

Bodhisatwa Das

List of Publications by Year in descending order

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33
papers

964
citations

430754

18
h-index

454834

30
g-index

33
all docs

33
docs citations

33
times ranked

1600
citing authors

#	ARTICLE	IF	CITATIONS
1	A vascularized bone-on-a-chip model development via exploring mechanical stimulation for evaluation of fracture healing therapeutics. <i>In Vitro Models</i> , 2022, 1, 73-83.	1.0	4
2	Direct 3D Printing of Seashell Precursor toward Engineering a Multiphasic Calcium Phosphate Bone Graft. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3806-3820.	2.6	7
3	Irreversible Electroporation as an Alternative to Wound Debridement Surgery. <i>Surgical Technology International</i> , 2021, 39, 67-73.	0.1	0
4	Carbon nano dot decorated copper nanowires for SERS-Fluorescence dual-mode imaging/anti-microbial activity and enhanced angiogenic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117669.	2.0	16
5	Differential Cell Death and Regrowth of Dermal Fibroblasts and Keratinocytes After Application of Pulsed Electric Fields. <i>Bioelectricity</i> , 2020, 2, 175-185.	0.6	5
6	Laser Patterned ZNO Substituted Calcium Phosphate Scaffolds via Viscous Polymer Processing for Bone Graft. <i>Materials Today: Proceedings</i> , 2019, 11, 849-858.	0.9	1
7	Carbon Nanodots Doped Super-paramagnetic Iron Oxide Nanoparticles for Multimodal Bioimaging and Osteochondral Tissue Regeneration via External Magnetic Actuation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3549-3560.	2.6	37
8	Manganese oxide-carbon quantum dots nano-composites for fluorescence/magnetic resonance (T1) dual mode bioimaging, long term cell tracking, and ROS scavenging. <i>Materials Science and Engineering C</i> , 2019, 102, 427-436.	3.8	16
9	Hierarchical surface morphology on Ti6Al4V via patterning and hydrothermal treatment towards improving cellular response. <i>Applied Surface Science</i> , 2019, 478, 806-817.	3.1	26
10	Doping of carbon nanodots for saving cells from silver nanotoxicity: A study on recovering osteogenic differentiation potential. <i>Toxicology in Vitro</i> , 2019, 57, 81-95.	1.1	6
11	<i>In Vivo</i> Cell Tracking, Reactive Oxygen Species Scavenging, and Antioxidative Gene Down Regulation by Long-Term Exposure of Biomass-Derived Carbon Dots. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 346-356.	2.6	34
12	Doping of Carbon Quantum Dots (CDs) in Calcium Phosphate Nanorods for Inducing Ectopic Chondrogenesis via Activation of the HIF-1 α /SOX-9 Pathway. <i>ACS Omega</i> , 2019, 4, 374-386.	1.6	7
13	Morphology-induced physico-mechanical and biological characteristics of TPU-PDMS blend scaffolds for skin tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1634-1644.	1.6	27
14	Hybrid electrospun fibers based on TPU-PDMS and spherical nanohydroxyapatite for bone tissue engineering. <i>Materials Today Communications</i> , 2018, 16, 264-273.	0.9	17
15	Core-Shell Nanofibrous Scaffold Based on Polycaprolactone-Silk Fibroin Emulsion Electrospinning for Tissue Engineering Applications. <i>Bioengineering</i> , 2018, 5, 68.	1.6	46
16	Onion derived carbon nanodots for live cell imaging and accelerated skin wound healing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6579-6592.	2.9	98
17	Bilayered nanofibrous 3D hierarchy as skin rudiment by emulsion electrospinning for burn wound management. <i>Biomaterials Science</i> , 2017, 5, 1786-1799.	2.6	66
18	Structurally Tuned Antimicrobial Mesoporous Hydroxyapatite Nanorods by Cyclic Oligosaccharides Regulation To Release a Drug for Osteomyelitis. <i>Crystal Growth and Design</i> , 2017, 17, 433-445.	1.4	13

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19	Nano-/Microfibrous Cotton-Wool-Like 3D Scaffold with Core-Shell Architecture by Emulsion Electrospinning for Skin Tissue Regeneration. ACS Biomaterials Science and Engineering, 2017, 3, 3563-3575.	2.6	50
20	Carbon nanodot impregnated fluorescent nanofibers for in vivo monitoring and accelerating full-thickness wound healing. Journal of Materials Chemistry B, 2017, 5, 6645-6656.	2.9	27
21	Inhibition of fibrillation of human serum albumin through interaction with chitosan-based biocompatible silver nanoparticles. RSC Advances, 2016, 6, 43104-43115.	1.7	32
22	Accelerating full thickness wound healing using collagen sponge of mrigal fish (Cirrhinus Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (3.6	52
23	Single step synthesized sulfur and nitrogen doped carbon nanodots from whey protein: nanoprobe for longterm cell tracking crossing the barrier of photo-toxicity. RSC Advances, 2016, 6, 60794-60805.	1.7	19
24	Excavating the Role of <i>Aloe Vera</i> Wrapped Mesoporous Hydroxyapatite Frame Ornamentation in Newly Architected Polyurethane Scaffolds for Osteogenesis and Guided Bone Regeneration with Microbial Protection. ACS Applied Materials & Interfaces, 2016, 8, 5941-5960.	4.0	31
25	A Simple Approach for an Eggshell-Based 3D-Printed Osteoinductive Multiphasic Calcium Phosphate Scaffold. ACS Applied Materials & Interfaces, 2016, 8, 11910-11924.	4.0	52
26	On-Demand Guided Bone Regeneration with Microbial Protection of Ornamented SPU Scaffold with Bismuth-Doped Single Crystalline Hydroxyapatite: Augmentation and Cartilage Formation. ACS Applied Materials & Interfaces, 2016, 8, 4086-4100.	4.0	35
27	One pot synthesis of intriguing fluorescent carbon dots for sensing and live cell imaging. Talanta, 2016, 150, 253-264.	2.9	61
28	Microwave assisted rapid synthesis of N-methylene phosphonic chitosan via Mannich-type reaction. Carbohydrate Polymers, 2015, 133, 345-352.	5.1	22
29	Orange-red silver emitters for sensing application and bio-imaging. Dalton Transactions, 2015, 44, 11457-11469.	1.6	17
30	Carbon nanodots from date molasses: new nanolights for the in vitro scavenging of reactive oxygen species. Journal of Materials Chemistry B, 2014, 2, 6839-6847.	2.9	109
31	SINGLE STEP SINTERED CALCIUM PHOSPHATE FIBERS FROM AVIAN EGG SHELL. International Journal of Modern Physics Conference Series, 2013, 22, 305-312.	0.7	2
32	Poly(maleic acid) - A novel dispersant for aqueous alumina slurry. Journal of Asian Ceramic Societies, 2013, 1, 184-190.	1.0	27
33	Cyclic RGD peptide conjugated trypsin etched gold quantum clusters: novel biolabeling agents for stem cell imaging. Journal of Stem Cells, 2012, 7, 189-99.	1.0	2