

Tzong-Jen Sheu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,754
citations

279701

23
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

2988
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stem cells of the suture mesenchyme in craniofacial bone development, repair and regeneration. <i>Nature Communications</i> , 2016, 7, 10526. | 5.8 | 179 |
| 2 | Generation of a transgenic mouse model with chondrocyte-specific and tamoxifen-inducible expression of Cre recombinase. <i>Genesis</i> , 2007, 45, 44-50. | 0.8 | 132 |
| 3 | Inhibition of β -catenin signaling causes defects in postnatal cartilage development. <i>Journal of Cell Science</i> , 2008, 121, 1455-1465. | 1.2 | 129 |
| 4 | Exploiting endogenous fibrocartilage stem cells to regenerate cartilage and repair joint injury. <i>Nature Communications</i> , 2016, 7, 13073. | 5.8 | 124 |
| 5 | Osthoe stimulates osteoblast differentiation and bone formation by activation of β -catenin/BMP signaling. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1234-1245. | 3.1 | 110 |
| 6 | Exosomes Mediate Epithelium-Mesenchyme Crosstalk in Organ Development. <i>ACS Nano</i> , 2017, 11, 7736-7746. | 7.3 | 100 |
| 7 | Heavy Metal Lead Exposure, Osteoporotic-like Phenotype in an Animal Model, and Depression of Wnt Signaling. <i>Environmental Health Perspectives</i> , 2013, 121, 97-104. | 2.8 | 82 |
| 8 | A Phage Display Technique Identifies a Novel Regulator of Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2003, 278, 438-443. | 1.6 | 77 |
| 9 | Transforming Growth Factor- β Stimulates Cyclin D1 Expression through Activation of β -Catenin Signaling in Chondrocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 21296-21304. | 1.6 | 74 |
| 10 | Fracture-Targeted Delivery of β -Catenin Agonists via Peptide-Functionalized Nanoparticles Augments Fracture Healing. <i>ACS Nano</i> , 2017, 11, 9445-9458. | 7.3 | 61 |
| 11 | Environmental Toxicants May Modulate Osteoblast Differentiation by a Mechanism Involving the Aryl Hydrocarbon Receptor. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1571-1580. | 3.1 | 60 |
| 12 | Androgen receptor-regulated circ FNTA activates KRAS signaling to promote bladder cancer invasion. <i>EMBO Reports</i> , 2020, 21, e48467. | 2.0 | 60 |
| 13 | Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , 2019, 18, 627-637. | 13.3 | 53 |
| 14 | Effects of Combined Exposure to Lead and High-Fat Diet on Bone Quality in Juvenile Male Mice. <i>Environmental Health Perspectives</i> , 2015, 123, 935-943. | 2.8 | 49 |
| 15 | Aberrant hypertrophy in Smad3-deficient murine chondrocytes is rescued by restoring transforming growth factor β -activated kinase 1/activating transcription factor 2 signaling: A potential clinical implication for osteoarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 2359-2369. | 6.7 | 45 |
| 16 | Use of a Phage Display Technique to Identify Potential Osteoblast Binding Sites Within Osteoclast Lacunae. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 915-922. | 3.1 | 44 |
| 17 | TAK1 regulates SOX9 expression in chondrocytes and is essential for postnatal development of the growth plate and articular cartilages. <i>Journal of Cell Science</i> , 2013, 126, 5704-13. | 1.2 | 44 |
| 18 | EP1 ^{-/-} mice have enhanced osteoblast differentiation and accelerated fracture repair. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 792-802. | 3.1 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Regulated expression of cofilin and the consequent regulation of p27 ^{kip1} are essential for G1 phase progression. <i>Cell Cycle</i> , 2009, 8, 2365-2374. | 1.3 | 32 |
| 20 | Heavy Metal Ion Regulation of Gene Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 18216-18226. | 1.6 | 31 |
| 21 | Impaired Angiogenesis during Fracture Healing in GPCR Kinase 2 Interacting Protein-1 (GIT1) Knock Out Mice. <i>PLoS ONE</i> , 2014, 9, e89127. | 1.1 | 30 |
| 22 | Elevated Lifetime Lead Exposure Impedes Osteoclast Activity and Produces an Increase in Bone Mass in Adolescent Mice. <i>Toxicological Sciences</i> , 2016, 149, 277-288. | 1.4 | 30 |
| 23 | Inhibition of beta-catenin signaling by Pb leads to incomplete fracture healing. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1397-1405. | 1.2 | 29 |
| 24 | CCN1 Regulates Chondrocyte Maturation and Cartilage Development. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 549-559. | 3.1 | 22 |
| 25 | Sclerostin activity plays a key role in the negative effect of glucocorticoid signaling on osteoblast function in mice. <i>Bone Research</i> , 2017, 5, 17013. | 5.4 | 20 |
| 26 | Androgen receptor decreases renal cell carcinoma bone metastases via suppressing the osteolytic formation through altering a novel circEXOC7 regulatory axis. <i>Clinical and Translational Medicine</i> , 2021, 11, e353. | 1.7 | 19 |
| 27 | Multivalent Presentation of Peptide Targeting Groups Alters Polymer Biodistribution to Target Tissues. <i>Biomacromolecules</i> , 2018, 19, 71-84. | 2.6 | 17 |
| 28 | Loss of the PGE2 receptor EP1 enhances bone acquisition, which protects against age and ovariectomy-induced impairments in bone strength. <i>Bone</i> , 2015, 72, 92-100. | 1.4 | 15 |
| 29 | Lead induces an osteoarthritis-like phenotype in articular chondrocytes through disruption of TGF- β^2 signaling. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1760-1766. | 1.2 | 14 |
| 30 | TRIP-1: A regulator of osteoblast function. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1576-1584. | 3.1 | 13 |
| 31 | Circulating TGF- β^1 levels are negatively correlated with sclerostin levels in early postmenopausal women. <i>Clinica Chimica Acta</i> , 2016, 455, 87-92. | 0.5 | 13 |
| 32 | Up-regulation of cofilin in cell senescence associates with morphological change and p27 ^{kip1} -mediated growth delay. <i>Aging Cell</i> , 2021, 20, e13288. | 3.0 | 13 |