Liang-jian Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/975724/publications.pdf

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14	368	1163117 8	1058476 14
papers	citations	h-index	g-index

17	17	17	555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polarized hydroxyapatite/BaTiO3 scaffoldsâ€,with bio-inspired porous structure for enhanced bone penetration. Rare Metals, 2022, 41, 67-77.	7.1	6
2	Degradation and biological performance of porous osteomimetic biphasic calcium phosphate in vitro and in vivo. Rare Metals, 2022, 41, 457-468.	7.1	9
3	A novel CKIP-1 SiRNA slow-release coating on porous titanium implants for enhanced osseointegration. , 2022, 137, 212864.		2
4	Effects of grafting cell penetrate peptide and RGD on endocytosis and biological effects of Mg-CaPNPs-CKIP-1 siRNA carrier system in vitro. Journal of Central South University, 2021, 28, 1291-1304.	3.0	3
5	Arecoline Enhances Phosphodiesterase 4A Activity to Promote Transforming Growth Factor-Î²-Induced Buccal Mucosal Fibroblast Activation via cAMP-Epac1 Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 722040.	3.5	4
6	Circular RNA Circ-03955 Promotes Epithelial-Mesenchymal Transition in Osteosarcoma by Regulating miR-3662/Metadherin Pathway. Frontiers in Oncology, 2020, 10, 545460.	2.8	12
7	Microstructure, Corrosion Behaviors in Different Simulated Body Fluids and Cytotoxicity of Znâ€“Li Alloy as Biodegradable Material. Materials Transactions, 2019, 60, 583-586.	1.2	3
8	Investigation on the microstructure, mechanical properties, in vitro degradation behavior and biocompatibility of newly developed Zn-0.8%Li-(Mg, Ag) alloys for guided bone regeneration. Materials Science and Engineering C, 2019, 99, 1021-1034.	7.3	87
9	Effect of Tb/Mg doping on composition and physical properties of hydroxyapatite nanoparticles for gene vector application. Transactions of Nonferrous Metals Society of China, 2018, 28, 125-136.	4.2	11
10	Improved osteoblasts growth on osteomimetic hydroxyapatite/BaTiO3 composites with aligned lamellar porous structure. Materials Science and Engineering C, 2016, 61, 8-14.	7.3	58
11	Effects of chitosan coating on biocompatibility of Mgâ€“6%Znâ€“10%Ca3(PO4)2 implant. Transactions of Nonferrous Metals Society of China, 2015, 25, 824-831.	4.2	20
12	Aligned porous barium titanate/hydroxyapatite composites with high piezoelectric coefficients for bone tissue engineering. Materials Science and Engineering C, 2014, 39, 143-149.	7.3	137
13	Biodegradation performance of a chitosan coated magnesium-zinc-tricalcium phosphate composite as an implant. Biointerphases, 2014, 9, 031004.	1.6	12
14	Finite element analysis for interfacial stress and fatigue behaviors of biomimetic titanium implant under static and dynamic loading conditions. Journal of Central South University (Medical Sciences), 2010, 35, 662-72.	0.1	3