

# 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	Precise Patterning of Silk Microstructures Using Photolithography. <i>Advanced Materials</i> , 2013, 25, 6207-6212.	21.0	116
2	The promotion of osseointegration of titanium surfaces by coating with silk protein sericin. <i>Biomaterials</i> , 2013, 34, 2855-2864.	11.4	108
3	Silk Protein Lithography as a Route to Fabricate Sericin Microarchitectures. <i>Advanced Materials</i> , 2014, 26, 4431-4437.	21.0	84
4	Size-Selective Separation of Macromolecules by Nanochannel Titania Membrane with Self-Cleaning (Declogging) Ability. <i>Journal of the American Chemical Society</i> , 2010, 132, 7893-7895.	13.7	79
5	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
6	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
7	Modified dextran cross-linked electrospun gelatin nanofibres for biomedical applications. <i>Carbohydrate Polymers</i> , 2014, 114, 467-475.	10.2	64
8	Anodic mesoporous TiO <sub>2</sub> layer on Ti for enhanced formation of biomimetic hydroxyapatite. <i>Acta Biomaterialia</i> , 2011, 7, 1873-1879.	8.3	56
9	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
10	Fabrication of sericin nanoparticles for controlled gene delivery. <i>RSC Advances</i> , 2013, 4, 2137-2142.	3.6	55
11	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
12	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
13	Nonmulberry silk proteins: multipurpose ingredient in bio-functional assembly. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 062002.	3.3	32
14	The Jacob2 Lectin of the <i>Entamoeba histolytica</i> Cyst Wall Binds Chitin and Is Polymorphic. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e750.	3.0	23
15	Scanning Electron Microscopy Observation of Nanoscopic Wetting of TiO <sub>2</sub> Nanotubes and ODS Modified Nanotubes Using Ionic Liquids. <i>Electrochemical and Solid-State Letters</i> , 2010, 13, E11.	2.2	22
16	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
17	Comparing mechano-transduction in fibroblasts deficient of focal adhesion proteins. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 541-544.	2.1	15
18	<i>Entamoeba invadens</i> : Cloning and molecular characterization of chitinases. <i>Experimental Parasitology</i> , 2009, 123, 244-249.	1.2	11

#	ARTICLE	IF	CITATIONS
19	First synthesis and antiprotozoal activities of divinyl sulfone-modified carbohydrates. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3777-3780.	2.2	10
20	Biocompatible composites of fibrous nanohydroxyapatite embedded in a polydimethylsiloxane. Journal of Materials Science, 2013, 48, 5132-5139.	3.7	9
21	Macro- and micro-nutrient-based multiplex stress conditions modulate in vitro tumorigenesis and aggressive behavior of breast cancer spheroids. In Vitro Models, 2022, 1, 85-101.	2.0	6
22	Tumor-macrophage crosstalk: how to listen. Integrative Biology (United Kingdom), 2020, 12, 291-302.	1.3	5
23	Women in Science and Technology: An Indian Scenario. Current Science, 2020, 119, 744.	0.8	4
24	Advances in Animal Models and Cutting-Edge Research in Alternatives: Proceedings of the Second International Conference on 3Rs Research and Progress, Hyderabad, 2021. ATLA Alternatives To Laboratory Animals, 2022, , 026119292210892.	1.0	4
25	Cytotoxicity and sustained release of modified divinylsulfone from silk based 3D construct. Journal of Materials Science: Materials in Medicine, 2015, 26, 263.	3.6	2
26	Biomarkers of mitochondrial origin: a futuristic cancer diagnostic. Integrative Biology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.3	1