

Min Dai

List of Publications by Year in descending order

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78
papers

964
citations

430874

18
h-index

552781

26
g-index

87
all docs

87
docs citations

87
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	Key Triggers of Osteoclast-Related Diseases and Available Strategies for Targeted Therapies: A Review. <i>Frontiers in Medicine</i> , 2017, 4, 234.	2.6	108
2	Comparison of D-dimer with CRP and ESR for diagnosis of periprosthetic joint infection. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 240.	2.3	53
3	Efficacy and Safety of Posterior Versus Combined Posterior and Anterior Approach for the Treatment of Spinal Tuberculosis: A Meta-Analysis. <i>World Neurosurgery</i> , 2015, 83, 1157-1165.	1.3	38
4	Icariin inhibits RANKL-induced osteoclastogenesis via modulation of the NF- κ B and MAPK signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 902-906.	2.1	37
5	Celastrol induces apoptosis of human osteosarcoma cells via the mitochondrial apoptotic pathway. <i>Oncology Reports</i> , 2015, 34, 1129-1136.	2.6	36
6	Correlation between facet tropism and lumbar degenerative disease: a retrospective analysis. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 483.	1.9	33
7	Risk factors for acute surgical site infections after lumbar surgery: a retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 116.	2.3	32
8	Safety and efficacy of antibiotic prophylaxis in patients undergoing elective laparoscopic cholecystectomy: A systematic review and meta-analysis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016, 31, 921-928.	2.8	30
9	Lanthanum Chloride Attenuates Osteoclast Formation and Function Via the Downregulation of Rankl-Induced Nf- κ b and Nfatc1 Activities. <i>Journal of Cellular Physiology</i> , 2016, 231, 142-151.	4.1	29
10	Celastrol negatively regulates cell invasion and migration ability of human osteosarcoma via downregulation of the PI3K/Akt/NF- κ B signaling pathway in vitro. <i>Oncology Letters</i> , 2016, 12, 3423-3428.	1.8	26
11	Let-7a suppresses macrophage infiltrations and malignant phenotype of Ewing sarcoma via STAT3/NF- κ B positive regulatory circuit. <i>Cancer Letters</i> , 2016, 374, 192-201.	7.2	26
12	The correlation between radiographic and pathologic grading of lumbar facet joint degeneration. <i>BMC Medical Imaging</i> , 2016, 16, 27.	2.7	25
13	High-heeled-related alterations in the static sagittal profile of the spino-pelvic structure in young women. <i>European Spine Journal</i> , 2015, 24, 1274-1281.	2.2	24
14	Risk Factors for Metastasis at Initial Diagnosis With Ewing Sarcoma. <i>Frontiers in Oncology</i> , 2019, 9, 1043.	2.8	24
15	Correlations between the feature of sagittal spinopelvic alignment and facet joint degeneration: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 341.	1.9	23
16	Double-level lumbar spondylolysis and spondylolisthesis: A retrospective study. <i>Journal of Orthopaedic Surgery and Research</i> , 2018, 13, 55.	2.3	23
17	Correlation between the sagittal spinopelvic alignment and degenerative lumbar spondylolisthesis: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 151.	1.9	22
18	Bergapten suppresses RANKL-induced osteoclastogenesis and ovariectomy-induced osteoporosis via suppression of NF- κ B and JNK signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 329-334.	2.1	19

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19	Glucocalyxin A suppresses osteoclastogenesis induced by RANKL and osteoporosis induced by ovariectomy by inhibiting the NF- κ B and Akt pathways. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114176.	4.1	17
20	Adiponectin inhibits osteoclastogenesis by suppressing NF- κ B and p38 signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2075-2082.	2.1	14
21	Expression of PADI4 in patients with ankylosing spondylitis and its role in mediating the effects of TNF- α on the proliferation and osteogenic differentiation of human mesenchymal stem cells. <i>International Journal of Molecular Medicine</i> , 2015, 36, 565-570.	4.0	13
22	The Beneficial Effects of Bisphosphonate-enoxacin on Cortical Bone Mass and Strength in Ovariectomized Rats. <i>Frontiers in Pharmacology</i> , 2017, 8, 355.	3.5	13
23	miR-30d inhibits cell biological progression of Ewing's sarcoma by suppressing the MEK/ERK and PI3K/Akt pathways <i>in vitro</i> . <i>Oncology Letters</i> , 2018, 15, 4390-4396.	1.8	13
24	Comparative study of lateral condyle fracture with or without posteromedial elbow dislocation in children. <i>International Orthopaedics</i> , 2018, 42, 619-624.	1.9	12
25	Toosendanin induces the apoptosis of human Ewing's sarcoma cells via the mitochondrial apoptotic pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 135-140.	2.4	12
26	MicroRNA-487b-3p inhibits osteosarcoma chemoresistance and metastasis by targeting ALDH1A3. <i>Oncology Reports</i> , 2020, 44, 2691-2700.	2.6	12
27	Bisphosphonate-enoxacin inhibit osteoclast formation and function by abrogating RANKL-induced JNK signalling pathways during osteoporosis treatment. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10126-10139.	3.6	12
28	LIM Mineralization Protein-1 Inhibits the Malignant Phenotypes of Human Osteosarcoma Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7037-7048.	4.1	11
29	Effects of baicalein on proliferation, apoptosis, migration and invasion of Ewing's sarcoma cells. <i>International Journal of Oncology</i> , 2017, 51, 1785-1792.	3.3	11
30	ABT-737 potentiates cisplatin-induced apoptosis in human osteosarcoma cells via the mitochondrial apoptotic pathway. <i>Oncology Reports</i> , 2017, 38, 2301-2308.	2.6	11
31	LncRNA TUG1 promotes Ewing's sarcoma cell proliferation, migration, and invasion via the miR-199a-3p-MSI2 signaling pathway. <i>Neoplasma</i> , 2021, 68, 590-601.	1.6	11
32	Aneurysmal bone cyst secondary to a giant cell tumor of the patella: A case report. <i>Oncology Letters</i> , 2016, 11, 1481-1485.	1.8	10
33	Analysis of Risk Factors for Non-union After Surgery for Limb Fractures: A Case-Control Study of 669 Subjects. <i>Frontiers in Surgery</i> , 2021, 8, 754150.	1.4	10
34	A SEER-based nomogram accurately predicts prognosis in Ewing's sarcoma. <i>Scientific Reports</i> , 2021, 11, 22723.	3.3	9
35	Pseudomyogenic hemangioendothelioma secondary to fibrous dysplasia of the left lower extremity in a 14-year-old female: a case report. <i>World Journal of Surgical Oncology</i> , 2016, 14, 198.	1.9	8
36	Primary osteosarcoma in elderly patients: A report of three cases. <i>Oncology Letters</i> , 2019, 18, 990-996.	1.8	8

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37	A comparison of monoaxial pedicle screw versus polyaxial pedicle screw in short-segment posterior fixation for the treatment of thoracolumbar fractured vertebra. <i>Annals of Translational Medicine</i> , 2021, 9, 669-669.	1.7	8
38	Laparoscopic versus open radical resection for transverse colon cancer: evidence from multi-center databases. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 1435-1441.	2.4	7
39	Synovial lipomatosis of the metatarsophalangeal joint: A case report. <i>Oncology Letters</i> , 2016, 11, 2131-2133.	1.8	6
40	Inhibitory Effects of Lanthanum Chloride on Wear Particle-Induced Osteolysis in a Mouse Calvarial Model. <i>Biological Trace Element Research</i> , 2016, 169, 303-309.	3.5	6
41	In vivo dynamic motion characteristics of the lower lumbar spine: L4-L5 lumbar degenerative disc diseases undergoing unilateral or bilateral pedicle screw fixation combined with TLIF. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 171.	2.3	6
42	Epidemiology and Drug Resistance Analysis of Mixed Infection in Orthopedic Surgical Sites. <i>Surgical Infections</i> , 2020, 21, 465-471.	1.4	6
43	Celastrol Attenuates RANKL-Induced Osteoclastogenesis in vitro and Reduces Titanium Particle-Induced Osteolysis and Ovariectomy-Induced Bone Loss in vivo. <i>Frontiers in Pharmacology</i> , 2021, 12, 682541.	3.5	6
44	Vindoline Attenuates Osteoarthritis Progression Through Suppressing the NF- κ B and ERK Pathways in Both Chondrocytes and Subchondral Osteoclasts. <i>Frontiers in Pharmacology</i> , 2021, 12, 764598.	3.5	6
45	Giant extra-articular synovial osteochondromatosis of the left proximal thigh: A case report. <i>Oncology Letters</i> , 2015, 10, 3577-3580.	1.8	5
46	Misdiagnosis of pathological femoral fracture in a patient with intramuscular hemangioma: A case report. <i>Oncology Letters</i> , 2016, 12, 195-198.	1.8	5
47	Inhibitory effect of <i>MSH6</i> gene silencing in combination with cisplatin on cell proliferation of human osteosarcoma cell line MG63. <i>Journal of Cellular Physiology</i> , 2019, 234, 9358-9369.	4.1	5
48	Dexmedetomidine suppresses the development of abdominal aortic aneurysm by downregulating the microRNA-21/PDCD 4 axis. <i>International Journal of Molecular Medicine</i> , 2021, 47, .	4.0	5
49	A Bone-Targeting Enoxacin Delivery System to Eradicate Staphylococcus Aureus-Related Implantation Infections and Bone Loss. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 749910.	4.1	5
50	Exosomal CTCF Confers Cisplatin Resistance in Osteosarcoma by Promoting Autophagy via the IGF2-AS/miR-579-3p/MSH6 Axis. <i>Journal of Oncology</i> , 2022, 2022, 1-18.	1.3	5
51	Aneurysmal bone cyst of the metatarsal: A case report. <i>Oncology Letters</i> , 2016, 12, 2769-2771.	1.8	4
52	Overexpression of microRNA-155 alleviates palmitate-induced vascular endothelial cell injury in human umbilical vein endothelial cells by negatively regulating the Wnt signaling pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 3527-3534.	2.4	4
53	Efficacy of celastrol combined with cisplatin in enhancing the apoptosis of U2OS osteosarcoma cells via the mitochondrial and endoplasmic reticulum pathways of apoptosis. <i>Oncology Letters</i> , 2019, 17, 3305-3313.	1.8	4
54	Risk factors for cage retraction after transforaminal lumbar interbody fusion in older patients. <i>Annals of Translational Medicine</i> , 2020, 8, 1660-1660.	1.7	4

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55	Use of Saikosaponin D and JNK inhibitor SP600125, alone or in combination, inhibits malignant properties of human osteosarcoma U2 cells. American Journal of Translational Research (discontinued), 2019, 11, 2070-2080.	0.0	4
56	Synovial osteochondromatosis of the wrist joint: A case report. Oncology Letters, 2016, 11, 1819-1822.	1.8	3
57	Beclin-1 knockdown decreases proliferation, invasion and migration of Ewing sarcoma SK-ES-1 cells via inhibition of MMP-9. Oncology Letters, 2017, 15, 3221-3225.	1.8	3
58	Giant sacrococcygeal chordoma. Medicine (United States), 2018, 97, e13748.	1.0	3
59	Incorporation of cerium oxide into zirconia toughened alumina ceramic promotes osteogenic differentiation and osseointegration. Journal of Biomaterials Applications, 2022, 36, 976-984.	2.4	3
60	Spinal Tuberculosis: Always Understand, Often Prevent, Sometime Cure. Neurospine, 2021, 18, 648-650.	2.9	3
61	Enoxacin inhibits proliferation and invasion of human osteosarcoma cells and reduces bone tumour volume in a murine xenograft model. Oncology Letters, 2020, 20, 1400-1408.	1.8	3
62	A rare case of pure primary hemangioma of the scapula: A case report. Oncology Letters, 2015, 10, 2265-2268.	1.8	2
63	Misdiagnosis of primary pleomorphic rhabdomyosarcoma of the right thigh in a young adult: A case report. Oncology Letters, 2016, 12, 1921-1924.	1.8	2
64	A giant neurothekeoma of the left shoulder blade: A case report. Oncology Letters, 2016, 11, 1130-1134.	1.8	2
65	Expression of adiponectin in the subchondral bone of lumbar facet joints with different degrees of degeneration. BMC Musculoskeletal Disorders, 2017, 18, 427.	1.9	2
66	Expression and effects of leukemia inhibitory factor on nucleus pulposus degeneration. Molecular Medicine Reports, 2019, 19, 2377-2385.	2.4	2
67	The Role of Chemotherapy in the Survival Benefits of Patients Aged Older Than 40 Years With Osteosarcoma. Technology in Cancer Research and Treatment, 2021, 20, 153303382110661.	1.9	2
68	A web-based calculator for predicting the prognosis of patients with sarcoma on the basis of antioxidant gene signatures. Aging, 2022, 14, .	3.1	2
69	Lipopolysaccharide-Induced lncRNA TMC3-AS1 is Highly Expressed in Osteoporosis and Promotes Osteoblast Apoptosis by Suppressing the Formation of Mature miR-708. International Journal of General Medicine, 2022, Volume 15, 3345-3352.	1.8	2
70	A single-component and hemi-hip prosthesis followed up for 43 years. Medicine (United States), 2019, 98, e14563.	1.0	1
71	Giant atypical lipomatous tumor/well-differentiated liposarcoma affects lower limb activity. Medicine (United States), 2019, 98, e17619.	1.0	1
72	ÅRare case of giant osteoblastoma of the sacrum. Der Orthopade, 2019, 48, 343-347.	1.6	1

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73	An integrative pan-cancer analysis reveals the oncogenic role of mutS homolog 6 (MSH6) in human tumors. <i>Aging</i> , 2021, 13, 25271-25290.	3.1	1
74	Recurrent multiple neurofibromatosis type 1 of the right lower limb. <i>Der Orthopade</i> , 2018, 47, 254-260.	1.6	0
75	Using the Saphenous Artery and Great Saphenous Vein Combined with Anterolateral Thigh Flap to Treat Skin Defects after Amputation. <i>Journal of Reconstructive Microsurgery Open</i> , 2018, 03, e70-e73.	0.2	0
76	Development and validation of a nomogram for predicting the probability of nontraumatic osteonecrosis of the femoral head in Chinese population. <i>Scientific Reports</i> , 2020, 10, 20660.	3.3	0
77	An Intraoperative Trajectory-Determined Strategy of Patient-Specific Drill Template for C2 Transoral Pedicle Insertion in Incomplete Reduction of Atlantoaxial Dislocation: An In Vitro Study. <i>Orthopaedic Surgery</i> , 2021, 13, 1646-1653.	1.8	0
78	Overexpression of BNIP3 in rat intervertebral disk cells triggers autophagy and apoptosis. <i>Archives of Biological Sciences</i> , 2022, 74, 135-145.	0.5	0