

# Tzong-Jen Sheu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,754  
citations

279798

23  
h-index

414414

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.	12.8	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.	1.6	132
3	Inhibition of $\beta$ -catenin signaling causes defects in postnatal cartilage development. <i>Journal of Cell Science</i> , 2008, 121, 1455-1465.	2.0	129
4	Exploiting endogenous fibrocartilage stem cells to regenerate cartilage and repair joint injury. <i>Nature Communications</i> , 2016, 7, 13073.	12.8	124
5	Osthoe stimulates osteoblast differentiation and bone formation by activation of $\beta$ -catenin/BMP signaling. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1234-1245.	2.8	110
6	Exosomes Mediate Epithelium-Mesenchyme Crosstalk in Organ Development. <i>ACS Nano</i> , 2017, 11, 7736-7746.	14.6	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.	6.0	82
8	A Phage Display Technique Identifies a Novel Regulator of Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2003, 278, 438-443.	3.4	77
9	Transforming Growth Factor- $\beta$ Stimulates Cyclin D1 Expression through Activation of $\beta$ -Catenin Signaling in Chondrocytes. <i>Journal of Biological Chemistry</i> , 2006, 281, 21296-21304.	3.4	74
10	Fracture-Targeted Delivery of $\beta$ -Catenin Agonists via Peptide-Functionalized Nanoparticles Augments Fracture Healing. <i>ACS Nano</i> , 2017, 11, 9445-9458.	14.6	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.	2.8	60
12	Androgen receptor-regulated circ FNTA activates KRAS signaling to promote bladder cancer invasion. <i>EMBO Reports</i> , 2020, 21, e48467.	4.5	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.	27.5	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.	6.0	49
15	Aberrant hypertrophy in Smad3-deficient murine chondrocytes is rescued by restoring transforming growth factor $\beta$ -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.	2.8	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.	2.0	44
18	EP1 <sup>-/-</sup> mice have enhanced osteoblast differentiation and accelerated fracture repair. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 792-802.	2.8	33

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19	Regulated expression of cofilin and the consequent regulation of p27 <sup>kip1</sup> are essential for G1 phase progression. <i>Cell Cycle</i> , 2009, 8, 2365-2374.	2.6	32
20	Heavy Metal Ion Regulation of Gene Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 18216-18226.	3.4	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.	2.5	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.	3.1	30
23	Inhibition of beta-catenin signaling by Pb leads to incomplete fracture healing. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1397-1405.	2.3	29
24	CCN1 Regulates Chondrocyte Maturation and Cartilage Development. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 549-559.	2.8	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.	11.4	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.	4.0	19
27	Multivalent Presentation of Peptide Targeting Groups Alters Polymer Biodistribution to Target Tissues. <i>Biomacromolecules</i> , 2018, 19, 71-84.	5.4	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.	2.9	15
29	Lead induces an osteoarthritis-like phenotype in articular chondrocytes through disruption of TGF- $\beta^2$ signaling. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1760-1766.	2.3	14
30	TRIP-1: A regulator of osteoblast function. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1576-1584.	2.8	13
31	Circulating TGF- $\beta^2$ levels are negatively correlated with sclerostin levels in early postmenopausal women. <i>Clinica Chimica Acta</i> , 2016, 455, 87-92.	1.1	13
32	Up-regulation of cofilin in cell senescence associates with morphological change and p27 <sup>kip1</sup> -mediated growth delay. <i>Aging Cell</i> , 2021, 20, e13288.	6.7	13