Qing Wang

List of Publications by Year
in descending order

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38 papers	659 citations	759233 12 h-index	610901 24 g-index
38 all docs	38 docs citations	38 times ranked	789 citing authors

#	Article	IF	Citations
1	Low-intensity pulsed ultrasound enhances immunomodulation and facilitates osteogenesis of human periodontal ligament stem cells by inhibiting the NF-ÎºB pathway. Cell and Tissue Banking, 2023, 24, 45-58.	1.1	6
2	miR-200a-3p represses osteogenesis of human periodontal ligament stem cells by targeting ZEB2 and activating the NF-ÎºB pathway. Acta Odontologica Scandinavica, 2022, 80, 140-149.	1.6	3
3	Retinal Nerve Fiber Layer Thickness and Associations With Cognitive Impairment in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 832768.	3.4	7
4	Erythrocytes Are an Independent Protective Factor for Vascular Cognitive Impairment in Patients With Severe White Matter Hyperintensities. Frontiers in Aging Neuroscience, 2022, 14, 789602.	3.4	3
5	Parkinsonâ€™s Disease-Specific Autoantibodies against the Neuroprotective Co-Chaperone STIP1. Cells, 2022, 11, 1649.	4.1	4
6	Multimodal analysis of gene expression from postmortem brains and blood identifies synaptic vesicle trafficking genes to be associated with Parkinsonâ€™s disease. Briefings in Bioinformatics, 2021, 22, .	6.5	20
7	Fracture Nonunion Treated with Low-Intensity Pulsed Ultrasound and Monitored with Ultrasonography: A Feasibility Study. BioMed Research International, 2021, 2021, 1-5.	1.9	0
8	The Pathogenesis and Treatment of Cardiovascular Autonomic Dysfunction in Parkinsonâ€™s Disease: What We Know and Where to Go. , 2021, 12, 1675.		17
9	The role of gut dysbiosis in Parkinsonâ€™s disease: mechanistic insights and therapeutic options. Brain, 2021, 144, 2571-2593.	7.6	119
10	Cerebral Circulation Time Is a Potential Predictor of Disabling Ischemic Cerebrovascular Events in Patients With Non-disabling Middle Cerebral Artery Stenosis. Frontiers in Neurology, 2021, 12, 653752.	2.4	3
11	Automatic Segmentation of Median Nerve in Ultrasound Image by a Combined Use of U-Net and VGG16. , 2021, , .		3
12	Dl-3-n-Butylphthalide Rescues Dopaminergic Neurons in Parkinsonâ€™s Disease Models by Inhibiting the NLRP3 Inflammasome and Ameliorating Mitochondrial Impairment. Frontiers in Immunology, 2021, 12, 794770.	4.8	44
13	Radial Motion Estimation of Myocardium in Rats with Myocardial Infarction: A Hybrid Method of FNCCGLAM and Polar Transformation. Ultrasound in Medicine and Biology, 2020, 46, 3413-3425.	1.5	2
14	Focused Ultrasound Stimulates ER Localized Mechanosensitive PANNEXIN-1 to Mediate Intracellular Calcium Release in Invasive Cancer Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 504.	3.7	20
15	Regulation of immune-driven pathogenesis in Parkinsonâ€™s disease by gut microbiota. Brain, Behavior, and Immunity, 2020, 87, 890-897.	4.1	28
16	Global Tracking of Myocardial Motion in Ultrasound Sequence Images: A Feasibility Study. Mathematical Biosciences and Engineering, 2020, 17, 478-493.	1.9	4
17	Models of poststroke depression and assessments of core depressive symptoms in rodents: How to choose?. Experimental Neurology, 2019, 322, 113060.	4.1	22
18	Generation of FOS gene knockout lines from a human embryonic stem cell line using CRISPR/Cas9. Stem Cell Research, 2019, 39, 101479.	0.7	3

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19	CFTR activation suppresses glioblastoma cell proliferation, migration and invasion. Biochemical and Biophysical Research Communications, 2019, 508, 1279-1285.	2.1	13
20	Vibrio vulnificus meningoencephalitis in a patient with thalassemia and a splenectomy. Journal of NeuroVirology, 2019, 25, 127-132.	2.1	7
21	Improved graph cut model with features of superpixels and neighborhood patches for myocardium segmentation from ultrasound image. Mathematical Biosciences and Engineering, 2019, 16, 1115-1137.	1.9	11
22	Combined measurement of plasma cystatin C and low-density lipoprotein cholesterol: A valuable tool for evaluating progressive supranuclear palsy. Parkinsonism and Related Disorders, 2018, 52, 37-42.	2.2	23
23	Heat shock pretreatment of mesenchymal stem cells for inhibitingÂthe apoptosis of ovarian granulosa cells enhanced the repair effect on chemotherapy-induced premature ovarian failure. Stem Cell Research and Therapy, 2018, 9, 240.	5.5	36
24	Ultrasonography Monitoring of Trauma-Induced Heterotopic Ossification: Guidance for Rehabilitation Procedures. Frontiers in Neurology, 2018, 9, 771.	2.4	10
25	Glibenclamide Enhances the Therapeutic Benefits of Early Hypothermia after Severe Stroke in Rats. , 2018, 9, 685.		11
26	Biomechanical comparison of single- and double-bundle medial patellofemoral ligament reconstruction. Journal of Orthopaedic Surgery and Research, 2017, 12, 29.	2.3	40
27	Quantitative Analysis of Musculoskeletal Ultrasound: Techniques and Clinical Applications. BioMed Research International, 2017, 2017, 1-2.	1.9	5
28	Correlation between Pathological Characteristics and Youngâ€™s Modulus Value of Spastic Gastrocnemius in a Spinal Cord Injury Rat Model. BioMed Research International, 2017, 2017, 1-7.	1.9	8
29	Early Detection of Tibial Cartilage Degradation and Cancellous Bone Loss in an Ovariectomized Rat Model. BioMed Research International, 2017, 2017, 1-7.	1.9	2
30	Overexpression of miR-21 in stem cells improves ovarian structure and function in rats with chemotherapy-induced ovarian damage by targeting PDCD4 and PTEN to inhibit granulosa cell apoptosis. Stem Cell Research and Therapy, 2017, 8, 187.	5.5	127
31	Quantitative Ultrasound Assessment of Cartilage Degeneration in Ovariectomized Rats with Low Estrogen Levels. Ultrasound in Medicine and Biology, 2016, 42, 290-298.	1.5	7
32	Anti-catabolic effect of caffeic acid phenethyl ester, an active component of honeybee propolis on bone loss in ovariectomized mice: a micro-computed tomography study and histological analysis. Chinese Medical Journal, 2014, 127, 3932-6.	2.3	5
33	An ultrasound study of altered hydration behaviour of proteoglycan-degraded articular cartilage. BMC Musculoskeletal Disorders, 2013, 14, 289.	1.9	18
34	Ultrasound Assessment of Boundary Effect on Osmosis-Induced Shrinkage and Swelling of Articular CartilageIn Vitro. Connective Tissue Research, 2013, 54, 153-158.	2.3	1
35	Effect of Laser Acupuncture on Disuse Osteoarthritis: An Ultrasound Biomicroscopic Study of Patellar Articular Cartilage in Rats. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	1.2	2
36	The study on the mechanical characteristics of articular cartilage in simulated microgravity. Acta Mechanica Sinica/Lixue Xuebao, 2012, 28, 1488-1493.	3.4	7

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37	Ultrasound Evaluation of Site-Specific Effect of Simulated Microgravity on Articular Cartilage. Ultrasound in Medicine and Biology, 2010, 36, 1089-1097.	1.5	15
38	Finite element analysis of metatarsal deficit and reconstruction using ilium, fibula and scapula. Communications in Numerical Methods in Engineering, 2006, 22, 799-808.	1.3	3