

Samit K Nandi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

915
citations

567281

15
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of non-mulberry silk fibroin in deposition and regulation of extracellular matrix towards accelerated wound healing. <i>Acta Biomaterialia</i> , 2017, 48, 157-174.	8.3	174
2	Functionalized PVA-silk blended nanofibrous mats promote diabetic wound healing via regulation of extracellular matrix and tissue remodelling. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1559-e1570.	2.7	85
3	Immunomodulatory injectable silk hydrogels maintaining functional islets and promoting anti-inflammatory M2 macrophage polarization. <i>Biomaterials</i> , 2018, 187, 1-17.	11.4	82
4	Development of New Localized Drug Delivery System Based on Ceftriaxone-Sulbactam Composite Drug Impregnated Porous Hydroxyapatite: A Systematic Approach for In Vitro and In Vivo Animal Trial. <i>Pharmaceutical Research</i> , 2010, 27, 1659-1676.	3.5	75
5	Protein growth factors loaded highly porous chitosan scaffold: A comparison of bone healing properties. <i>Materials Science and Engineering C</i> , 2013, 33, 1267-1275.	7.3	74
6	The repair of segmental bone defects with porous bioglass: An experimental study in goat. <i>Research in Veterinary Science</i> , 2009, 86, 162-173.	1.9	66
7	Converted marine coral hydroxyapatite implants with growth factors: In vivo bone regeneration. <i>Materials Science and Engineering C</i> , 2015, 49, 816-823.	7.3	57
8	Functional hepatocyte clusters on bioactive blend silk matrices towards generating bioartificial liver constructs. <i>Acta Biomaterialia</i> , 2018, 67, 167-182.	8.3	56
9	Influence of single and binary doping of strontium and lithium on in vivo biological properties of bioactive glass scaffolds. <i>Scientific Reports</i> , 2016, 6, 32964.	3.3	45
10	Evaluation of new porous β -tri-calcium phosphate ceramic as bone substitute in goat model. <i>Small Ruminant Research</i> , 2008, 75, 144-153.	1.2	41
11	In vitro and in vivo evaluation of the marine sponge skeleton as a bone mimicking biomaterial. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 250-262.	1.3	40
12	Cefuroxime-impregnated calcium phosphates as an implantable delivery system in experimental osteomyelitis. <i>Ceramics International</i> , 2009, 35, 1367-1376.	4.8	28
13	Localized Immunomodulatory Silk Macrocapsules for Islet-like Spheroid Formation and Sustained Insulin Production. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2443-2456.	5.2	27
14	In vitro and in vivo release of cefuroxime axetil from bioactive glass as an implantable delivery system in experimental osteomyelitis. <i>Ceramics International</i> , 2009, 35, 3207-3216.	4.8	23
15	Silkworm Silk Matrices Coated with Functionalized Spider Silk Accelerate Healing of Diabetic Wounds. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3537-3548.	5.2	23
16	Native honeybee silk membrane: a potential matrix for tissue engineering and regenerative medicine. <i>RSC Advances</i> , 2016, 6, 54394-54403.	3.6	9
17	Functionalized Silk Vascular Grafts with Decellularized Human Wharton's Jelly Improves Remodeling via Immunomodulation in Rabbit Jugular Vein. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100750.	7.6	7
18	In Vivo Characterization of Biomaterials. , 2013, , 255-297.		1

#	ARTICLE	IF	CITATIONS
19	Ceramic Biomaterials in Advanced Biomedical Applications. , 2022, , 371-408.		1