

Harsha Ramaraju

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2132693/publications.pdf>

Version: 2024-02-01

15
papers

202
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Binding of pVTK Peptide- and Bisphosphonate-Functionalized Micelles to Prostate Cancer Cells, Osteoblasts, and Osteoclasts. <i>Precision Nanomedicine</i> , 2022, 5, .	0.8	0
2	Finite element analysis of esophageal atresia repair with biodegradable polymer sleeves. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 133, 105349.	3.1	1
3	Evaluating Directional Dependency of Selective Laser Sintered Patient Specific Biodegradable Devices to Improve Predictive Modeling and Design Verification. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2579-2589.	2.5	2
4	Development of Photocrosslinked Poly(glycerol dodecanedioate)â€™A Biodegradable Shape Memory Polymer for 3Dâ€™Printed Tissue Engineering Applications. <i>Advanced Engineering Materials</i> , 2021, 23, 2100219.	3.5	14
5	Early preclinical evaluation of a novel, computer aided designed, 3D printed, bioresorbable posterior cricoid scaffold. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2021, 150, 110892.	1.0	1
6	3D bioprinting of a trachea-mimetic cellular construct of a clinically relevant size. <i>Biomaterials</i> , 2021, 279, 121246.	11.4	25
7	Evaluation of human nasal cartilage nonlinear and rate dependent mechanical properties. <i>Journal of Biomechanics</i> , 2020, 100, 109549.	2.1	5
8	Modulating nonlinear elastic behavior of biodegradable shape memory elastomer and small intestinal submucosa(SIS) composites for soft tissue repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103965.	3.1	12
9	Designing Biodegradable Shape Memory Polymers for Tissue Repair. <i>Advanced Functional Materials</i> , 2020, 30, 2002014.	14.9	49
10	Degradation properties of a biodegradable shape memory elastomer, poly(glycerol dodecanoate), for soft tissue repair. <i>PLoS ONE</i> , 2020, 15, e0229112.	2.5	19
11	Cell and Materialâ€™Specific Phage Display Peptides Increase iPSâ€™MSC Mediated Bone and Vasculature Formation In Vivo. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801356.	7.6	12
12	Dual-functioning peptides discovered by phage display increase the magnitude and specificity of BMSC attachment to mineralized biomaterials. <i>Biomaterials</i> , 2017, 134, 1-12.	11.4	31
13	Paediatric devices that grow up. <i>Nature Biomedical Engineering</i> , 2017, 1, 777-778.	22.5	5
14	Inhibition of osteoblast mineralization by phosphorylated phage-derived apatite-specific peptide. <i>Biomaterials</i> , 2015, 73, 120-130.	11.4	11
15	Dual-functioning phage-derived peptides encourage human bone marrow cell-specific attachment to mineralized biomaterials. <i>Connective Tissue Research</i> , 2014, 55, 160-163.	2.3	15