

Wanchun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,301
citations

361045

20
h-index

433756

31
g-index

86
all docs

86
docs citations

86
times ranked

1851
citing authors

#	ARTICLE	IF	CITATIONS
1	SOX2OT variant 7 contributes to the synergistic interaction between EGCG and Doxorubicin to kill osteosarcoma via autophagy and stemness inhibition. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 37.	3.5	84
2	Green tea polyphenol EGCG suppresses osteosarcoma cell growth through upregulating miR-1. <i>Tumor Biology</i> , 2016, 37, 4373-4382.	0.8	73
3	NEAT1/miR-181c Regulates Osteopontin (OPN)-Mediated Synoviocyte Proliferation in Osteoarthritis. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3775-3784.	1.2	64
4	Targeted delivery of hesperetin to cartilage attenuates osteoarthritis by bimodal imaging with Gd ₂ (CO ₃) ₃ @PDA nanoparticles via TLR-2/NF- κ B/Akt signaling. <i>Biomaterials</i> , 2019, 205, 50-63.	5.7	62
5	An extensive review regarding the adipokines in the pathogenesis and progression of osteoarthritis. <i>Cytokine</i> , 2019, 113, 1-12.	1.4	51
6	Role of Autophagy in Tumor Necrosis Factor- α -Induced Apoptosis of Osteoblast Cells. <i>Journal of Investigative Medicine</i> , 2017, 65, 1014-1020.	0.7	45
7	The crosstalk between lncRNAs and the Hippo signalling pathway in cancer progression. <i>Cell Proliferation</i> , 2020, 53, e12887.	2.4	39
8	lncRNA Sox2OT-V7 promotes doxorubicin-induced autophagy and chemoresistance in osteosarcoma via tumor-suppressive miR-142/miR-22. <i>Aging</i> , 2020, 12, 6644-6666.	1.4	37
9	Hesperetin Prevents Bone Resorption by Inhibiting RANKL-Induced Osteoclastogenesis and Jnk Mediated Irf-3/c-Jun Activation. <i>Frontiers in Pharmacology</i> , 2018, 9, 1028.	1.6	36
10	Emerging landscape of circular RNAs as biomarkers and pivotal regulators in osteosarcoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 9037-9058.	2.0	36
11	Patients' risk factors for periprosthetic joint infection in primary total hip arthroplasty: a meta-analysis of 40 studies. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 776.	0.8	35
12	miR-223/Hsp70/JNK/JUN/miR-223 feedback loop modulates the chemoresistance of osteosarcoma to cisplatin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 827-834.	1.0	33
13	Prognostic significance of matrix metalloproteinase 9 expression in osteosarcoma. <i>Medicine (United States)</i> 107(1):1-10. doi:10.1097/MD.0000000000000911	0.78	31
14	Multifaceted Functions and Novel Insight Into the Regulatory Role of RNA N6-Methyladenosine Modification in Musculoskeletal Disorders. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 870.	1.8	31
15	Isovitexin Suppresses Cancer Stemness Property And Induces Apoptosis Of Osteosarcoma Cells By Disruption Of The DNMT1/miR-34a/Bcl-2 Axis. <i>Cancer Management and Research</i> , 2019, Volume 11, 8923-8936.	0.9	30
16	Therapeutic effect of palbociclib in chondrosarcoma: implication of cyclin-dependent kinase 4 as a potential target. <i>Cell Communication and Signaling</i> , 2019, 17, 17.	2.7	28
17	Bilaterally primary cementless total hip arthroplasty in patients with ankylosing spondylitis. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 344.	0.8	27
18	Interleukin-6 inhibits voltage-gated sodium channel activity of cultured rat spinal cord neurons. <i>Acta Neuropsychiatrica</i> , 2014, 26, 170-177.	1.0	26

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19	Circular RNAs in osteoarthritis: indispensable regulators and novel strategies in clinical implications. <i>Arthritis Research and Therapy</i> , 2021, 23, 23.	1.6	25
20	Cannabinoid WIN-55,212-2 mesylate inhibits ADAMTS-4 activity in human osteoarthritic articular chondrocytes by inhibiting expression of syndecan-1. <i>Molecular Medicine Reports</i> , 2016, 13, 4569-4576.	1.1	22
21	The Value of LncRNA BCAR4 as a Prognostic Biomarker on Clinical Outcomes in Human Cancers. <i>Journal of Cancer</i> , 2019, 10, 5992-6002.	1.2	22
22	The Association of eNOS Gene Polymorphism with Avascular Necrosis of Femoral Head. <i>PLoS ONE</i> , 2014, 9, e87583.	1.1	21
23	Actin-like protein 6A is a novel prognostic indicator promoting invasion and metastasis in osteosarcoma. <i>Oncology Reports</i> , 2017, 37, 2405-2417.	1.2	21
24	The prognostic value of long noncoding RNA SNHG16 on clinical outcomes in human cancers: a systematic review and meta-analysis. <i>Cancer Cell International</i> , 2019, 19, 261.	1.8	20
25	Serpine2 promotes multiple cell proliferation and drug resistance in osteosarcoma. <i>Molecular Medicine Reports</i> , 2016, 14, 881-887.	1.1	18
26	The relationship between the expression of Ki-67 and the prognosis of osteosarcoma. <i>BMC Cancer</i> , 2021, 21, 210.	1.1	18
27	Diagnostic and Prognostic Significance of Dysregulated Expression of Circular RNAs in Osteosarcoma. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 235-244.	1.5	17
28	The DNMT1/miR-34a Axis Is Involved in the Stemness of Human Osteosarcoma Cells and Derived Stem-Like Cells. <i>Stem Cells International</i> , 2019, 2019, 1-20.	1.2	16
29	Fixed- versus mobile-bearing unicompartmental knee arthroplasty: a meta-analysis. <i>Scientific Reports</i> , 2020, 10, 19075.	1.6	16
30	Expression and prognosis analyses of BUB1, BUB1B and BUB3 in human sarcoma. <i>Aging</i> , 2021, 13, 12395-12409.	1.4	16
31	Expression and Prognostic Value of MCM Family Genes in Osteosarcoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 668402.	1.6	16
32	The current progress in understanding the molecular functions and mechanisms of visfatin in osteoarthritis. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 485-490.	1.3	15
33	A Novel Peptide from <i>Vespa ducalis</i> Induces Apoptosis in Osteosarcoma Cells by Activating the p38 MAPK and JNK Signaling Pathways. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 458-464.	0.6	15
34	Epidemiological and clinical features of 201 COVID-19 patients in Changsha city, Hunan, China. <i>Medicine (United States)</i> , 2020, 99, e21824.	0.4	15
35	Association between PTEN and clinical-pathological features of osteosarcoma. <i>Bioscience Reports</i> , 2019, 39, .	1.1	14
36	Prognostic and clinicopathologic significance of long non-coding RNA opa-interacting protein 5-antisense RNA 1 in multiple human cancers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 353-361.	1.9	14

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37	MicroRNA-19a-3p promotes rheumatoid arthritis fibroblast-like synoviocytes via targeting SOCS3. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11624-11632.	1.2	13
38	Finite element prediction of contact pressures in cam-type femoroacetabular impingement with varied alpha angles. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017, 20, 294-301.	0.9	12
39	Treatment of Crowe IV developmental dysplasia of the hip with cementless total hip arthroplasty and shortening subtrochanteric osteotomy. <i>Journal of International Medical Research</i> , 2019, 47, 3223-3233.	0.4	12
40	The predictive value of lncRNA MIR31HG expression on clinical outcomes in patients with solid malignant tumors. <i>Cancer Cell International</i> , 2020, 20, 115.	1.8	12
41	Knockdown of long non-coding RNA KCNQ1OT1 suppresses the progression of osteoarthritis by mediating the miR-211-5p/TCF4 axis <i>in vitro</i> . <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 455.	0.8	11
42	The disappearance of femoral head and neck resulting from extensive bone defect caused by secondary syphilis: a case report and literature review. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 251.	0.8	9
43	BTF3 Silencing Inhibits the Proliferation of Osteosarcoma Cells. <i>Journal of Cancer</i> , 2019, 10, 1855-1861.	1.2	9
44	The prognostic role of CD133 expression in patients with osteosarcoma. <i>Clinical and Experimental Medicine</i> , 2020, 20, 261-267.	1.9	9
45	Prognosis and Immune Infiltration of Chromobox Family Genes in Sarcoma. <i>Frontiers in Oncology</i> , 2021, 11, 657595.	1.3	9
46	Prognostic relevance of SMC family gene expression in human sarcoma. <i>Aging</i> , 2021, 13, 1473-1487.	1.4	9
47	Association between use of non-steroidal anti-inflammatory drugs and risk of myocardial infarction in patients with spondyloarthritis and osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, e78-e78.	0.5	8
48	Structural predication and antigenic analysis of <i>Toxoplasma gondii</i> ROP20. <i>Acta Parasitologica</i> , 2018, 63, 244-251.	0.4	7
49	Association between egg consumption and metabolic syndrome in Chinese population: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e050317.	0.8	7
50	Mid-term results of revision surgery using double-trabecular metal cups alone or combined with impaction bone grafting for complex acetabular defects. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 301.	0.9	6
51	Targeting nerve growth factor, a new option for treatment of osteoarthritis: a network meta-analysis of comparative efficacy and safety with traditional drugs. <i>Aging</i> , 2021, 13, 1051-1070.	1.4	6
52	Is Lutikizumab, an Anti-Interleukin-1 β Dual Variable Domain Immunoglobulin, efficacious for Osteoarthritis? Results from a bayesian network meta-analysis. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	5
53	Hoffa fracture associated with tibial shaft fracture and multiple ligament avulsion fractures: A case report. <i>Trauma Case Reports</i> , 2020, 26, 100277.	0.2	5
54	Clinicopathologic and prognostic roles of circular RNA plasmacytoma variant translocation 1 in various cancers. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 1095-1104.	1.5	5

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55	Treatment of hip osteoarthritis with glucocorticoids. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, e100-e100.	0.5	5
56	Endothelin-1 induces oncostatin M expression in osteoarthritis osteoblasts by trans-activating the oncostatin M gene promoter via Ets-1. <i>Molecular Medicine Reports</i> , 2016, 13, 3559-3566.	1.1	4
57	Restoration of microRNA-130b expression suppresses osteosarcoma cell malignant behavior <i>in vitro</i> . <i>Oncology Letters</i> , 2018, 16, 97-104.	0.8	4
58	VE-822 mediated inhibition of ATR signaling sensitizes chondrosarcoma to cisplatin via reversion of the DNA damage response. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 6083-6092.	1.0	4
59	First patient management of COVID-19 in Changsha, China: a case report. <i>BMC Infectious Diseases</i> , 2020, 20, 824.	1.3	4
60	Mesenchymal Stem Cells: A New Choice for Nonsurgical Treatment of OA? Results from a Bayesian Network Meta-Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	4
61	Expression of HER-2 in surgical specimen and biopsy as a biomarker of metastasis in patients with osteosarcoma: a meta-analysis. <i>Translational Cancer Research</i> , 2019, 8, 1129-1136.	0.4	4
62	Peri-operative antibiotic treatment of bacteriuria reduces early deep surgical site infections in geriatric patients with proximal femur fracture: is it related?. <i>International Orthopaedics</i> , 2018, 42, 719-720.	0.9	3
63	Integrative analysis of expression, prognostic significance and immune infiltration of RFC family genes in human sarcoma. <i>Aging</i> , 2022, 14, 3705-3719.	1.4	3
64	Gene Expression Microarray Data Identify Hub Genes Involved in Osteoarthritis. <i>Frontiers in Genetics</i> , 2013, 4, 13.	1.1	3
65	Comment on Cho et al.: Mobile-bearing unicompartmental knee arthroplasty in old-aged patients demonstrates superior short-term clinical outcomes to open-wedge high tibial osteotomy in middle-aged patients with advanced isolated medial osteoarthritis. <i>International Orthopaedics</i> , 2018, 42, 2365-2366.	0.9	2
66	Soft tissue tension is four times lower in the unstable primary total hip arthroplasty: does this comparison make sense?. <i>International Orthopaedics</i> , 2018, 42, 2067-2068.	0.9	2
67	Histiocytic sarcoma of the neck: A case report. <i>Molecular and Clinical Oncology</i> , 2018, 9, 54-57.	0.4	2
68	The incidence of hip dislocation and suture failure according to two different types of posterior soft tissue repair techniques in total hip arthroplasty: a prospective randomized controlled trial: several questions. <i>International Orthopaedics</i> , 2018, 42, 2057-2058.	0.9	2
69	Partial Component Retained 2-Stage Reconstruction in the Treatment of Infected Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 2770-2773.	1.5	2
70	What can we learn from AOANJRR 2014 annual report?. <i>Annals of Translational Medicine</i> , 2015, 3, 131.	0.7	2
71	Prognostic significance of long non-coding RNA five prime to XIST in various cancers. <i>BMC Cancer</i> , 2022, 22, 61.	1.1	2
72	Revision for PJI after total hip replacement: more exploration is needed. <i>Lancet Infectious Diseases</i> , 2018, 18, 1182.	4.6	1

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73	Letter to the Editor concerning the paper "Long-term outcome of total knee arthroplasty in morbid obesity patients". International Orthopaedics, 2020, 44, 105-106.	0.9	1
74	Prognostic value of Livin in surgical specimen and biopsy in patients with osteosarcoma. Translational Cancer Research, 2020, 9, 3426-3434.	0.4	1
75	C-reactive protein as marker of post-operative analgesic quality after primary total knee arthroplasty: several questions. International Orthopaedics, 2020, 44, 1443-1444.	0.9	1
76	Pre-operative bone mineral density is a predictive factor for excellent early patient-reported outcome measures in cementless total hip arthroplasty using a proximally fixed anatomic stem. A prospective study at two year minimum follow-up: several questions. International Orthopaedics, 2021, 45, 1383-1384.	0.9	1
77	Case Report: Clinical Features of a COVID-19 Patient With Cirrhosis. Frontiers in Medicine, 2021, 8, 678227.	1.2	1
78	Comment to Ruiyu Liu et al.: Comparative analysis of gene expression profiles in normal hip human cartilage and cartilage from patients with necrosis of the femoral head. Arthritis Research and Therapy, 2016, 18, 238.	1.6	0
79	The miR-302c/transforming growth factor- β 2 receptor type-2 axis modulates interleukin-1 β -induced degenerative changes in osteoarthritic chondrocytes. Journal of Cell Communication and Signaling, 2022, 16, 93-102.	1.8	0
80	Arthroscopic Management of Giant Meniscal Cysts Among Young Patients: An Average Three-Year MRI Follow-up. Orthopaedic Surgery, 2022, 14, 1743-1750.	0.7	0