Zhousheng Xiao

List of Publications by Year
in descending order

29 papers	1,895 citations	257101 24 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	2446 citing authors

#	Article	IF	Citations
1	Novel Small Molecule Fibroblast Growth Factor 23 Inhibitors Increase Serum Phosphate and Improve Skeletal Abnormalities in <i>Hyp</i> Mice. Molecular Pharmacology, 2022, 101, 408-421.	1.0	8
2	Design and development of FGF-23 antagonists: Definition of the pharmacophore and initial structure-activity relationships probed by synthetic analogues. Bioorganic and Medicinal Chemistry, 2021, 29, 115877.	1.4	3
3	Osteoporosis: Mechanism, Molecular Target and Current Status on Drug Development. Current Medicinal Chemistry, 2021, 28, 1489-1507.	1.2	101
4	FGF23 induced left ventricular hypertrophy mediated by FGFR4 signaling in the myocardium is attenuated by soluble Klotho in mice. Journal of Molecular and Cellular Cardiology, 2020, 138, 66-74.	0.9	50
5	Therapeutic evidence of umbilical cord-derived mesenchymal stem cell transplantation for cerebral palsy: a randomized, controlled trial. Stem Cell Research and Therapy, 2020, 11, 43.	2.4	56
6	Recent Advances of Osterix Transcription Factor in Osteoblast Differentiation and Bone Formation. Frontiers in Cell and Developmental Biology, 2020, 8, 601224.	1.8	101
7	FGF23 expression is stimulated in transgenic Î±-Klotho longevity mouse model. JCI Insight, 2019, 4, .	2.3	36
8	Ensemble docking to difficult targets in earlyâ€stage drug discovery: Methodology and application to fibroblast growth factor 23. Chemical Biology and Drug Design, 2018, 91, 491-504.	1.5	25
9	Validation of a Novel Modified Aptamer-Based Array Proteomic Platform in Patients with End-Stage Renal Disease. Diagnostics, 2018, 8, 71.	1.3	15
10	Role of Fibroblast Growth Factor-23 in Innate Immune Responses. Frontiers in Endocrinology, 2018, 9, 320.	1.5	34
11	Polycystin-1 interacts with TAZ to stimulate osteoblastogenesis and inhibit adipogenesis. Journal of Clinical Investigation, 2017, 128, 157-174.	3.9	49
12	Counterâ€regulatory paracrine actions of <scp>FGF</scp>â€23 and 1,25(<scp>OH</scp>)₂D in macrophages. FEBS Letters, 2016, 590, 53-67.	1.3	104
13	A computationally identified compound antagonizes excess FGF-23 signaling in renal tubules and a mouse model of hypophosphatemia. Science Signaling, 2016, 9, ra113.	1.6	27
14	Joint mouseâ€“human phenome-wide association to test gene function and disease risk. Nature Communications, 2016, 7, 10464.	5.8	190
15	Physiological mechanisms and therapeutic potential of bone mechanosensing. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 115-129.	2.6	44
16	Membrane and Integrative Nuclear Fibroblastic Growth Factor Receptor (FGFR) Regulation of FGF-23. Journal of Biological Chemistry, 2015, 290, 10447-10459.	1.6	46
17	Osteocyte-Specific Deletion of Fgfr1 Suppresses FGF23. PLoS ONE, 2014, 9, e104154.	1.1	101
18	Osteoblast-Specific Deletion of Pkd2 Leads to Low-Turnover Osteopenia and Reduced Bone Marrow Adiposity. PLoS ONE, 2014, 9, e114198.	1.1	35

#	ARTICLE	IF	CITATIONS
19	Disruption of Kif3a in osteoblasts results in defective bone formation and osteopenia. Journal of Cell Science, 2012, 125, 1945-57.	1.2	86
20	Downregulation of <i>PKD1</i> by shRNA results in defective osteogenic differentiation via cAMP/PKA pathway in human MGâ€63 cells. Journal of Cellular Biochemistry, 2012, 113, 967-976.	1.2	25
21	Conditional Mesenchymal Disruption of Pkd1 Results in Osteopenia and Polycystic Kidney Disease. PLoS ONE, 2012, 7, e46038.	1.1	17
22	Conditional deletion of<i>Pkd1</i>in osteocytes disrupts skeletal mechanosensing in mice. FASEB Journal, 2011, 25, 2418-2432.	0.2	110
23	Kif3a Deficiency Reverses the Skeletal Abnormalities in Pkd1 Deficient Mice by Restoring the Balance Between Osteogenesis and Adipogenesis. PLoS ONE, 2010, 5, e15240.	1.1	42
24	Conditional Disruption of Pkd1 in Osteoblasts Results in Osteopenia Due to Direct Impairment of Bone Formation. Journal of Biological Chemistry, 2010, 285, 1177-1187.	1.6	61
25	Novel Regulators of Fgf23 Expression and Mineralization in Hyp Bone. Molecular Endocrinology, 2009, 23, 1505-1518.	3.7	110
26	Dose-Dependent Effects of <i>Runx2</i> on Bone Development. Journal of Bone and Mineral Research, 2009, 24, 1889-1904.	3.1	66
27	Polycystin-1 Regulates Skeletogenesis through Stimulation of the Osteoblast-specific Transcription Factor RUNX2-II. Journal of Biological Chemistry, 2008, 283, 12624-12634.	1.6	61
28	Cilia-like Structures and Polycystin-1 in Osteoblasts/Osteocytes and Associated Abnormalities in Skeletogenesis and Runx2 Expression. Journal of Biological Chemistry, 2006, 281, 30884-30895.	1.6	220
29	Selective Runx2-II deficiency leads to low-turnover osteopenia in adult mice. Developmental Biology, 2005, 283, 345-356.	0.9	71