

# Xiang-Yang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

5,774  
citations

109137

35  
h-index

82410

72  
g-index

107  
all docs

107  
docs citations

107  
times ranked

8378  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Rheumatoid arthritis: pathological mechanisms and modern pharmacologic therapies. <i>Bone Research</i> , 2018, 6, 15.                                                                                                                                  | 5.4  | 947       |
| 2  | Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. <i>Nature Communications</i> , 2016, 7, 10872.                                                                                                                            | 5.8  | 424       |
| 3  | An overview of the regulation of bone remodelling at the cellular level. <i>Clinical Biochemistry</i> , 2012, 45, 863-873.                                                                                                                             | 0.8  | 408       |
| 4  | Current research on pharmacologic and regenerative therapies for osteoarthritis. <i>Bone Research</i> , 2016, 4, 15040.                                                                                                                                | 5.4  | 355       |
| 5  | 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       |
| 6  | Guidelines for clinical diagnosis and treatment of osteonecrosis of the femoral head in adults (2019) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>                                                                                                       | 1.9  | 182       |
| 7  | Cloning, Sequencing, and Functional Characterization of the Rat Homologue of Receptor Activator of NF- $\kappa$ B Ligand. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 2178-2186.                                                           | 3.1  | 152       |
| 8  | Metformin Improves Functional Recovery After Spinal Cord Injury via Autophagy Flux Stimulation. <i>Molecular Neurobiology</i> , 2017, 54, 3327-3341.                                                                                                   | 1.9  | 114       |
| 9  | Effects of Bafilomycin A1: An inhibitor of vacuolar H (+)-ATPases on endocytosis and apoptosis in RAW cells and RAW cell-derived osteoclasts. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 1256-1264.                                           | 1.2  | 91        |
| 10 | A polyamidoamine dendrimer functionalized graphene oxide for DOX and MMP-9 shRNA plasmid co-delivery. <i>Materials Science and Engineering C</i> , 2017, 70, 572-585.                                                                                  | 3.8  | 91        |
| 11 | Light-triggered Biomimetic Nanoerythrocyte for Tumor-targeted Lung Metastatic Combination Therapy of Malignant Melanoma. <i>Small</i> , 2018, 14, e1801754.                                                                                            | 5.2  | 89        |
| 12 | Dihydroartemisinin, an Anti-Malaria Drug, Suppresses Estrogen Deficiency-Induced Osteoporosis, Osteoclast Formation, and RANKL-Induced Signaling Pathways. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 964-974.                            | 3.1  | 88        |
| 13 | Myocyte Enhancer Factor 2 and Microphthalmia-associated Transcription Factor Cooperate with NFATc1 to Transactivate the V-ATPase d2 Promoter during RANKL-induced Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 14667-14676. | 1.6  | 87        |
| 14 | The emerging roles of hnRNPk. <i>Journal of Cellular Physiology</i> , 2020, 235, 1995-2008.                                                                                                                                                            | 2.0  | 85        |
| 15 | 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        |
| 16 | Star-Shaped Amphiphilic Hyperbranched Polyglycerol Conjugated with Dendritic Poly(L-lysine) for the Codelivery of Docetaxel and MMP-9 siRNA in Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12609-12619.                   | 4.0  | 82        |
| 17 | Urolithin A-induced mitophagy suppresses apoptosis and attenuates intervertebral disc degeneration via the AMPK signaling pathway. <i>Free Radical Biology and Medicine</i> , 2020, 150, 109-119.                                                      | 1.3  | 80        |
| 18 | Interspinous Spacer versus Traditional Decompressive Surgery for Lumbar Spinal Stenosis: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e97142.                                                                                     | 1.1  | 73        |

| #  | ARTICLE                                                                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Hydrogen sulfide protects against endoplasmic reticulum stress and mitochondrial injury in nucleus pulposus cells and ameliorates intervertebral disc degeneration. <i>Pharmacological Research</i> , 2017, 117, 357-369.                                                                                   | 3.1 | 73        |
| 20 | Reduction-Responsive Codelivery System Based on a Metal-Organic Framework for Eliciting Potent Cellular Immune Response. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12463-12473.                                                                                                             | 4.0 | 73        |
| 21 | Celastrol reduces IL-1 $\beta$ induced matrix catabolism, oxidative stress and inflammation in human nucleus pulposus cells and attenuates rat intervertebral disc degeneration in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 208-219.                                                        | 2.5 | 70        |
| 22 | Injectable supramolecular hydrogel formed from $\beta$ -cyclodextrin and PEGylated arginine-functionalized poly(L-lysine) dendron for sustained MMP-9 shRNA plasmid delivery. <i>Acta Biomaterialia</i> , 2017, 49, 456-471.                                                                                | 4.1 | 70        |
| 23 | Three-dimensional printing of shape memory hydrogels with internal structure for drug delivery. <i>Materials Science and Engineering C</i> , 2018, 84, 44-51.                                                                                                                                               | 3.8 | 69        |
| 24 | The role of SATB2 in skeletogenesis and human disease. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 35-44.                                                                                                                                                                                         | 3.2 | 64        |
| 25 | TFEB protects nucleus pulposus cells against apoptosis and senescence via restoring autophagic flux. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 347-357.                                                                                                                                               | 0.6 | 62        |
| 26 | Ligustilide alleviated IL-1 $\beta$ induced apoptosis and extracellular matrix degradation of nucleus pulposus cells and attenuates intervertebral disc degeneration in vivo. <i>International Immunopharmacology</i> , 2019, 69, 398-407.                                                                  | 1.7 | 58        |
| 27 | Neurotrophin-3 Induces BMP-2 and VEGF Activities and Promotes the Bony Repair of Injured Growth Plate Cartilage and Bone in Rats. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1258-1274.                                                                                                        | 3.1 | 54        |
| 28 | Artesunate suppresses RANKL-induced osteoclastogenesis through inhibition of PLC $\gamma$ 1-Ca <sup>2+</sup> $\rightarrow$ NFATc1 signaling pathway and prevents ovariectomy-induced bone loss. <i>Biochemical Pharmacology</i> , 2017, 124, 57-68.                                                         | 2.0 | 50        |
| 29 | MiR-214 is an important regulator of the musculoskeletal metabolism and disease. <i>Journal of Cellular Physiology</i> , 2019, 234, 231-245.                                                                                                                                                                | 2.0 | 49        |
| 30 | Construction of a High-Efficiency Drug and Gene Co-Delivery System for Cancer Therapy from a pH-Sensitive Supramolecular Inclusion between Oligoethylenimine-graft- $\beta$ -cyclodextrin and Hyperbranched Polyglycerol Derivative. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35812-35829. | 4.0 | 48        |
| 31 | Neohesperidin suppresses osteoclast differentiation, bone resorption and ovariectomised-induced osteoporosis in mice. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 369-378.                                                                                                                     | 1.6 | 47        |
| 32 | Injectable and Self-Healing Hydrogels with Double-Dynamic Bond Tunable Mechanical, Gel-Sol Transition and Drug Delivery Properties for Promoting Periodontium Regeneration in Periodontitis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 61638-61652.                                         | 4.0 | 45        |
| 33 | Hemostasis mechanism and applications of N-alkylated chitosan sponge. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1107-1114.                                                                                                                                                                      | 1.6 | 41        |
| 34 | Baicalein Inhibits the IL-1 $\beta$ -Induced Inflammatory Response in Nucleus Pulposus Cells and Attenuates Disc Degeneration In vivo. <i>Inflammation</i> , 2019, 42, 1032-1044.                                                                                                                           | 1.7 | 40        |
| 35 | Macrophage migration inhibitory factor is essential for osteoclastogenic mechanisms in vitro and in vivo mouse model of arthritis. <i>Cytokine</i> , 2015, 72, 135-145.                                                                                                                                     | 1.4 | 39        |
| 36 | Amyloid $\beta$ Peptide Enhances RANKL-Induced Osteoclast Activation through NF- $\kappa$ B, ERK, and Calcium Oscillation Signaling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1683.                                                                                                   | 1.8 | 38        |

| #  | ARTICLE                                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Triptolide inhibits osteoclast formation, bone resorption, RANKL-mediated NF- $\kappa$ B activation and titanium particle-induced osteolysis in a mouse model. <i>Molecular and Cellular Endocrinology</i> , 2015, 399, 346-353.                  | 1.6 | 37        |
| 38 | Cytoplasmic hnRNPk interacts with GSK3 $\beta$ and is essential for the osteoclast differentiation. <i>Scientific Reports</i> , 2016, 5, 17732.                                                                                                   | 1.6 | 35        |
| 39 | Three dimensional microstructural network of elastin, collagen, and cells in Achilles tendons. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1203-1214.                                                                                      | 1.2 | 35        |
| 40 | Sinomenine down-regulates TLR4/TRA6 expression and attenuates lipopolysaccharide-induced osteoclastogenesis and osteolysis. <i>European Journal of Pharmacology</i> , 2016, 779, 66-79.                                                           | 1.7 | 34        |
| 41 | Redox poly(ethylene glycol)-b-poly(L-lactide) micelles containing diselenide bonds for effective drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 234.                                                       | 1.7 | 32        |
| 42 | <i>Cistanche deserticola</i> polysaccharide attenuates osteoclastogenesis and bone resorption via inhibiting RANKL signaling and reactive oxygen species production. <i>Journal of Cellular Physiology</i> , 2018, 233, 9674-9684.                | 2.0 | 32        |
| 43 | TNF- $\alpha$ inhibits SATB2 expression and osteoblast differentiation through NF- $\kappa$ B and MAPK pathways. <i>Oncotarget</i> , 2018, 9, 4833-4850.                                                                                          | 0.8 | 31        |
| 44 | HtrA1 is upregulated during RANKL-induced osteoclastogenesis, and negatively regulates osteoblast differentiation and BMP2-induced Smad1/5/8, ERK and p38 phosphorylation. <i>FEBS Letters</i> , 2014, 588, 143-150.                              | 1.3 | 30        |
| 45 | Activation of Nrf2/HO-1 signal with Myricetin for attenuating ECM degradation in human chondrocytes and ameliorating the murine osteoarthritis. <i>International Immunopharmacology</i> , 2019, 75, 105742.                                       | 1.7 | 30        |
| 46 | Berberine Sulfate Attenuates Osteoclast Differentiation through RANKL Induced NF- $\kappa$ B and NFAT Pathways. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27087-27096.                                                       | 1.8 | 29        |
| 47 | Morc3 mutant mice exhibit reduced cortical area and thickness, accompanied by altered haematopoietic stem cells niche and bone cell differentiation. <i>Scientific Reports</i> , 2016, 6, 25964.                                                  | 1.6 | 29        |
| 48 | Deficiency of sorting nexin 10 prevents bone erosion in collagen-induced mouse arthritis through promoting NFATc1 degradation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1211-1218.                                                     | 0.5 | 29        |
| 49 | Itaconate attenuates osteoarthritis by inhibiting STING/NF- $\kappa$ B axis in chondrocytes and promoting M2 polarization in macrophages. <i>Biochemical Pharmacology</i> , 2022, 198, 114935.                                                    | 2.0 | 29        |
| 50 | Stabilization of Hypoxia Inducible Factor-1 $\alpha$ by Dimethylxalylglycine Promotes Recovery from Acute Spinal Cord Injury by Inhibiting Neural Apoptosis and Enhancing Axon Regeneration. <i>Journal of Neurotrauma</i> , 2019, 36, 3394-3409. | 1.7 | 28        |
| 51 | Biocompatible hyperbranched polyglycerol modified $\beta$ -cyclodextrin derivatives for docetaxel delivery. <i>Materials Science and Engineering C</i> , 2017, 71, 965-972.                                                                       | 3.8 | 27        |
| 52 | The investigation of bone fracture healing under intramembranous and endochondral ossification. <i>Bone Reports</i> , 2021, 14, 100740.                                                                                                           | 0.2 | 25        |
| 53 | Effects of shear force on intervertebral disc: an in vivo rabbit study. <i>European Spine Journal</i> , 2015, 24, 1711-1719.                                                                                                                      | 1.0 | 24        |
| 54 | NPNT is Expressed by Osteoblasts and Mediates Angiogenesis via the Activation of Extracellular Signal-regulated Kinase. <i>Scientific Reports</i> , 2016, 6, 36210.                                                                               | 1.6 | 24        |

| #  | ARTICLE                                                                                                                                                                                                                                                | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | TSC1 regulates osteoclast podosome organization and bone resorption through mTORC1 and Rac1/Cdc42. <i>Cell Death and Differentiation</i> , 2018, 25, 1549-1566.                                                                                        | 5.0 | 24        |
| 56 | Non-severe burn injury leads to depletion of bone volume that can be ameliorated by inhibiting TNF- $\alpha$ . <i>Burns</i> , 2015, 41, 558-564.                                                                                                       | 1.1 | 22        |
| 57 | Biocompatibility and cellular uptake mechanisms of poly( <i>N</i> -isopropylacrylamide) in different cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 17-31.                                                                     | 0.8 | 22        |
| 58 | The radiologic assessment of posterior ligamentous complex injury in patients with thoracolumbar fracture. <i>European Spine Journal</i> , 2017, 26, 1454-1462.                                                                                        | 1.0 | 22        |
| 59 | Tangeretin suppresses osteoarthritis progression via the Nrf2/NF- $\kappa$ B and MAPK/NF- $\kappa$ B signaling pathways. <i>Phytomedicine</i> , 2022, 98, 153928.                                                                                      | 2.3 | 22        |
| 60 | Electrochemical behavior of (Ti $^{1-x}$ Nb $x$ ) $_5$ Si $_3$ nanocrystalline films in simulated physiological media. <i>Acta Biomaterialia</i> , 2014, 10, 1005-1013.                                                                                | 4.1 | 21        |
| 61 | The $\gamma_6$ receptor suppresses bone resorption and stimulates bone formation in mice via a suprachiasmatic nucleus relay. <i>Bone</i> , 2016, 84, 139-147.                                                                                         | 1.4 | 21        |
| 62 | Zoledronic Acid: Pleiotropic Anti-Tumor Mechanism and Therapeutic Outlook for Osteosarcoma. <i>Current Drug Targets</i> , 2018, 19, 409-421.                                                                                                           | 1.0 | 21        |
| 63 | Epidermal Stem Cells Cultured on Collagen-Modified Chitin Membrane Induce In Situ Tissue Regeneration of Full-Thickness Skin Defects in Mice. <i>PLoS ONE</i> , 2014, 9, e87557.                                                                       | 1.1 | 20        |
| 64 | Sclareol prevents ovariectomy-induced bone loss <i>in vivo</i> and inhibits osteoclastogenesis <i>in vitro</i> via suppressing NF- $\kappa$ B and MAPK/ERK signaling pathways. <i>Food and Function</i> , 2019, 10, 6556-6567.                         | 2.1 | 18        |
| 65 | Inhibition of LRRK2 restores parkin-mediated mitophagy and attenuates intervertebral disc degeneration. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 579-591.                                                                                       | 0.6 | 18        |
| 66 | A novel technique of two-hole guide tube for percutaneous anterior odontoid screw fixation. <i>Spine Journal</i> , 2015, 15, 1141-1145.                                                                                                                | 0.6 | 17        |
| 67 | Helvolic acid attenuates osteoclast formation and function via suppressing RANKL-induced NFATc1 activation. <i>Journal of Cellular Physiology</i> , 2019, 234, 6477-6488.                                                                              | 2.0 | 17        |
| 68 | Parthenolide reduces empty lacunae and osteoclastic bone surface resorption induced by polyethylene particles in a murine calvarial model of peri-implant osteolysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3572-3579. | 2.1 | 16        |
| 69 | MAGED1 Is a Negative Regulator of Bone Remodeling in Mice. <i>American Journal of Pathology</i> , 2015, 185, 2653-2667.                                                                                                                                | 1.9 | 16        |
| 70 | Osteoblast derived-neurotrophin-3 induces cartilage removal proteases and osteoclast-mediated function at injured growth plate in rats. <i>Bone</i> , 2018, 116, 232-247.                                                                              | 1.4 | 15        |
| 71 | Molecular structure and differential function of choline kinases CHK1 and CHK2 in musculoskeletal system and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2017, 33, 65-72.                                                                      | 3.2 | 14        |
| 72 | Connecting Versatile lncRNAs with Heterogeneous Nuclear Ribonucleoprotein K and Pathogenic Disorders. <i>Trends in Biochemical Sciences</i> , 2019, 44, 733-736.                                                                                       | 3.7 | 14        |

| #  | ARTICLE                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Association between Bone Mineral Density and Severity of Chronic Kidney Disease. <i>International Journal of Endocrinology</i> , 2020, 2020, 1-11.                                                                                                          | 0.6 | 14        |
| 74 | Hemocompatibility evaluation <i>in vitro</i> of methoxy polyethyleneglycol-polycaprolactone copolymer solutions. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 802-812.                                                             | 2.1 | 13        |
| 75 | Calmodulin interacts with Rab3D and modulates osteoclastic bone resorption. <i>Scientific Reports</i> , 2016, 6, 37963.                                                                                                                                     | 1.6 | 13        |
| 76 | Evaluation of N-phosphonium chitosan as a novel vaccine carrier for intramuscular immunization. <i>Journal of Biomaterials Applications</i> , 2017, 32, 677-685.                                                                                            | 1.2 | 13        |
| 77 | Melphalan modifies the bone microenvironment by enhancing osteoclast formation. <i>Oncotarget</i> , 2017, 8, 68047-68058.                                                                                                                                   | 0.8 | 10        |
| 78 | Cytochalasin Z11 inhibits RANKL-induced osteoclastogenesis <i>via</i> suppressing NFATc1 activation. <i>RSC Advances</i> , 2019, 9, 38438-38446.                                                                                                            | 1.7 | 10        |
| 79 | Schisandrin B attenuates epidural fibrosis in postlaminectomy rats by inhibiting proliferation and extracellular matrix production of fibroblasts. <i>Phytotherapy Research</i> , 2019, 33, 107-116.                                                        | 2.8 | 10        |
| 80 | Cytoplasmic PCNA is located in the actin belt and involved in osteoclast differentiation. <i>Aging</i> , 2020, 12, 13297-13317.                                                                                                                             | 1.4 | 10        |
| 81 | Bafilomycin A1 Attenuates Osteoclast Acidification and Formation, Accompanied by Increased Levels of SQSTM1/p62 Protein. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1464-1470.                                                                    | 1.2 | 9         |
| 82 | Percutaneous anterior C1/2 transarticular screw fixation: salvage of failed percutaneous odontoid screw fixation for odontoid fracture. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 141.                                                 | 0.9 | 9         |
| 83 | Nomogram for Individualized Prediction and Prognostic Factors for Survival in Patients with Primary Spinal Chordoma: A Population-Based Longitudinal Cohort Study. <i>World Neurosurgery</i> , 2019, 128, e603-e614.                                        | 0.7 | 9         |
| 84 | Design and Application of Individualized, 3-Dimensional-Printed Navigation Template for Placing Cortical Bone Trajectory Screws in Middle-Upper Thoracic Spine: Cadaver Research Study. <i>World Neurosurgery</i> , 2019, 125, e348-e352.                   | 0.7 | 9         |
| 85 | Prevalence of the thoracic scoliosis in children and adolescents candidates for strabismus surgery: results from a 1935-patient cross-sectional study in China. <i>European Spine Journal</i> , 2020, 29, 786-793.                                          | 1.0 | 9         |
| 86 | MicroRNAs as Potential Targets for Treatment of Osteoclast-Related Diseases. <i>Current Drug Targets</i> , 2018, 19, 422-431.                                                                                                                               | 1.0 | 9         |
| 87 | Morin improves functional recovery after spinal cord injury in rats by enhancing axon regeneration via the Nrf2/HO-1 pathway. <i>Phytotherapy Research</i> , 2021, 35, 5754-5766.                                                                           | 2.8 | 8         |
| 88 | Differential expression of extracellular-signal-regulated kinase 5 (ERK5) in normal and degenerated human nucleus pulposus tissues and cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 466-470.                              | 1.0 | 7         |
| 89 | Redox-responsive chemosensitive polyspermine delivers ursolic acid targeting to human breast tumor cells: The depletion of intracellular GSH contents arouses chemosensitizing effects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 293-302. | 2.5 | 7         |
| 90 | PIP5k1 $\beta$ controls bone homeostasis through modulating both osteoclast and osteoblast differentiation. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 55-70.                                                                                     | 1.5 | 7         |

| #   | ARTICLE                                                                                                                                                                                                                                                                                                                                     | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | High-resolution study of the 3D collagen fibrillary matrix of Achilles tendons without tissue labelling and dehydrating. <i>Journal of Microscopy</i> , 2017, 266, 273-287.                                                                                                                                                                 | 0.8 | 6         |
| 92  | Relationship Between Apoptosis of Endplate Microvasculature and Degeneration of the Intervertebral Disk. <i>World Neurosurgery</i> , 2019, 125, e392-e397.                                                                                                                                                                                  | 0.7 | 5         |
| 93  | Enhanced BMP signalling causes growth plate cartilage dysrepair in rats. <i>Bone</i> , 2021, 145, 115874.                                                                                                                                                                                                                                   | 1.4 | 5         |
| 94  | The SQSTM1/p62 UBA domain regulates Ajuba localisation, degradation and NF- $\kappa$ B signalling function. <i>PLoS ONE</i> , 2021, 16, e0259556.                                                                                                                                                                                           | 1.1 | 4         |
| 95  | Construction and Biomechanical Properties of PolyAxial Self-Locking Anatomical Plate Based on the Geometry of Distal Tibia. <i>BioMed Research International</i> , 2014, 2014, 1-7.                                                                                                                                                         | 0.9 | 3         |
| 96  | A Novel Technique for Cervical Facet Joint Hyperplasia-Spondylotic Radiculopathy by Laminar and Lateral Mass Screw Cofixations. <i>World Neurosurgery</i> , 2018, 110, e490-e495.                                                                                                                                                           | 0.7 | 3         |
| 97  | Risk Factor of Failed Reduction of Posterior Ligamentotaxis Reduction Instrumentation in Managing Thoracolumbar Burst Fractures: A Retrospective Study. <i>World Neurosurgery</i> , 2018, 119, e475-e481.                                                                                                                                   | 0.7 | 3         |
| 98  | Novel vertebrate- and brain-specific driver of neuronal outgrowth. <i>Progress in Neurobiology</i> , 2021, 202, 102069.                                                                                                                                                                                                                     | 2.8 | 1         |
| 99  | INTERCELLULAR COMMUNICATION OF OSTEOBLAST AND OSTEOCLAST IN BONE DISEASES. , 2005, , 95-123.                                                                                                                                                                                                                                                |     | 1         |
| 100 | An effective and practical immunohistochemical protocol for bone specimens characterized by hyaluronidase and pepsin predigestion combined with alkaline phosphatase-mediated chromogenic detection. <i>Histology and Histopathology</i> , 2015, 30, 331-43.                                                                                | 0.5 | 1         |
| 101 | Chronic unilateral locked facet joint with spinal cord injury in a 26-month-old child: A case report. <i>Journal of Spinal Cord Medicine</i> , 2015, 38, 245-248.                                                                                                                                                                           | 0.7 | 0         |
| 102 | Reply to the Letter to the Editor of Fei Jia et al. concerning "Comparison of combined anterior-posterior approach versus posterior-only approach in neuromuscular scoliosis: a systematic review and meta-analysis" by Shao ZX, et al. [ <i>Eur Spine J</i> ; (2018) 27(9): 2213-2222]. <i>European Spine Journal</i> , 2019, 28, 885-887. | 1.0 | 0         |