

Qin Bian

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,626
citations

430874

18
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

2488
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | PDGF-BB secreted by preosteoclasts induces angiogenesis during coupling with osteogenesis. <i>Nature Medicine</i> , 2014, 20, 1270-1278. | 30.7 | 641 |
| 2 | Halofuginone attenuates osteoarthritis by inhibition of TGF- β 2 activity and H-type vessel formation in subchondral bone. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1714-1721. | 0.9 | 182 |
| 3 | Mechanosignaling activation of TGF β 2 maintains intervertebral disc homeostasis. <i>Bone Research</i> , 2017, 5, 17008. | 11.4 | 83 |
| 4 | Cervical Intervertebral Disc Degeneration Induced by Unbalanced Dynamic and Static Forces: A Novel In Vivo Rat Model. <i>Spine</i> , 2006, 31, 1532-1538. | 2.0 | 63 |
| 5 | Excessive Activation of TGF β 2 by Spinal Instability Causes Vertebral Endplate Sclerosis. <i>Scientific Reports</i> , 2016, 6, 27093. | 3.3 | 59 |
| 6 | Luteolin inhibits autophagy in allergic asthma by activating PI3K/Akt/mTOR signaling and inhibiting Beclin-1-PI3KC3 complex. <i>International Immunopharmacology</i> , 2021, 94, 107460. | 3.8 | 54 |
| 7 | Icariin improves cognitive deficits and activates quiescent neural stem cells in aging rats. <i>Journal of Ethnopharmacology</i> , 2012, 142, 746-753. | 4.1 | 48 |
| 8 | Oleanolic acid exerts an osteoprotective effect in ovariectomy-induced osteoporotic rats and stimulates the osteoblastic differentiation of bone mesenchymal stem cells in vitro. <i>Menopause</i> , 2012, 19, 225-233. | 2.0 | 44 |
| 9 | Computational Tools for Stem Cell Biology. <i>Trends in Biotechnology</i> , 2016, 34, 993-1009. | 9.3 | 36 |
| 10 | The osteoprotective effect of psoralen in ovariectomy-induced osteoporotic rats via stimulating the osteoblastic differentiation from bone mesenchymal stem cells. <i>Menopause</i> , 2012, 19, 1040-1048. | 2.0 | 35 |
| 11 | Osteoarthritis: genetic factors, animal models, mechanisms, and therapies. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 74. | 1.8 | 35 |
| 12 | Aberrant Activation of TGF- β 2 in Subchondral Bone at the Onset of Rheumatoid Arthritis Joint Destruction. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2033-2043. | 2.8 | 34 |
| 13 | Small molecules for mesenchymal stem cell fate determination. <i>World Journal of Stem Cells</i> , 2019, 11, 1084-1103. | 2.8 | 34 |
| 14 | Leg Amputation Accelerates Senescence of Rat Lumbar Intervertebral Discs. <i>Spine</i> , 2010, 35, E1253-E1261. | 2.0 | 31 |
| 15 | Evaluating the transcriptional fidelity of cancer models. <i>Genome Medicine</i> , 2021, 13, 73. | 8.2 | 26 |
| 16 | A single cell transcriptional atlas of early synovial joint development. <i>Development (Cambridge)</i> , 2020, 147, . | 2.5 | 23 |
| 17 | Prolonged Upright Posture Induces Degenerative Changes in Intervertebral Discs of Rat Cervical Spine. <i>Spine</i> , 2011, 36, E14-E19. | 2.0 | 22 |
| 18 | The expression of osteoprotegerin is required for maintaining the intervertebral disc endplate of aged mice. <i>Bone</i> , 2011, 48, 1362-1369. | 2.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Prolonged Upright Posture Induces Calcified Hypertrophy in the Cartilage End Plate in Rat Lumbar Spine. <i>Spine</i> , 2011, 36, 2011-2020. | 2.0 | 19 |
| 20 | The osteogenetic effect of astragaloside IV with centrifugating pressure on the OCT-1 cells. <i>Die Pharmazie</i> , 2011, 66, 63-8. | 0.5 | 16 |
| 21 | Classic yin and yang tonic formula for osteopenia: study protocol for a randomized controlled trial. <i>Trials</i> , 2011, 12, 187. | 1.6 | 11 |
| 22 | Oleanolic Acid Induces Differentiation of Neural Stem Cells to Neurons: An Involvement of Transcription Factor Nrx-2.5. <i>Stem Cells International</i> , 2015, 2015, 1-12. | 2.5 | 11 |
| 23 | Er-Xian Decoction Stimulates Osteoblastic Differentiation of Bone Mesenchymal Stem Cells in Ovariectomized Mice and Its Gene Profile Analysis. <i>Stem Cells International</i> , 2016, 2016, 1-10. | 2.5 | 11 |
| 24 | Herb Formula “Fufangqishe-Pill” Prevents Upright Posture-Induced Intervertebral Disc Degeneration at the Lumbar in Rats. <i>Journal of Pharmacological Sciences</i> , 2010, 113, 23-31. | 2.5 | 10 |
| 25 | Different molecular targets of Icaritin on bMSCs in CORT and OVX -rats. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1224. | 1.8 | 10 |
| 26 | Prolonged and Repeated Upright Posture Promotes Bone Formation in Rat Lumbar Vertebrae. <i>Spine</i> , 2011, 36, E380-E387. | 2.0 | 8 |
| 27 | Reconstruction of dynamic regulatory networks reveals signaling-induced topology changes associated with germ layer specification. <i>Stem Cell Reports</i> , 2022, 17, 427-442. | 4.8 | 7 |
| 28 | Mechanisms Underlying the Antiproliferative and Prodifferentiative Effects of Psoralen on Adult Neural Stem Cells via DNA Microarray. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-15. | 1.2 | 6 |
| 29 | Ligustrazine Inhibits Cartilage Endplate Hypertrophy via Suppression of TGF- β 1. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-9. | 1.2 | 5 |
| 30 | Ligustrazine Prevents Intervertebral Disc Degeneration via Suppression of Aberrant TGF- β Activation in Nucleus Pulposus Cells. <i>BioMed Research International</i> , 2019, 2019, 1-9. | 1.9 | 4 |
| 31 | A Mouse Model of Lumbar Spine Instability. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 4 |
| 32 | Preparation of Herbal Medicine: Er-Xian Decoction and Er-Xian-containing Serum for <i>In Vivo</i> and <i>In Vitro</i> Experiments. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 4 |
| 33 | A dual regulatory effect of naringenin on bone homeostasis in two diabetic mice models. <i>Traditional Medicine and Modern Medicine</i> , 2020, 03, 101-108. | 0.2 | 3 |
| 34 | Transcriptomic alterations underline aging of osteogenic bone marrow stromal cells. <i>World Journal of Stem Cells</i> , 2021, 13, 128-138. | 2.8 | 1 |
| 35 | Preparation of Naringenin Solution for <i>In Vivo</i> Application. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 0 |
| 36 | A comparison of epidemic prevention of COVID-19 between China and the US. <i>Traditional Medicine and Modern Medicine</i> , 2020, 03, 11-26. | 0.2 | 0 |