

Joseph A M Steele

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

240
citations

1162367

8
h-index

1199166

12
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13
docs citations

13
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptideâ€Directed Spatial Organization of Biomolecules in Dynamic Gradient Scaffolds. <i>Advanced Healthcare Materials</i> , 2014, 3, 1381-1386.	3.9	44
2	Bouncing and 3D printable hybrids with self-healing properties. <i>Materials Horizons</i> , 2018, 5, 849-860.	6.4	44
3	Modular and Versatile Spatial Functionalization of Tissue Engineering Scaffolds through Fiberâ€Initiated Controlled Radical Polymerization. <i>Advanced Functional Materials</i> , 2015, 25, 5748-5757.	7.8	35
4	Pericyte Seeded Dual Peptide Scaffold with Improved Endothelialization for Vascular Graft Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2016, 5, 3046-3055.	3.9	33
5	Culturing functional pancreatic islets on $\hat{\pm}5$ -laminins and curative transplantation to diabetic mice. <i>Matrix Biology</i> , 2018, 70, 5-19.	1.5	23
6	In vitro and in vivo investigation of a zonal microstructured scaffold for osteochondral defect repair. <i>Biomaterials</i> , 2022, 286, 121548.	5.7	19
7	A multilayered scaffold for regeneration of smooth muscle and connective tissue layers. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 733-744.	2.1	10
8	Cardiovascular calcification violet pearl. <i>Lancet, The</i> , 2014, 384, 1294.	6.3	9
9	Encapsulation of protein microfiber networks supporting pancreatic islets. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3384-3391.	2.1	8
10	A step toward engineering thick tissues: Distributing microfibers within 3D printed frames. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 581-591.	2.1	8
11	â€Ruffled borderâ€formation on a CaP-free substrate: A first step towards osteoclast-recruiting bone-grafts materials able to re-establish bone turn-over. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 38.	1.7	6
12	Biomimetic Materials: Peptideâ€Directed Spatial Organization of Biomolecules in Dynamic Gradient Scaffolds (<i>Adv. Healthcare Mater.</i> 9/2014). <i>Advanced Healthcare Materials</i> , 2014, 3, 1350-1350.	3.9	1
13	Controlled Polymerization: Modular and Versatile Spatial Functionalization of Tissue Engineering Scaffolds through Fiberâ€Initiated Controlled Radical Polymerization (<i>Adv. Funct. Mater.</i> 36/2015). <i>Advanced Functional Materials</i> , 2015, 25, 5718-5718.	7.8	0