Chase S Linsley

List of Publications by Year
in descending order

23 papers	547 citations	759233 12 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	963 citing authors

#	Article	IF	Citations
1	Recent advances in light-responsive on-demand drug-delivery systems. Therapeutic Delivery, 2017, 8, 89-107.	2.2	168
2	The Effect of Fibrinogen, Collagen Type I, and Fibronectin on Mesenchymal Stem Cell Growth and Differentiation into Osteoblasts. Tissue Engineering - Part A, 2013, 19, 1416-1423.	3.1	77
3	Photocurable poly(ethylene glycol) as a bioink for the inkjet 3D pharming of hydrophobic drugs. International Journal of Pharmaceutics, 2018, 546, 145-153.	5.2	41
4	Photocurable Bioink for the Inkjet 3D Pharming of Hydrophilic Drugs. Bioengineering, 2017, 4, 11.	3.5	37
5	Mesenchymal stem cell growth on and mechanical properties of fibrin-based biomimetic bone scaffolds. Journal of Biomedical Materials Research - Part A, 2016, 104, 2945-2953.	4.0	27
6	Keratinocyte Migration in a Three-Dimensional In Vitro Wound Healing Model Co-Cultured with Fibroblasts. Tissue Engineering and Regenerative Medicine, 2018, 15, 721-733.	3.7	24
7	Facile fabrication and enhanced properties of Cu-40â€¯wt% Zn/WC nanocomposite. Journal of Alloys and Compounds, 2019, 784, 237-243.	5.5	24
8	Visible light and near-infrared-responsive chromophores for drug delivery-on-demand applications. Drug Delivery and Translational Research, 2015, 5, 611-624.	5.8	23
9	Photocurable Bioinks for the 3D Pharming of Combination Therapies. Polymers, 2018, 10, 1372.	4.5	23
10	Novel zinc/tungsten carbide nanocomposite as bioabsorbable implant. Materials Letters, 2020, 263, 127282.	2.6	16
11	Highly Ductile Zn-2Fe-WC Nanocomposite as Biodegradable Material. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 4406-4413.	2.2	16
12	Znâ€“Mgâ€“WC Nanocomposites for Bioresorbable Cardiovascular Stents: Microstructure, Mechanical Properties, Fatigue, Shelf Life, and Corrosion. ACS Biomaterials Science and Engineering, 2022, 8, 328-339.	5.2	14
13	Manufacturing and Characterization of Zn-WC as Potential Biodegradable Material. Procedia Manufacturing, 2019, 34, 247-251.	1.9	12
14	Fabrication and Characterization of In Situ Zn-TiB2 Nanocomposite. Procedia Manufacturing, 2020, 48, 332-337.	1.9	10
15	Evaluation of a shape memory implant abutment system: An up to 6-month pilot clinical study. Journal of Prosthetic Dentistry, 2020, 123, 257-263.	2.8	7
16	Preparation of photothermal palmitic acid/cholesterol liposomes. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1384-1392.	3.4	6
17	Scalable Manufacturing of Metal Nanoparticles by Thermal Fiber Drawing. Journal of Micro and Nano-Manufacturing, 2016, 4, .	0.7	5
18	Experimental study on novel biodegradable <scp>Zn</scp>â€“<scp>Fe</scp>â€“<scp>Si</scp> alloys. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 2266-2275.	3.4	5

#	Article	IF	Citations
19	Functionalizing Fibrin Hydrogels with Thermally Responsive Oligonucleotide Tethers for On-Demand Delivery. Bioengineering, 2022, 9, 25.	3.5	4
20	Treating an edentulous mandible with an implant-supported prosthesis with a shape-memory alloy abutment system. Journal of Prosthetic Dentistry, 2020, 123, 775-780.	2.8	3
21	Binder Jetting of Custom Silicone Powder for Direct Three-Dimensional Printing of Maxillofacial Prostheses. 3D Printing and Additive Manufacturing, 2022, 9, 520-534.	2.9	3
22	Fabrication and characterization of bioresorbable zinc/WC nanocomposite springs for short bowel syndrome treatment. Materials Letters, 2020, 280, 128577.	2.6	2
23	Evaluation of the wear and retention performance of a shape-memory alloy abutment system after 6 months of clinical use. Journal of Prosthetic Dentistry, 2020, 124, 189-194.	2.8	0