

# Liang-jian Chen

## List of Publications by Year in descending order

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14  
papers

368  
citations

1163117

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docs citations

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times ranked

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citing authors

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