Sanika Suvarnapathaki

List of Publications by Year
in descending order

15	464	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breathing life into engineered tissues using oxygen-releasing biomaterials. NPG Asia Materials, 2019, 11, .	7.9	92
2	Eggshell particle-reinforced hydrogels for bone tissue engineering: an orthogonal approach. Biomaterials Science, 2019, 7, 2675-2685.	5.4	55
3	Mineralized Hydrogels Induce Bone Regeneration in Critical Size Cranial Defects. Advanced Healthcare Materials, 2021, 10, e2001101.	7.6	44
4	Hydroxyapatiteâ€Incorporated Composite Gels Improve Mechanical Properties and Bioactivity of Bone Scaffolds. Macromolecular Bioscience, 2020, 20, e2000176.	4.1	39
5	Paper as a scaffold for cell cultures: Teaching an old material new tricks. MRS Communications, 2018, 8, 1-14.	1.8	37
6	Synthesis and characterization of photocrosslinkable albumin-based hydrogels for biomedical applications. Soft Matter, 2020, 16, 9242-9252.	2.7	37
7	Oxygen generating scaffolds regenerate critical size bone defects. Bioactive Materials, 2022, 13, 64-81.	15.6	34
8	Synthesis and characterization of photocrosslinkable hydrogels from bovine skin gelatin. RSC Advances, 2019, 9, 13016-13025.	3.6	30
9	Engineering calcium peroxide based oxygen generating scaffolds for tissue survival. Biomaterials Science, 2021, 9, 2519-2532.	5.4	27
10	Generation of cell-laden hydrogel microspheres using 3D printing-enabled microfluidics. Journal of Materials Research, 2018, 33, 2012-2018.	2.6	22
11	Composite Scaffolds from Gelatin and Bone Meal Powder for Tissue Engineering. Bioengineering, 2021, 8, 169.	3.5	15
12	Eggshell Microparticle Reinforced Scaffolds for Regeneration of Critical Sized Cranial Defects. ACS Applied Materials & Interfaces, 2021, 13, 60921-60932.	8.0	10
13	Nanophosphor-Based Contrast Agents for Spectral X-ray Imaging. Nanomaterials, 2019, 9, 1092.	4.1	9
14	Mineralized paper scaffolds for bone tissue engineering. Biotechnology and Bioengineering, 2021, 118, 1411-1418.	3.3	7
15	Unconventional biomaterials for cardiovascular tissue engineering. Current Opinion in Biomedical Engineering, 2021, 17, 100263.	3.4	6