

Rupak Dua

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

434
citations

1039880

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h-index

1058333

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16
docs citations

16
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Nanoplatelet-Induced Strengthening of UltraHigh Molecular Weight Polyethylene and Biocompatibility In vitro. ACS Applied Materials & Interfaces, 2012, 4, 2234-2241.	4.0	143
2	Three Dimensional Graphene Foam/Polymer Hybrid as a High Strength Biocompatible Scaffold. Advanced Functional Materials, 2015, 25, 3916-3924.	7.8	107
3	Applications of 3D-Printed PEEK via Fused Filament Fabrication: A Systematic Review. Polymers, 2021, 13, 4046.	2.0	56
4	Surface modification of Ni-Ti alloys for stent application after magnetoelectropolishing. Materials Science and Engineering C, 2015, 50, 37-44.	3.8	33
5	Augmentation of engineered cartilage to bone integration using hydroxyapatite. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 922-932.	1.6	23
6	Bioinspired antibacterial surface for orthopedic and dental implants. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 973-981.	1.6	18
7	The effect of uranium on bacterial viability and cell surface morphology using atomic force microscopy in the presence of bicarbonate ions. Research in Microbiology, 2015, 166, 419-427.	1.0	13
8	Relative survivability of human osteoblasts is enhanced by 39°C and ascorbic acid after exposure to photopolymerization ingredients. Cytotechnology, 2013, 65, 587-596.	0.7	12
9	Integration of Stem Cell to Chondrocyte-Derived Cartilage Matrix in Healthy and Osteoarthritic States in the Presence of Hydroxyapatite Nanoparticles. PLoS ONE, 2016, 11, e0149121.	1.1	12
10	Designing and validation of an automated ex-vivo bioreactor system for long term culture of bone. Bone Reports, 2021, 14, 101074.	0.2	8
11	Evaluation of bone formation on orthopedic implant surfaces using an ex-vivo bone bioreactor system. Scientific Reports, 2021, 11, 22509.	1.6	4
12	Graphene Nanoplatelet-Reinforced Silicone for the Valvular Prosthesis Application. Journal of Long-Term Effects of Medical Implants, 2015, 25, 95-103.	0.2	2
13	Nanogels for Tissue Engineering. RSC Smart Materials, 2017, , 77-93.	0.1	2
14	Novel design to integrate tissue engineered cartilage to native bone using hydroxyapatite nanoparticles. , 2011, , .		0
15	SERS Biosensor for Label Free Monitoring of Environmental Stress. , 2013, , .		0