography as a Route to Fabricate Sericin Microarchitectures. <i>Advanced Materials</i> , 2014, 26, 4431-4437.	21.0	84
14	Modified dextran cross-linked electrospun gelatin nanofibres for biomedical applications. <i>Carbohydrate Polymers</i> , 2014, 114, 467-475.	10.2	64
15	Non-mulberry silk fibroin influence osteogenesis and osteoblast-macrophage cross talk on titanium based surface. <i>Scientific Reports</i> , 2014, 4, 4745.	3.3	45
16	Biocompatible composites of fibrous nanohydroxyapatite embedded in a polydimethylsiloxane. <i>Journal of Materials Science</i> , 2013, 48, 5132-5139.	3.7	9
17	The promotion of osseointegration of titanium surfaces by coating with silk protein sericin. <i>Biomaterials</i> , 2013, 34, 2855-2864.	11.4	108
18	Precise Patterning of Silk Microstructures Using Photolithography. <i>Advanced Materials</i> , 2013, 25, 6207-6212.	21.0	116

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19	Fabrication of sericin nanoparticles for controlled gene delivery. RSC Advances, 2013, 4, 2137-2142.	3.6	55
20	Comparing mechano-transduction in fibroblasts deficient of focal adhesion proteins. Biochemical and Biophysical Research Communications, 2011, 413, 541-544.	2.1	15
21	Anodic mesoporous TiO <sub>2</sub> layer on Ti for enhanced formation of biomimetic hydroxyapatite. Acta Biomaterialia, 2011, 7, 1873-1879.	8.3	56
22	First synthesis and antiprotozoal activities of divinyl sulfone-modified carbohydrates. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3777-3780.	2.2	10
23	Scanning Electron Microscopy Observation of Nanoscopic Wetting of TiO <sub>2</sub> Nanotubes and ODS Modified Nanotubes Using Ionic Liquids. Electrochemical and Solid-State Letters, 2010, 13, E11.	2.2	22
24	The Jacob2 Lectin of the Entamoeba histolytica Cyst Wall Binds Chitin and Is Polymorphic. PLoS Neglected Tropical Diseases, 2010, 4, e750.	3.0	23
25	Size-Selective Separation of Macromolecules by Nanochannel Titania Membrane with Self-Cleaning (Declogging) Ability. Journal of the American Chemical Society, 2010, 132, 7893-7895.	13.7	79
26	Entamoeba invadens: Cloning and molecular characterization of chitinases. Experimental Parasitology, 2009, 123, 244-249.	1.2	11