

List of Publications by Year in descending order

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335
papers

13,598
citations

24978

57
h-index

37111

96
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357
all docs

357
docs citations

357
times ranked

18905
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-214 targets ATF4 to inhibit bone formation. <i>Nature Medicine</i> , 2013, 19, 93-100.	15.2	495
2	Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. <i>Nature Communications</i> , 2016, 7, 10872.	5.8	424
3	A delivery system targeting bone formation surfaces to facilitate RNAi-based anabolic therapy. <i>Nature Medicine</i> , 2012, 18, 307-314.	15.2	354
4	Surface Functionalization and Targeting Strategies of Liposomes in Solid Tumor Therapy: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 195.	1.8	332
5	Recent Advances in SELEX Technology and Aptamer Applications in Biomedicine. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2142.	1.8	299
6	Recent Progress in Aptamer Discoveries and Modifications for Therapeutic Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9500-9519.	4.0	287
7	Aptamer-functionalized lipid nanoparticles targeting osteoblasts as a novel RNA interference-based bone anabolic strategy. <i>Nature Medicine</i> , 2015, 21, 288-294.	15.2	253
8	Chemical Modifications of Nucleic Acid Aptamers for Therapeutic Purposes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1683.	1.8	226
9	Epimedium-Derived Phytoestrogen Flavonoids Exert Beneficial Effect on Preventing Bone Loss in Late Postmenopausal Women: A 24-Month Randomized, Double-Blind and Placebo-Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1072-1079.	3.1	222
10	Differential effects on lung and bone metastasis of breast cancer by Wnt signalling inhibitor DKK1. <i>Nature Cell Biology</i> , 2017, 19, 1274-1285.	4.6	218
11	Angiogenic factors in bone local environment. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 297-310.	3.2	208
12	A water-soluble nucleolin aptamer-paclitaxel conjugate for tumor-specific targeting in ovarian cancer. <i>Nature Communications</i> , 2017, 8, 1390.	5.8	192
13	Linkers Having a Crucial Role in Antibody-Drug Conjugates. <i>International Journal of Molecular Sciences</i> , 2016, 17, 561.	1.8	187
14	Impaired bone healing pattern in mice with ovariectomy-induced osteoporosis: A drill-hole defect model. <i>Bone</i> , 2011, 48, 1388-1400.	1.4	163
15	A newly identified lncRNA MAR1 acts as a miR-487b sponge to promote skeletal muscle differentiation and regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 613-626.	2.9	154
16	Tumor cell-targeted delivery of CRISPR/Cas9 by aptamer-functionalized lipopolymer for therapeutic genome editing of VEGFA in osteosarcoma. <i>Biomaterials</i> , 2017, 147, 68-85.	5.7	150
17	Changes of microstructure and mineralized tissue in the middle and late phase of osteoporotic fracture healing in rats. <i>Bone</i> , 2007, 41, 631-638.	1.4	142
18	A Mini-Review for Cancer Immunotherapy: Molecular Understanding of PD-1/PD-L1 Pathway & Translational Blockade of Immune Checkpoints. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1151.	1.8	134

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19	A novel semisynthesized small molecule icaritin reduces incidence of steroid-associated osteonecrosis with inhibition of both thrombosis and lipid-deposition in a dose-dependent manner. <i>Bone</i> , 2009, 44, 345-356.	1.4	132
20	Tau Pathology in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 809.	1.1	125
21	Highly sensitive sequencing reveals dynamic modifications and activities of small RNAs in mouse oocytes and early embryos. <i>Science Advances</i> , 2016, 2, e1501482.	4.7	122
22	MicroRNA-182 targets SMAD7 to potentiate TGF β -induced epithelial-mesenchymal transition and metastasis of cancer cells. <i>Nature Communications</i> , 2016, 7, 13884.	5.8	112
23	A Loop-Based and AGO-Incorporated Virtual Screening Model Targeting AGO-Mediated miRNA-mRNA Interactions for Drug Discovery to Rescue Bone Phenotype in Genetically Modified Mice. <i>Advanced Science</i> , 2020, 7, 1903451.	5.6	111
24	Cathepsin K: The Action in and Beyond Bone. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 433.	1.8	111
25	Treatment-related adverse events of PD-1 and PD-L1 inhibitor-based combination therapies in clinical trials: a systematic review and meta-analysis. <i>Lancet Oncology</i> , The, 2021, 22, 1265-1274.	5.1	102
26	Systems Pharmacology in Small Molecular Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2016, 17, 246.	1.8	101
27	Therapeutic Potential and Outlook of Alternative Medicine for Osteoporosis. <i>Current Drug Targets</i> , 2017, 18, 1051-1068.	1.0	101
28	Destiny of <i>Dendrobium officinale</i> Polysaccharide after Oral Administration: Indigestible and Nonabsorbing, Ends in Modulating Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5968-5977.	2.4	99
29	Dual-ligand modified liposomes provide effective local targeted delivery of lung-cancer drug by antibody and tumor lineage-homing cell-penetrating peptide. <i>Drug Delivery</i> , 2018, 25, 256-266.	2.5	94
30	Triptolide Modulates TREM-1 Signal Pathway to Inhibit the Inflammatory Response in Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 498.	1.8	93
31	Present Advances and Future Perspectives of Molecular Targeted Therapy for Osteosarcoma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 506.	1.8	93
32	Silymarin attenuates cigarette smoke extract-induced inflammation via simultaneous inhibition of autophagy and ERK/p38 MAPK pathway in human bronchial epithelial cells. <i>Scientific Reports</i> , 2016, 6, 37751.	1.6	93
33	Germline <i>BMP9</i> mutation causes idiopathic pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2019, 53, 1801609.	3.1	90
34	Disrupting the Indian hedgehog signaling pathway in vivo attenuates surgically induced osteoarthritis progression in Col2a1-CreERT2; <i>lhfl/fl</i> mice. <i>Arthritis Research and Therapy</i> , 2014, 16, R11.	1.6	88
35	In vivo human adipose-derived mesenchymal stem cell tracking after intra-articular delivery in a rat osteoarthritis model. <i>Stem Cell Research and Therapy</i> , 2016, 7, 160.	2.4	88
36	Development of Cell-SELEX Technology and Its Application in Cancer Diagnosis and Therapy. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2079.	1.8	85

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37	A delivery system specifically approaching bone resorption surfaces to facilitate therapeutic modulation of microRNAs in osteoclasts. <i>Biomaterials</i> , 2015, 52, 148-160.	5.7	84
38	Pinocebrin improves cognition and protects the neurovascular unit in Alzheimer related deficits. <i>Neurobiology of Aging</i> , 2014, 35, 1275-1285.	1.5	81
39	The Effect of Triptolide in Rheumatoid Arthritis: From Basic Research towards Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 376.	1.8	79
40	Epimedium-derived flavonoids promote osteoblastogenesis and suppress adipogenesis in bone marrow stromal cells while exerting an anabolic effect on osteoporotic bone. <i>Bone</i> , 2009, 45, 534-544.	1.4	78
41	Wu-Tou Decoction in Rheumatoid Arthritis: Integrating Network Pharmacology and In Vivo Pharmacological Evaluation. <i>Frontiers in Pharmacology</i> , 2017, 8, 230.	1.6	78
42	Proteomic profiling of dextran sulfate sodium induced acute ulcerative colitis mice serum exosomes and their immunomodulatory impact on macrophages. <i>Proteomics</i> , 2016, 16, 1131-1145.	1.3	77
43	Combination therapeutics in complex diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 2231-2240.	1.6	76
44	Coupling factors and exosomal packaging microRNA involved in the regulation of bone remodelling. <i>Biological Reviews</i> , 2018, 93, 469-480.	4.7	76
45	Progress and Challenges in Developing Aptamer-Functionalized Targeted Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23784-23822.	1.8	75
46	Connective Tissue Growth Factor: From Molecular Understandings to Drug Discovery. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593269.	1.8	75
47	Effects of Eleven Flavonoids from the Osteoprotective Fraction of <i>Drynaria fortunei</i> (KUNZE) J. SM. on Osteoblastic Proliferation Using an Osteoblast-Like Cell Line. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 46-51.	0.6	74
48	Advances in the discovery of exosome inhibitors in cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1322-1330.	2.5	74
49	Prodrug Strategies for Paclitaxel. <i>International Journal of Molecular Sciences</i> , 2016, 17, 796.	1.8	72
50	In Vivo Delivery Systems for Therapeutic Genome Editing. <i>International Journal of Molecular Sciences</i> , 2016, 17, 626.	1.8	71
51	Molecular Communication from Skeletal Muscle to Bone: A Review for Muscle-Derived Myokines Regulating Bone Metabolism. <i>Calcified Tissue International</i> , 2017, 100, 184-192.	1.5	70
52	<p>Pulmonary delivery of transferrin receptors targeting peptide surface-functionalized liposomes augments the chemotherapeutic effect of quercetin in lung cancer therapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2879-2902.	3.3	68
53	Phytoestrogen-rich herb formula "XLB" prevents OVX-induced deterioration of musculoskeletal tissues at the hip in old rats. <i>Journal of Bone and Mineral Metabolism</i> , 2005, 23, 55-61.	1.3	67
54	Identification of Î² ₂ -MG Macroglobulin as a Master Inhibitor of Cartilage-Degrading Factors That Attenuates the Progression of Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 1843-1853.	2.9	66

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55	Whole-exome sequencing identifies a missense mutation in <i>hnRNPA1</i> in a family with flail arm ALS. <i>Neurology</i> , 2016, 87, 1763-1769.	1.5	66
56	Attenuation of osteoarthritis via blockade of the SDF-1/CXCR4 signaling pathway. <i>Arthritis Research and Therapy</i> , 2012, 14, R177.	1.6	65
57	Pulmonary delivery of triptolide-loaded liposomes decorated with anti-carbonic anhydrase IX antibody for lung cancer therapy. <i>Scientific Reports</i> , 2017, 7, 1097.	1.6	65
58	Efficacy and Safety of First-Line Immunotherapy Combinations for Advanced NSCLC: A Systematic Review and Network Meta-Analysis. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1099-1117.	0.5	64
59	RNF213 as the major susceptibility gene for Chinese patients with moyamoya disease and its clinical relevance. <i>Journal of Neurosurgery</i> , 2017, 126, 1106-1113.	0.9	63
60	Osteoclastic miR-214 targets TRAF3 to contribute to osteolytic bone metastasis of breast cancer. <i>Scientific Reports</i> , 2017, 7, 40487.	1.6	61
61	The Effect of Abnormal Iron Metabolism on Osteoporosis. <i>Biological Trace Element Research</i> , 2020, 195, 353-365.	1.9	60
62	Molecular Insight into Gut Microbiota and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 431.	1.8	59
63	RANKL/RANK System-Based Mechanism for Breast Cancer Bone Metastasis and Related Therapeutic Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 76.	1.8	59
64	Methods to Design and Synthesize Antibody-Drug Conjugates (ADCs). <i>International Journal of Molecular Sciences</i> , 2016, 17, 194.	1.8	56
65	Osteogenic effects of flavonoid aglycones from an osteoprotective fraction of <i>Drynaria fortunei</i> : An in vitro efficacy study. <i>Phytomedicine</i> , 2011, 18, 868-872.	2.3	54
66	Recent Advances in Developing Small Molecules Targeting Nucleic Acid. <i>International Journal of Molecular Sciences</i> , 2016, 17, 779.	1.8	53
67	PARP1 in Carcinomas and PARP1 Inhibitors as Antineoplastic Drugs. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2111.	1.8	53
68	Halofuginone inhibits colorectal cancer growth through suppression of Akt/mTORC1 signaling and glucose metabolism. <i>Oncotarget</i> , 2015, 6, 24148-24162.	0.8	52
69	Predicting and verifying outcome of <i>Tripterygium wilfordii</i> Hook F. based therapy in rheumatoid arthritis: from open to double-blinded randomized trial. <i>Scientific Reports</i> , 2015, 5, 9700.	1.6	51
70	Metabolomics and Its Application in the Development of Discovering Biomarkers for Osteoporosis Research. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2018.	1.8	51
71	5-Hydroxytryptamine promotes hepatocellular carcinoma proliferation by influencing β -catenin. <i>Molecular Oncology</i> , 2016, 10, 195-212.	2.1	51
72	Advances in the discovery of cathepsin K inhibitors on bone resorption. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 890-904.	2.5	51

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73	The beneficial effect of Icaritin on osteoporotic bone is dependent on the treatment initiation timing in adult ovariectomized rats. <i>Bone</i> , 2013, 55, 230-240.	1.4	50
74	Physiological Effects of Microgravity on Bone Cells. <i>Calcified Tissue International</i> , 2014, 94, 569-579.	1.5	50
75	Molecular Selection, Modification and Development of Therapeutic Oligonucleotide Aptamers. <i>International Journal of Molecular Sciences</i> , 2016, 17, 358.	1.8	50
76	The Rules and Functions of Nucleocytoplasmic Shuttling Proteins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1445.	1.8	50
77	Artificial Intelligence in Aptamer Target Binding Prediction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3605.	1.8	49
78	Novel point mutations in GDF5 associated with two distinct limb malformations in Chinese: brachydactyly type C and proximal symphalangism. <i>Journal of Human Genetics</i> , 2008, 53, 368-374.	1.1	47
79	Microtubule actin crosslinking factor 1 promotes osteoblast differentiation by promoting β -catenin/TCF1/Runx2 signaling axis. <i>Journal of Cellular Physiology</i> , 2018, 233, 1574-1584.	2.0	47
80	Inhibition of osteoblastic Smurf1 promotes bone formation in mouse models of distinctive age-related osteoporosis. <i>Nature Communications</i> , 2018, 9, 3428.	5.8	47
81	Exogenous phytoestrogenic molecule icaritin incorporated into a porous scaffold for enhancing bone defect repair. <i>Journal of Orthopaedic Research</i> , 2013, 31, 164-172.	1.2	46
82	Continuous occurrence of both insufficient neovascularization and elevated vascular permeability in rabbit proximal femur during inadequate repair of steroid-associated osteonecrotic lesions. <i>Arthritis and Rheumatism</i> , 2009, 60, 2966-2977.	6.7	45
83	Combined Salvianolic Acid B and Ginsenoside Rg1 Exerts Cardioprotection against Ischemia/Reperfusion Injury in Rats. <i>PLoS ONE</i> , 2015, 10, e0135435.	1.1	44
84	Virtual screening of the inhibitors targeting at the viral protein 40 of Ebola virus. <i>Infectious Diseases of Poverty</i> , 2016, 5, 12.	1.5	44
85	WNT/ β -catenin signaling regulates cigarette smoke-induced airway inflammation via the PPAR γ /p38 pathway. <i>Laboratory Investigation</i> , 2016, 96, 218-229.	1.7	44
86	MOST: most-similar ligand based approach to target prediction. <i>BMC Bioinformatics</i> , 2017, 18, 165.	1.2	43
87	Long Noncoding RNA lncMUMA Reverses Established Skeletal Muscle Atrophy following Mechanical Unloading. <i>Molecular Therapy</i> , 2018, 26, 2669-2680.	3.7	43
88	Liposomes equipped with cell penetrating peptide BR2 enhances chemotherapeutic effects of cantharidin against hepatocellular carcinoma. <i>Drug Delivery</i> , 2017, 24, 986-998.	2.5	42
89	Yupingfeng San Inhibits NLRP3 Inflammasome to Attenuate the Inflammatory Response in Asthma Mice. <i>Frontiers in Pharmacology</i> , 2017, 8, 944.	1.6	42
90	Icaritin requires Phosphatidylinositol 3 kinase (PI3K)/Akt signaling to counteract skeletal muscle atrophy following mechanical unloading. <i>Scientific Reports</i> , 2016, 6, 20300.	1.6	41

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91	Salvianolic acid A attenuates ischemia reperfusion induced rat brain damage by protecting the blood brain barrier through MMP-9 inhibition and anti-inflammation. Chinese Journal of Natural Medicines, 2018, 16, 184-193.	0.7	41
92	EGFL7 Is Expressed in Bone Microenvironment and Promotes Angiogenesis via ERK, STAT3, and Integrin Signaling Cascades. Journal of Cellular Physiology, 2015, 230, 82-94.	2.0	40
93	Mechanical unloading reduces microtubule actin crosslinking factor 1 expression to inhibit β -catenin signaling and osteoblast proliferation. Journal of Cellular Physiology, 2018, 233, 5405-5419.	2.0	40
94	<i>ANXA11</i> mutations prevail in Chinese ALS patients with and without cognitive dementia. Neurology: Genetics, 2018, 4, e237.	0.9	40
95	Pros and Cons of Denosumab Treatment for Osteoporosis and Implication for RANKL Aptamer Therapy. Frontiers in Cell and Developmental Biology, 2020, 8, 325.	1.8	40
96	Promotion of bone repair by implantation of cryopreserved bone marrow-derived mononuclear cells in a rabbit model of steroid-associated osteonecrosis. Arthritis and Rheumatism, 2012, 64, 1562-1571.	6.7	39
97	Targeted Delivery Systems for Molecular Therapy in Skeletal Disorders. International Journal of Molecular Sciences, 2016, 17, 428.	1.8	39
98	Spermine promotes pulmonary vascular remodelling and its synthase is a therapeutic target for pulmonary arterial hypertension. European Respiratory Journal, 2020, 56, 2000522.	3.1	39
99	Chemical structure elucidation of an inulin-type fructan isolated from <i>Lobelia chinensis</i> Lour with anti-obesity activity on diet-induced mice. Carbohydrate Polymers, 2020, 240, 116357.	5.1	39
100	Role of microRNAs in Osteoblasts Differentiation and Bone Disorders. Current Medicinal Chemistry, 2015, 22, 748-758.	1.2	39
101	Exploring Different Strategies for Efficient Delivery of Colorectal Cancer Therapy. International Journal of Molecular Sciences, 2015, 16, 26936-26952.	1.8	38
102	Silencing of lncRNA AK045490 Promotes Osteoblast Differentiation and Bone Formation via β -Catenin/TCF1/Runx2 Signaling Axis. International Journal of Molecular Sciences, 2019, 20, 6229.	1.8	38
103	Molecular Mechanisms and Translational Therapies for Human Epidermal Receptor 2 Positive Breast Cancer. International Journal of Molecular Sciences, 2016, 17, 2095.	1.8	37
104	Metformin Suppresses Self-Renewal Ability and Tumorigenicity of Osteosarcoma Stem Cells via Reactive Oxygen Species-Mediated Apoptosis and Autophagy. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	37
105	Dickkopf-1: A Promising Target for Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, 658097.	2.2	37
106	Berberine ameliorates DSS-induced intestinal mucosal barrier dysfunction through microbiota-dependence and Wnt/ β -catenin pathway. International Journal of Biological Sciences, 2022, 18, 1381-1397.	2.6	37
107	Structural and degradation characteristics of an innovative porous PLGA/TCP scaffold incorporated with bioactive molecular icaritin. Biomedical Materials (Bristol), 2010, 5, 054109.	1.7	36
108	In Vivo Screening for Anti-Osteoporotic Fraction from Extract of Herbal Formula Xianlinggubao in Ovariectomized Mice. PLoS ONE, 2015, 10, e0118184.	1.1	36

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109	Low-dose X-irradiation promotes mineralization of fracture callus in a rat model. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2009, 129, 125-132.	1.3	35
110	A Novel Semisynthetic Molecule Icaritin Stimulates Osteogenic Differentiation and Inhibits Adipogenesis of Mesenchymal Stem Cells. <i>International Journal of Medical Sciences</i> , 2013, 10, 782-789.	1.1	35
111	Regulatory Effect of Astragalus Polysaccharides on Intestinal Intraepithelial T Cells of Tumor Bearing Mice. <i>Molecules</i> , 2014, 19, 15224-15236.	1.7	35
112	Targeting histone methylation for colorectal cancer. <i>Therapeutic Advances in Gastroenterology</i> , 2017, 10, 114-131.	1.4	35
113	Isolation and structure elucidation of polysaccharides from fruiting bodies of mushroom <i>Coriolus versicolor</i> and evaluation of their immunomodulatory effects. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1387-1395.	3.6	35
114	Biofabrication of a PLGA-TCP-based porous bioactive bone substitute with sustained release of icaritin. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 961-972.	1.3	34
115	Salvianolic acid A inhibits endothelial dysfunction and vascular remodeling in spontaneously hypertensive rats. <i>Life Sciences</i> , 2016, 144, 86-93.	2.0	34
116	TAK1 inhibition attenuates both inflammation and fibrosis in experimental pneumoconiosis. <i>Cell Discovery</i> , 2017, 3, 17023.	3.1	34
117	TSPO deficiency induces mitochondrial dysfunction, leading to hypoxia, angiogenesis, and a growth-promoting metabolic shift toward glycolysis in glioblastoma. <i>Neuro-Oncology</i> , 2020, 22, 240-252.	0.6	34
118	Therapeutic RNA interference targeting CKIP-1 with a cross-species sequence to stimulate bone formation. <i>Bone</i> , 2014, 59, 76-88.	1.4	33
119	Bone-derived exosomes. <i>Current Opinion in Pharmacology</i> , 2017, 34, 64-69.	1.7	33
120	Mechanosensitive miRNAs and Bone Formation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1684.	1.8	33
121	Chemical elucidation of an arabinogalactan from rhizome of <i>Polygonatum sibiricum</i> with antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 730-738.	3.6	33
122	Salvianolic acid A, a matrix metalloproteinase-9 inhibitor of <i>Salvia miltiorrhiza</i> , attenuates aortic aneurysm formation in apolipoprotein E-deficient mice. <i>Phytomedicine</i> , 2014, 21, 1137-1145.	2.3	31
123	Molecular network-based analysis of Guizhi-Shaoyao-Zhimu decoction, a TCM herbal formula, for treatment of diabetic peripheral neuropathy. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 716-723.	2.8	31
124	Potential Diagnostic and Therapeutic Applications of Oligonucleotide Aptamers in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1851.	1.8	31
125	Disorders of Calcium and Phosphorus Metabolism and the Proteomics/Metabolomics-Based Research. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576110.	1.8	31
126	Kindlin-2 regulates skeletal homeostasis by modulating PTH1R in mice. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 297.	7.1	31

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127	Constitutional Flavonoids Derived from Epimedium Dose-Dependently Reduce Incidence of Steroid-Associated Osteonecrosis Not via Direct Action by Themselves on Potential Cellular Targets. PLoS ONE, 2009, 4, e6419.	1.1	31
128	Bioinformatics and Microarray Analysis of miRNAs in Aged Female Mice Model Implied New Molecular Mechanisms for Impaired Fracture Healing. International Journal of Molecular Sciences, 2016, 17, 1260.	1.8	30
129	Costs and Benefits Associated With Transradial Versus Transfemoral Percutaneous Coronary Intervention in China. Journal of the American Heart Association, 2016, 5, .	1.6	30
130	HIF1 α inhibition facilitates Leflunomide-AHR-CRP signaling to attenuate bone erosion in CRP-aberrant rheumatoid arthritis. Nature Communications, 2019, 10, 4579.	5.8	30
131	Berberine Sulfate Attenuates Osteoclast Differentiation through RANKL Induced NF- κ B and NFAT Pathways. International Journal of Molecular Sciences, 2015, 16, 27087-27096.	1.8	29
132	Insight into the transgenerational effect of benzo[a]pyrene on bone formation in a teleost fish (<i>Oryzias latipes</i>). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 178, 60-67.	1.3	29
133	Halofuginone and artemisinin synergistically arrest cancer cells at the G1/G0 phase by upregulating p21Cip1 and p27Kip1. Oncotarget, 2016, 7, 50302-50314.	0.8	29
134	Clinical and genetic characteristics of chinese patients with Birt-Hogg-Dub \otimes syndrome. Orphanet Journal of Rare Diseases, 2017, 12, 104.	1.2	29
135	Pien Tze Huang Alleviates Relapsing-Remitting Experimental Autoimmune Encephalomyelitis Mice by Regulating Th1 and Th17 Cells. Frontiers in Pharmacology, 2018, 9, 1237.	1.6	29
136	Exonic rearrangements in <i>DMD</i> in Chinese Han individuals affected with Duchenne and Becker muscular dystrophies. Human Mutation, 2020, 41, 668-677.	1.1	29
137	Structural Biology for the Molecular Insight between Aptamers and Target Proteins. International Journal of Molecular Sciences, 2021, 22, 4093.	1.8	29
138	Screening of Duchenne Muscular Dystrophy (DMD) Mutations and Investigating Its Mutational Mechanism in Chinese Patients. PLoS ONE, 2014, 9, e108038.	1.1	28
139	Eriodictyol Inhibits RANKL-Induced Osteoclast Formation and Function Via Inhibition of NFATc1 Activity. Journal of Cellular Physiology, 2016, 231, 1983-1993.	2.0	28
140	Increased PLEKHO1 within osteoblasts suppresses Smad-dependent BMP signaling to inhibit bone formation during aging. Aging Cell, 2017, 16, 360-376.	3.0	28
141	Epigenetic alterations are associated with tumor mutation burden in non-small cell lung cancer. , 2019, 7, 198.		28
142	Silencing of miR-138-5p sensitizes bone anabolic action to mechanical stimuli. Theranostics, 2020, 10, 12263-12278.	4.6	28
143	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. Stem Cell Research and Therapy, 2020, 11, 58.	2.4	28
144	A Novel Flexible Robotic Endoscope With Constrained Tendon-Driven Continuum Mechanism. IEEE Robotics and Automation Letters, 2020, 5, 1366-1372.	3.3	28

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145	Exosomal transfer of osteoclast-derived miRNAs to chondrocytes contributes to osteoarthritis progression. <i>Nature Aging</i> , 2021, 1, 368-384.	5.3	28
146	Targeted overexpression of the long noncoding RNA ODSM can regulate osteoblast function in vitro and in vivo. <i>Cell Death and Disease</i> , 2020, 11, 133.	2.7	27
147	Current Pharmacological Strategies for Duchenne Muscular Dystrophy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 689533.	1.8	27
148	MicroRNA-mediated repression of nonsense mRNAs. <i>ELife</i> , 2014, 3, e03032.	2.8	27
149	Japanese Medaka: A Non-Mammalian Vertebrate Model for Studying Sex and Age-Related Bone Metabolism In Vivo. <i>PLoS ONE</i> , 2014, 9, e88165.	1.1	26
150	Serum metabolomics reveals betaine and phosphatidylcholine as potential biomarkers for the toxic responses of processed <i>Aconitum carmichaelii</i> Debx. <i>Molecular BioSystems</i> , 2014, 10, 2305-2316.	2.9	26
151	Blockage of Src by Specific siRNA as a Novel Therapeutic Strategy to Prevent Destructive Repair in Steroid-Associated Osteonecrosis in Rabbits. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2044-2057.	3.1	26
152	Chemical Structure and Immunomodulating Activities of an β -Glucan Purified from <i>Lobelia chinensis</i> Lour. <i>Molecules</i> , 2016, 21, 779.	1.7	26
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