Zhenxing Shao

List of Publications by Year
in descending order

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27 papers	920 citations	840585 11 h-index	552653 26 g-index
27 all docs	27 docs citations	27 times ranked	1366 citing authors

#	Article	IF	Citations
1	Advances in Porous Scaffold Design for Bone and Cartilage Tissue Engineering and Regeneration. Tissue Engineering - Part B: Reviews, 2019, 25, 14-29.	2.5	166
2	Polycaprolactone electrospun mesh conjugated with an MSC affinity peptide for MSC homing inÂvivo. Biomaterials, 2012, 33, 3375-3387.	5.7	143
3	A functional biphasic biomaterial homing mesenchymal stem cells for inÂvivo cartilage regeneration. Biomaterials, 2014, 35, 9608-9619.	5.7	118
4	The effects of co-delivery of BMSC-affinity peptide and rhTGF-Î²1 from coaxial electrospun scaffolds on chondrogenic differentiation. Biomaterials, 2014, 35, 5250-5260.	5.7	112
5	A composite scaffold of MSC affinity peptide-modified demineralized bone matrix particles and chitosan hydrogel for cartilage regeneration. Scientific Reports, 2015, 5, 17802.	1.6	96
6	One-Step Repair for Cartilage Defects in a Rabbit Model. American Journal of Sports Medicine, 2014, 42, 583-591.	1.9	47
7	Microfracture combined with functional pig peritoneum-derived acellular matrix for cartilage repair in rabbit models. Acta Biomaterialia, 2017, 53, 279-292.	4.1	34
8	Runx2-Modified Adipose-Derived Stem Cells Promote Tendon Graft Integration in Anterior Cruciate Ligament Reconstruction. Scientific Reports, 2016, 6, 19073.	1.6	27
9	Surface modification on polycaprolactone electrospun mesh and human decalcified bone scaffold with synovium-derived mesenchymal stem cells-affinity peptide for tissue engineering. Journal of Biomedical Materials Research - Part A, 2015, 103, 318-329.	2.1	25
10	Cryo-self-assembled silk fibroin sponge as a biodegradable platform for enzyme-responsive delivery of exosomes. Bioactive Materials, 2022, 8, 505-514.	8.6	25
11	Lack of association between the CALM1 core promoter polymorphism (-16C/T) and susceptibility to knee osteoarthritis in a Chinese Han population. BMC Medical Genetics, 2008, 9, 91.	2.1	15
12	Autologous Fractionated Adipose Tissue as a Natural Biomaterial and Novel One-Step Stem Cell Therapy for Repairing Articular Cartilage Defects. Frontiers in Cell and Developmental Biology, 2020, 8, 694.	1.8	15
13	An Arthroscopic â€œInlayâ€•Bristow Procedure With Suture Button Fixation for the Treatment of Recurrent Anterior Glenohumeral Instability: 3-Year Follow-up. American Journal of Sports Medicine, 2020, 48, 2638-2649.	1.9	12
14	Clinical and Radiographic Outcomes After Arthroscopic Inlay Bristow Surgery With Screw Versus Suture Button Fixation: A Comparative Study of 117 Patients With 3.3-Year Follow-up. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712210760.	0.8	12
15	Genetic polymorphisms of interleukin-1Î² (â^'511C/T) and interleukin-1 receptor antagonist (86-bpVNTR) in susceptibility to knee osteoarthritis in a Chinese Han population. Rheumatology International, 2009, 29, 1301-1305.	1.5	11
16	Biological Characteristics of Mesenchymal Stem Cells Grown on Different Topographical Nanofibrous Poly-L-Lactide Meshes. Journal of Biomedical Nanotechnology, 2013, 9, 1757-1767.	0.5	11
17	Cuistow: Chinese Unique Inlay Bristow. Journal of Bone and Joint Surgery - Series A, 2021, 103, 15-22.	1.4	11
18	In VivoStudy of Ligament-Bone Healing after Anterior Cruciate Ligament Reconstruction Using Autologous Tendons with Mesenchymal Stem Cells Affinity Peptide Conjugated Electrospun Nanofibrous Scaffold. Journal of Nanomaterials, 2013, 2013, 1-11.	1.5	7

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19	Clinical and Radiologic Outcomes of All-Arthroscopic Latarjet Procedure With Modified Suture Button Fixation: Excellent Bone Healing With a Low Complication Rate. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2022, 38, 2157-2165.e7.	1.3	7
20	The transplantation of particulated juvenile allograft cartilage and synovium for the repair of meniscal defect in a lapine model. Journal of Orthopaedic Translation, 2022, 33, 72-89.	1.9	6
21	Genetic polymorphism of PITX1 in susceptibility to knee osteoarthritis in a Chinese Han population: a caseâ€“control study. Rheumatology International, 2011, 31, 629-633.	1.5	5
22	CaAlg hydrogel containing bone morphogenetic protein 4-enhanced adipose-derived stem cells combined with osteochondral mosaicplasty facilitated the repair of large osteochondral defects. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3668-3678.	2.3	5
23	One-step strategy for cartilage repair using acellular bone matrix scaffold based in situ tissue engineering technique in a preclinical minipig model. American Journal of Translational Research (discontinued), 2019, 11, 6650-6659.	0.0	4
24	Arthroscopic â€œDouble-Inlayâ€•Eden-Hybinette Procedure with Modified Suture Button Fixation for the Revision of Failed Bristow-Latarjet. Arthroscopy Techniques, 2021, 10, e2619-e2625.	0.5	3
25	Histologically Confirmed Recellularization is a Key Factor that Affects Meniscal Healing in Immature and Mature Meniscal Tears. Frontiers in Cell and Developmental Biology, 2021, 9, 793820.	1.8	2
26	An Efficient â€œMâ€•shaped Suturing Technique for L-shaped Rotator Cuff Tear. Arthroscopy Techniques, 2021, 10, e1655-e1659.	0.5	1
27	A digital method of measuring cartilage defects under an arthroscope. American Journal of Translational Research (discontinued), 2020, 12, 8059-8066.	0.0	0