

Dingjun Hao

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,954
citations

331670

21
h-index

302126

39
g-index

106
all docs

106
docs citations

106
times ranked

2588
citing authors

#	ARTICLE	IF	CITATIONS
1	M1 and M2 macrophage polarization and potentially therapeutic naturally occurring compounds. <i>International Immunopharmacology</i> , 2019, 70, 459-466.	3.8	204
2	Diversity analysis of gut microbiota in osteoporosis and osteopenia patients. <i>PeerJ</i> , 2017, 5, e3450.	2.0	152
3	Quercetin prevents necroptosis of oligodendrocytes by inhibiting macrophages/microglia polarization to M1 phenotype after spinal cord injury in rats. <i>Journal of Neuroinflammation</i> , 2019, 16, 206.	7.2	111
4	Overview of RAW264.7 for osteoclastogenesis study: Phenotype and stimuli. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3077-3087.	3.6	101
5	lncRNA/circRNA-miRNA-mRNA ceRNA network in lumbar intervertebral disc degeneration. <i>Molecular Medicine Reports</i> , 2019, 20, 3160-3174.	2.4	93
6	Aligned PCL Fiber Conduits Immobilized with Nerve Growth Factor Gradients Enhance and Direct Sciatic Nerve Regeneration. <i>Advanced Functional Materials</i> , 2020, 30, 2002610.	14.9	77
7	Comparison of Accuracy of Pedicle Screw Insertion Among 4 Guided Technologies in Spine Surgery. <i>Medical Science Monitor</i> , 2017, 23, 5960-5968.	1.1	69
8	Cartilage Repair and Subchondral Bone Migration Using 3D Printing Osteochondral Composites: A One-Year-Period Study in Rabbit Trochlea. <i>BioMed Research International</i> , 2014, 2014, 1-16.	1.9	67
9	SDF-1/CXCR4 axis facilitates myeloid-derived suppressor cells accumulation in osteosarcoma microenvironment and blunts the response to anti-PD-1 therapy. <i>International Immunopharmacology</i> , 2019, 75, 105818.	3.8	58
10	Identification of miR-22-3p, miR-92a-3p, and miR-137 in peripheral blood as biomarker for schizophrenia. <i>Psychiatry Research</i> , 2018, 265, 70-76.	3.3	51
11	The effect of interface microstructure on interfacial shear strength for osteochondral scaffolds based on biomimetic design and 3D printing. <i>Materials Science and Engineering C</i> , 2015, 46, 10-15.	7.3	45
12	Rare coding variants in <i>MAPK7</i> predispose to adolescent idiopathic scoliosis. <i>Human Mutation</i> , 2017, 38, 1500-1510.	2.5	39
13	A novel combination of computer-assisted reduction technique and three dimensional printed patient-specific external fixator for treatment of tibial fractures. <i>International Orthopaedics</i> , 2016, 40, 835-841.	1.9	37
14	Psoralidin suppresses osteoclastogenesis in BMMs and attenuates LPS-mediated osteolysis by inhibiting inflammatory cytokines. <i>International Immunopharmacology</i> , 2017, 51, 31-39.	3.8	35
15	Involvement of $\alpha 7$ nAChR in the Protective Effects of Genistein Against $\beta 2$ -Amyloid-Induced Oxidative Stress in Neurons via a PI3K/Akt/Nrf2 Pathway-Related Mechanism. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 377-393.	3.3	33
16	Risk factors for conservative treatment failure in acute osteoporotic vertebral compression fractures (OVCFs). <i>Archives of Osteoporosis</i> , 2019, 14, 24.	2.4	32
17	TPP ionically cross-linked chitosan/PLGA microspheres for the delivery of NGF for peripheral nerve system repair. <i>Carbohydrate Polymers</i> , 2021, 258, 117684.	10.2	30
18	Trends of epidemiological characteristics of traumatic spinal cord injury in China, 2009-2018. <i>European Spine Journal</i> , 2021, 30, 3115-3127.	2.2	29

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19	The causes and treatment strategies for the postoperative complications of occipitocervical fusion: a 316 cases retrospective analysis. <i>European Spine Journal</i> , 2014, 23, 1720-1724.	2.2	25
20	Sonic Hedgehog Effectively Improves Oct4-Mediated Reprogramming of Astrocytes into Neural Stem Cells. <i>Molecular Therapy</i> , 2019, 27, 1467-1482.	8.2	25
21	Minimally invasive percutaneous plate osteosynthesis versus intramedullary nail fixation for distal tibial fractures: a systematic review and meta-analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 456.	2.3	24
22	Therapeutic effect of kyphoplasty and balloon vertebroplasty on osteoporotic vertebral compression fracture. <i>Medicine (United States)</i> , 2019, 98, e17810.	1.0	24
23	Transplantation of activated olfactory ensheathing cells by curcumin strengthens regeneration and recovery of function after spinal cord injury in rats. <i>Cytotherapy</i> , 2020, 22, 301-312.	0.7	23
24	Exosomes derived from olfactory ensheathing cells provided neuroprotection for spinal cord injury by switching the phenotype of macrophages/microglia. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	7.1	22
25	Generation of functional dopaminergic neurons from human spermatogonial stem cells to rescue parkinsonian phenotypes. <i>Stem Cell Research and Therapy</i> , 2019, 10, 195.	5.5	21
26	The promoting effects of activated olfactory ensheathing cells on angiogenesis after spinal cord injury through the PI3K/Akt pathway. <i>Cell and Bioscience</i> , 2022, 12, 23.	4.8	20
27	Positive feedback loop SP1/MIR17HG/miR-130a-3p promotes osteosarcoma proliferation and cisplatin resistance. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 739-745.	2.1	19
28	Macrophages in Bone Homeostasis. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 474-481.	1.3	19
29	Anterior versus posterior surgical approach for lumbosacral tuberculosis. <i>Journal of International Medical Research</i> , 2018, 46, 2569-2577.	1.0	17
30	Circular RNA circNRIP1 plays oncogenic roles in the progression of osteosarcoma. <i>Mammalian Genome</i> , 2021, 32, 448-456.	2.2	16
31	Clinical outcome of posterior C1-C2 pedicle screw fixation and fusion for atlantoaxial instability: A retrospective study of 86 patients. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 47-50.	1.5	15
32	Epidemiological characteristics of traumatic spinal cord injury in Xi'an, China. <i>Spinal Cord</i> , 2021, 59, 804-813.	1.9	15
33	Cause Analysis of Open Surgery Used After Percutaneous Vertebroplasty and Kyphoplasty. <i>Medical Science Monitor</i> , 2016, 22, 2595-2601.	1.1	14
34	Current Study of the Detection and Treatment Targets of Spinal Tuberculosis. <i>Current Drug Targets</i> , 2020, 21, 320-327.	2.1	14
35	ACDF vs TDR for patients with cervical spondylosis – an 8-year follow up study. <i>BMC Surgery</i> , 2017, 17, 113.	1.3	13
36	Dermorphin [D-Arg2, Lys4] (1-4) amide inhibits below-level heat hypersensitivity in mice after contusive thoracic spinal cord injury. <i>Pain</i> , 2019, 160, 2710-2723.	4.2	13

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37	Emodin Impairs Radioresistance of Human Osteosarcoma Cells by Suppressing Sonic Hedgehog Signaling. <i>Medical Science Monitor</i> , 2017, 23, 5767-5773.	1.1	13
38	High doses of dexamethasone induce endoplasmic reticulum stress-mediated apoptosis by promoting calcium ion influx-dependent CHOP expression in osteoblasts. <i>Molecular Biology Reports</i> , 2021, 48, 7841-7851.	2.3	13
39	Mesenchymal stem cells regulate inflammatory milieu within degenerative nucleus pulposus cells via p38 MAPK pathway. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	1.8	13
40	MYC inhibition reprograms tumor immune microenvironment by recruiting T lymphocytes and activating the CD40/CD40L system in osteosarcoma. <i>Cell Death Discovery</i> , 2022, 8, 117.	4.7	13
41	Exosomal miR-9-5p derived from BMSCs alleviates apoptosis, inflammation and endoplasmic reticulum stress in spinal cord injury by regulating the HDAC5/FGF2 axis. <i>Molecular Immunology</i> , 2022, 145, 97-108.	2.2	13
42	Upregulation of microRNA-370 facilitates the repair of amputated fingers through targeting forkhead box protein O1. <i>Experimental Biology and Medicine</i> , 2016, 241, 282-289.	2.4	12
43	Blockade of IL-6 alleviates bone loss induced by modeled microgravity in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 678-683.	1.4	12
44	Activation of Sonic Hedgehog Signaling Is Associated with Human Osteosarcoma Cells Radioresistance Characterized by Increased Proliferation, Migration, and Invasion. <i>Medical Science Monitor</i> , 2018, 24, 3764-3771.	1.1	12
45	A Comparative Study of C2 Pedicle or Pars Screw Placement with Assistance from a 3-Dimensional (3D)-Printed Navigation Template versus C-Arm Based Navigation. <i>Medical Science Monitor</i> , 2019, 25, 9981-9990.	1.1	12
46	Proteomic profiling analysis of postmenopausal osteoporosis and osteopenia identifies potential proteins associated with low bone mineral density. <i>PeerJ</i> , 2020, 8, e9009.	2.0	12
47	Radiological and Clinical Differences between Tinavi Orthopedic Robot and O-Arm Navigation System in Thoracolumbar Screw Implantation for Reconstruction of Spinal Stability. <i>Medical Science Monitor</i> , 2020, 26, e924770.	1.1	12
48	Bioinformatics analysis of genetic variants of endoplasmic reticulum aminopeptidase 1 in ankylosing spondylitis. <i>Molecular Medicine Reports</i> , 2017, 16, 6532-6543.	2.4	11
49	Application of Gelatin Sponge Impregnated with a Mixture of 3 Drugs to Intraoperative Nerve Root Block Combined with Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery in the Treatment of Adult Degenerative Scoliosis: A Clinical Observation Including 96 Patients. <i>World Neurosurgery</i> . 2017, 108, 791-797.	1.3	11
50	<p>Bracing after percutaneous vertebroplasty for thoracolumbar osteoporotic vertebral compression fractures was not effective<p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 265-270.	2.9	11
51	Surgical options for symptomatic old osteoporotic vertebral compression fractures: a retrospective study of 238 cases. <i>BMC Surgery</i> , 2021, 21, 22.	1.3	11
52	Psychometric Properties of the Chinese Version of the Sarcopenia and Quality of Life, a Quality of Life Questionnaire Specific for Sarcopenia. <i>Calcified Tissue International</i> , 2021, 109, 415-422.	3.1	11
53	Full-Endoscopic Posterior Lumbar Interbody Fusion with Epidural Anesthesia: Technical Note and Initial Clinical Experience with One-Year Follow-Up. <i>Journal of Pain Research</i> , 2021, Volume 14, 3815-3826.	2.0	11
54	Morphological studies of cartilage endplates in subaxial cervical region. <i>European Spine Journal</i> , 2016, 25, 2218-2222.	2.2	10

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55	Intramedullary Tuberculoma Combined with Abscess: Case Report and Literature Review. <i>World Neurosurgery</i> , 2016, 89, 726.e1-726.e4.	1.3	10
56	Effects of sacral nerve electrical stimulation on 5-HT and 5-HT ₃ AR/5-HT ₄ R levels in the colon and sacral cord of acute spinal cord injury rat models. <i>Molecular Medicine Reports</i> , 2020, 22, 763-773.	2.4	10
57	Mini-review: Functions and Action Mechanisms of PQQ in Osteoporosis and Neuro Injury. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 32-36.	1.3	9
58	Orai1 Promotes Osteosarcoma Metastasis by Activating the Ras-Rac1-WAVE2 Signaling Pathway. <i>Medical Science Monitor</i> , 2019, 25, 9227-9236.	1.1	8
59	Current Study of Medicinal Chemistry for Treating Spinal Tuberculosis. <i>Current Medicinal Chemistry</i> , 2021, 28, 5201-5212.	2.4	7
60	Cellular study of the LPS-induced osteoclastic multinucleated cell formation from RAW264.7 cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 421-428.	4.1	6
61	Overexpression of FES might inhibit cell proliferation, migration, and invasion of osteosarcoma cells. <i>Cancer Cell International</i> , 2020, 20, 102.	4.1	6
62	Biomechanical effects of bone cement volume on the endplates of augmented vertebral body: a three-dimensional finite element analysis. <i>Chinese Medical Journal</i> , 2014, 127, 79-84.	2.3	6
63	Oblique Lateral Interbody Fusion with Anterolateral Screw Fixation Is as Effective as with Posterior Percutaneous Pedicle Screw Fixation in Treating Single-Segment Mild Degenerative Lumbar Diseases. <i>Medical Science Monitor</i> , 2022, 28, e934985.	1.1	6
64	Therapeutic efficacy of Transpedicular Intracorporeal cement augmentation with short segmental posterior instrumentation in treating osteonecrosis of the vertebral body: a retrospective case series with a minimum 5-year follow-up. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 305.	1.9	5
65	Assessment of interleukin 6 gene polymorphisms with rheumatoid arthritis. <i>Gene</i> , 2021, 765, 145070.	2.2	5
66	Puerarin for OVX-Induced Postmenopausal Osteoporosis in Murine Model: Systematic Review and Meta-Analysis. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 37-42.	1.3	5
67	Spermatogonial stem cells are a promising and pluripotent cell source for regenerative medicine. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 7048-7059.	0.0	5
68	An innovative technique for osteoporotic vertebral compression fractures – vertebral osteotome with side-opening cannula. <i>Journal of Pain Research</i> , 2018, Volume 11, 1905-1913.	2.0	4
69	Radiological and clinical differences between robotic-assisted pedicle screw fixation with and without real-time optical tracking. <i>European Spine Journal</i> , 2021, 30, 142-150.	2.2	4
70	A novel bone cement screw system combined with vertebroplasty for the treatment of Kummell disease with bone deficiency at the vertebral anterior border: A minimum 3-year follow-up study. <i>Clinical Neurology and Neurosurgery</i> , 2021, 201, 106434.	1.4	4
71	Perioperative Halo-Gravity Traction in the Treatment of Scoliosis with Intraspinous Anomalies. <i>World Neurosurgery</i> , 2020, 140, e219-e224.	1.3	3
72	Intraoperative anti-inflammatory drugs combined with no drainage after MIS-TLIF in the treatment of recurrent lumbar disc herniation: an RCT. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 20.	2.3	3

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73	A modified method to treat severe asymptomatic pre-existing degeneration of adjacent segment: a retrospective case-control study. <i>BMC Surgery</i> , 2021, 21, 161.	1.3	3
74	Pain Location Is Associated with Fracture Type in Acute Osteoporotic Thoracolumbar Vertebral Fracture: A Prospective Observational Study. <i>Pain Medicine</i> , 2022, 23, 263-268.	1.9	3
75	Challenges in the Management of Pregnancy and Lactation Associated Osteoporosis: Literature Review and Retrospective Study. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 688-694.	1.3	3
76	Biomechanical effects of direction-changeable cage positions on lumbar spine: a finite element study. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 389-396.	0.0	3
77	Association between <i>MIR31HG</i> polymorphisms and the risk of Lumbar disc herniation in Chinese Han population. <i>Cell Cycle</i> , 0, , 1-12.	2.6	3
78	The Regulation of E3 Ubiquitin Ligases Cbl and its Cross-talking in Bone Homeostasis. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 683-687.	1.3	2
79	Overview of Therapeutic Effects of Statins on Inflammatory Diseases Through Regulating Adhesive Molecules. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 614-622.	1.3	2
80	Direction-changeable cage reduces X-ray exposure in treating isthmic lumbar spondylolisthesis: a retrospective study. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 1066-1072.	0.0	2
81	Parathyroid hormone enhances gap healing and osseointegration in orthopedic porous coated titanium implants: a correlative micro-computed tomographic, histomorphometric and biomechanical analysis. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 17.	1.9	2
82	A time-course microarray data analysis reveals consistent dysregulated genes and upstream microRNAs in autoantibody-mediated arthritis. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 186.	2.3	1
83	Application of transforaminal lumbar interbody fusion technology combined with lesion clearance and chemotherapy via catheter for the treatment of spinal tuberculosis. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 57-62.	1.8	1
84	Letter to the editor regarding "Sarcopenia predicts perioperative adverse events following complex revision surgery for the thoracolumbar spine" by Hirase, et al. <i>Spine Journal</i> , 2021, 21, 1955.	1.3	1
85	C1-ring osteosynthesis versus C1-2 fixation fusion in the treatment of unstable atlas fractures: a multicenter, prospective, randomized controlled study with 5-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 157-165.	1.7	1
86	Orai1 downregulation causes proliferation reduction and cell cycle arrest via inactivation of the Ras-NF- κ B signaling pathway in osteoblasts. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 347.	1.9	1
87	Severe vertebra collapse due to vertebra osteonecrosis after percutaneous vertebroplasty. <i>Spine Journal</i> , 2016, 16, e13-e14.	1.3	0
88	Great Hospitals of Asia: Neurosurgery and Spine Surgery at Xi'an Jiaotong University-Affiliated Honghui Hospital. <i>World Neurosurgery</i> , 2018, 116, 370-377.	1.3	0
89	Letter to the editor concerning "Sarcopenia, but not frailty, predicts early mortality and adverse events after emergent surgery for metastatic disease of the spine" by Bourassa-Moreau E, et al. (<i>Spine J.</i>) <i>Tj ETQq</i> 1.3 0.78431 4 rgBT	1.3	0
90	In Reply to the Letter to the Editor Regarding "Accuracy of Pedicle Screw Insertion Among 3 Image-Guided Navigation Systems: A Systematic Review and Meta-Analysis" • <i>World Neurosurgery</i> , 2020, 138, 598-599.	1.3	0

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91	Quantification evaluation of structural autograft versus morcellized fragments autograft in patients who underwent single-level lumbar laminectomy. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1803-1807.	1.8	0
92	KumaFix fixation for thoracolumbar burst fractures: a prospective study on selective consecutive patients. <i>Chinese Medical Journal</i> , 2014, 127, 2001-6.	2.3	0
93	Case series of unilateral biportal endoscopic-assisted transforaminal lumbar interbody fusion in the treatment of recurrent lumbar disc herniation.. <i>American Journal of Translational Research (discontinued)</i> , 2022, 14, 2383-2392.	0.0	0