

Bin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

290
citations

1307366

7
h-index

1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct ink writing of vancomycin-loaded polycaprolactone/ polyethylene oxide/ hydroxyapatite 3D scaffolds. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1821-1840.	1.9	13
2	Direct ink writing of polycaprolactone / polyethylene oxide based 3D constructs. <i>Progress in Natural Science: Materials International</i> , 2021, 31, 180-191.	1.8	31
3	Patterned surfaces with the controllable drug doses using inkjet printing. <i>Journal of Materials Research</i> , 2021, 36, 3865-3876.	1.2	5
4	Effects of porosity on drug release kinetics of swellable and erodible porous pharmaceutical solid dosage forms fabricated by hot melt droplet deposition 3D printing. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120626.	2.6	21
5	New insights into the effects of porosity, pore length, pore shape and pore alignment on drug release from extrusionbased additive manufactured pharmaceuticals. <i>Additive Manufacturing</i> , 2021, 46, 102196.	1.7	6
6	Nanostructured biomaterials for regenerative medicine: Clinical perspectives. , 2020, , 47-80.		0
7	An investigation into the formations of the internal microstructures of solid dispersions prepared by hot melt extrusion. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 147-161.	2.0	13
8	Finite element evaluations of the mechanical properties of polycaprolactone/hydroxyapatite scaffolds by direct ink writing: Effects of pore geometry. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 104, 103665.	1.5	39
9	Gradient scaffolds for osteochondral tissue engineering and regeneration. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8149-8170.	2.9	88
10	Dynamic in vivo protein carbonyl biosensor for measuring oxidative stress. <i>Medical Devices & Sensors</i> , 2020, 3, e10135.	2.7	1
11	Solvent-based Extrusion 3D Printing for the Fabrication of Tissue Engineering Scaffolds. <i>International Journal of Bioprinting</i> , 2019, 6, 211.	1.7	73
12	Reversible Protein Carbonylation In-Vivo Biosensor. , 2019, , .		0
13	Optical fiber based in-vivo oxidative stress biosensor. , 2019, , .		0