

Dianming Jiang

List of Publications by Year in descending order

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22
papers

577
citations

623734

14
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677142

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23
all docs

23
docs citations

23
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Sn addition on the mechanical properties and bio-corrosion behavior of cytocompatible Mg-4Zn based alloys. <i>Journal of Magnesium and Alloys</i> , 2019, 7, 15-26.	11.9	68
2	Controlled release of TGF-beta 1 from RADA self-assembling peptide hydrogel scaffolds. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3043-3051.	4.3	55
3	A novel biodegradable Mg-1Zn-0.5Sn alloy: Mechanical properties, corrosion behavior, biocompatibility, and antibacterial activity. <i>Journal of Magnesium and Alloys</i> , 2020, 8, 374-386.	11.9	43
4	Evaluation of Anterior Cervical Reconstruction with Titanium Mesh Cages versus Nano-Hydroxyapatite/Polyamide66 Cages after 1- or 2-Level Corpectomy for Multilevel Cervical Spondylotic Myelopathy: A Retrospective Study of 117 Patients. <i>PLoS ONE</i> , 2014, 9, e96265.	2.5	40
5	Functionalized D-form self-assembling peptide hydrogels for bone regeneration. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1379.	4.3	39
6	Bone plate composed of a ternary nano-hydroxyapatite/polyamide 66/glass fiber composite: biomechanical properties and biocompatibility. <i>International Journal of Nanomedicine</i> , 2014, 9, 1423.	6.7	36
7	A hollow cylindrical nano-hydroxyapatite/polyamide composite strut for cervical reconstruction after cervical corpectomy. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 536-540.	1.5	35
8	Designer functionalised self-assembling peptide nanofibre scaffolds for cartilage tissue engineering. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e12.	3.9	32
9	In vitro and in vivo biocompatibility and osteogenesis of graphene-reinforced nanohydroxyapatite polyamide66 ternary biocomposite as orthopedic implant material. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3179-3189.	6.7	30
10	D-RADA16-RGD-Reinforced Nano-Hydroxyapatite/Polyamide 66 Ternary Biomaterial for Bone Formation. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 177-189.	3.7	30
11	Sagittal geometry of the middle and lower cervical endplates. <i>European Spine Journal</i> , 2013, 22, 1570-1575.	2.2	29
12	Long-term results of anterior cervical corpectomy and fusion with nano-hydroxyapatite/polyamide 66 strut for cervical spondylotic myelopathy. <i>Scientific Reports</i> , 2016, 6, 26751.	3.3	29
13	In Vitro and In Vivo Evaluations of Nano-Hydroxyapatite/Polyamide 66/Glass Fibre (n-HA/PA66/GF) as a Novel Bioactive Bone Screw. <i>PLoS ONE</i> , 2013, 8, e68342.	2.5	25
14	Polydopamine-induced hydroxyapatite coating facilitates hydroxyapatite/polyamide 66 implant osteogenesis: an in vitro and in vivo evaluation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8179-8193.	6.7	24
15	Bone Plate Composed of a Ternary Nanohydroxyapatite/Polyamide 66/Glass Fiber Composite: Biocompatibility In Vivo and Internal Fixation for Canine Femur Fractures. <i>Advanced Functional Materials</i> , 2019, 29, 1808738.	14.9	15
16	Geometry of thoracolumbar vertebral endplates of the human spine. <i>European Spine Journal</i> , 2011, 20, 1814-1820.	2.2	12
17	Nanohydroxyapatite/polyamide 66 strut subsidence after one-level corpectomy: underlying mechanism and effect on cervical neurological function. <i>Scientific Reports</i> , 2018, 8, 12098.	3.3	8
18	In Vitro Studies on Mg-Zn-Sn-Based Alloys Developed as a New Kind of Biodegradable Metal. <i>Materials</i> , 2021, 14, 1606.	2.9	8

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19	Imaging evaluation of nano-hydroxyapatite/polyamide 66 strut in cervical construction after 1-level corpectomy: a retrospective study of 520 patients. <i>European Journal of Medical Research</i> , 2020, 25, 38.	2.2	7
20	Hip and pelvic fractures and sciatic nerve injury. <i>Chinese Journal of Traumatology - English Edition</i> , 2002, 5, 333-7.	1.4	7
21	Enhancement of the bone-implant interface by applying a plasma-sprayed titanium coating on nanohydroxyapatite/polyamide66 implants in a rabbit model. <i>Scientific Reports</i> , 2021, 11, 19971.	3.3	3
22	Genetic association of the polymorphisms in apoptosis-related genes with osteoarthritis susceptibility in Chinese Han population. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 2221-2226.	0.5	0