

Ben Wu

List of Publications by Year in descending order

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25
papers

1,524
citations

430442

18
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

1954
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of surface modification and 3D fabrication techniques to prepare patterned poly(L-lactide) substrates allowing regionally selective cell adhesion. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 89-110.	1.9	300
2	Perivascular Stem Cells: A Prospectively Purified Mesenchymal Stem Cell Population for Bone Tissue Engineering. Stem Cells Translational Medicine, 2012, 1, 510-519.	1.6	147
3	<i>In Vitro</i> Organogenesis of Liver Tissue. Annals of the New York Academy of Sciences, 1997, 831, 382-397.	1.8	142
4	Ångstrom-scale silver particle-embedded carbomer gel promotes wound healing by inhibiting bacterial colonization and inflammation. Science Advances, 2020, 6, .	4.7	119
5	Harmin enhances type H vessel formation and prevents bone loss in ovariectomized mice. Theranostics, 2018, 8, 2435-2446.	4.6	89
6	Specific Binding and Mineralization of Calcified Surfaces by Small Peptides. Calcified Tissue International, 2010, 86, 58-66.	1.5	86
7	Human umbilical cord mesenchymal stromal cells-derived extracellular vesicles exert potent bone protective effects by CLEC11A-mediated regulation of bone metabolism. Theranostics, 2020, 10, 2293-2308.	4.6	72
8	Inhibition of miR-331-3p and miR-9-5p ameliorates Alzheimer's disease by enhancing autophagy. Theranostics, 2021, 11, 2395-2409.	4.6	72
9	Extracellular Vesicles from Child Gut Microbiota Enter into Bone to Preserve Bone Mass and Strength. Advanced Science, 2021, 8, 2004831.	5.6	71
10	Extracellular vesicles from human urine-derived stem cells prevent osteoporosis by transferring CTHRC1 and OPG. Bone Research, 2019, 7, 18.	5.4	66
11	Autophagy receptor OPTN (optineurin) regulates mesenchymal stem cell fate and bone-fat balance during aging by clearing FABP3. Autophagy, 2021, 17, 2766-2782.	4.3	63
12	The Nell-1 Growth Factor Stimulates Bone Formation by Purified Human Perivascular Cells. Tissue Engineering - Part A, 2011, 17, 2497-2509.	1.6	54
13	Evaluation of Polycaprolactone Scaffold with Basic Fibroblast Growth Factor and Fibroblasts in an Athymic Rat Model for Anterior Cruciate Ligament Reconstruction. Tissue Engineering - Part A, 2015, 21, 1859-1868.	1.6	42
14	Precursor Tissue Analogs as a Tissue-Engineering Strategy. Tissue Engineering, 2003, 9, 77-89.	4.9	38
15	Fructose-coated Angstrom silver inhibits osteosarcoma growth and metastasis via promoting ROS-dependent apoptosis through the alteration of glucose metabolism by inhibiting PDK. Theranostics, 2020, 10, 7710-7729.	4.6	37
16	Neuronal Induction of Bone-Fat Imbalance through Osteocyte Neuropeptide Y. Advanced Science, 2021, 8, e2100808.	5.6	34
17	Ångstrom-Scale Silver Particles as a Promising Agent for Low-Toxicity Broad-Spectrum Potent Anticancer Therapy. Advanced Functional Materials, 2019, 29, 1808556.	7.8	29
18	Evaluation of laser spallation as a technique for measurement of cell adhesion strength. Journal of Biomedical Materials Research - Part A, 2007, 82A, 852-860.	2.1	19

#	ARTICLE	IF	CITATIONS
19	A Novel Modular Polymer Platform for the Treatment of Head and Neck Squamous Cell Carcinoma in an Animal Model <alt-title>Novel Modular Polymer Platform</alt-title>. JAMA Otolaryngology, 2012, 138, 412.	1.5	14
20	Measurement of the tensile strength of cellâ€“biomaterial interface using the laser spallation technique. Acta Biomaterialia, 2008, 4, 1657-1668.	4.1	13
21	Rapid Probing of Biological Surfaces with a Sparse-Matrix Peptide Library. PLoS ONE, 2011, 6, e23551.	1.1	7
22	Use of a Novel Polymer in an Animal Model of Head and Neck Squamous Cell Carcinoma. Otolaryngology - Head and Neck Surgery, 2018, 158, 110-117.	1.1	6
23	Effects on Hardness and Elastic Modulus for DSS-8 Peptide Treatment on Remineralization of Human Dental Tissues. Materials Research Society Symposia Proceedings, 2008, 1132, 1.	0.1	1
24	Silver Nanoparticles: Nanoscale Silver Particles as a Promising Agent for Low-Toxicity Broad-Spectrum Potent Anticancer Therapy (Adv. Funct. Mater. 23/2019). Advanced Functional Materials, 2019, 29, 1970154.	7.8	1
25	Response to Comment on: In Vivo Evaluation of Electrospun Polycaprolactone Graft for Anterior Cruciate Ligament Engineering. Tissue Eng Part A. 2015;21(7â€“8):1228â€“1236. Tissue Engineering - Part A, 2015, 21, 2776-2776.	1.6	0