

Hou-De Zhou

List of Publications by Year in descending order

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60
papers

3,455
citations

236912

25
h-index

138468

58
g-index

64
all docs

64
docs citations

64
times ranked

4403
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel microRNA targeting HDAC5 regulates osteoblast differentiation in mice and contributes to primary osteoporosis in humans. <i>Journal of Clinical Investigation</i> , 2009, 119, 3666-3677.	8.2	429
2	MicroRNA-188 regulates age-related switch between osteoblast and adipocyte differentiation. <i>Journal of Clinical Investigation</i> , 2015, 125, 1509-1522.	8.2	418
3	Adiponectin stimulates human osteoblasts proliferation and differentiation via the MAPK signaling pathway. <i>Experimental Cell Research</i> , 2005, 309, 99-109.	2.6	318
4	Adiponectin Stimulates RANKL and Inhibits OPG Expression in Human Osteoblasts Through the MAPK Signaling Pathway. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1648-1656.	2.8	310
5	A Runx2/miR-3960/miR-2861 Regulatory Feedback Loop during Mouse Osteoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 12328-12339.	3.4	207
6	MiR-503 Regulates Osteoclastogenesis via Targeting RANK. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 338-347.	2.8	186
7	miR-148a regulates osteoclastogenesis by targeting V-maf musculoaponeurotic fibrosarcoma oncogene homolog B. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1180-1190.	2.8	169
8	Apelin stimulates proliferation and suppresses apoptosis of mouse osteoblastic cell line MC3T3-E1 via JNK and PI3-K/Akt signaling pathways. <i>Peptides</i> , 2007, 28, 708-718.	2.4	110
9	miR-93/Sp7 function loop mediates osteoblast mineralization. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1598-1606.	2.8	100
10	Apelin suppresses apoptosis of human osteoblasts. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 247-254.	4.9	78
11	Omentin-1 attenuates arterial calcification and bone loss in osteoprotegerin-deficient mice by inhibition of RANKL expression. <i>Cardiovascular Research</i> , 2011, 92, 296-306.	3.8	76
12	Apelin/APJ induces ICAM-1, VCAM-1 and MCP-1 expression via NF- κ B/JNK signal pathway in human umbilical vein endothelial cells. <i>Amino Acids</i> , 2012, 43, 2125-2136.	2.7	68
13	Effect of SPLUNC1 protein on the <i>Pseudomonas aeruginosa</i> and Epstein-Barr virus. <i>Molecular and Cellular Biochemistry</i> , 2008, 309, 191-197.	3.1	67
14	Apelin and its receptor are expressed in human osteoblasts. <i>Regulatory Peptides</i> , 2006, 134, 118-125.	1.9	65
15	Runx1 is a central regulator of osteogenesis for bone homeostasis by orchestrating BMP and WNT signaling pathways. <i>PLoS Genetics</i> , 2021, 17, e1009233.	3.5	54
16	Effect of glucagon-like peptide-1 receptor agonists on body weight in adults with obesity without diabetes mellitus: a systematic review and meta-analysis of randomized control trials. <i>Obesity Reviews</i> , 2022, 23, e13435.	6.5	53
17	Estrogen receptor β 36 mediates a bone-sparing effect of 17 β -estradiol in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 156-168.	2.8	49
18	Ghrelin Attenuates the Osteoblastic Differentiation of Vascular Smooth Muscle Cells through the ERK Pathway. <i>PLoS ONE</i> , 2012, 7, e33126.	2.5	47

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19	Plasticity of adipose tissue in response to fasting and refeeding in male mice. <i>Nutrition and Metabolism</i> , 2017, 14, 3.	3.0	47
20	Intracellular co-localization of SPLUNC1 protein with nanobacteria in nasopharyngeal carcinoma epithelia HNE1 cells depended on the bactericidal permeability increasing protein domain. <i>Molecular Immunology</i> , 2006, 43, 1864-1871.	2.2	45
21	Runt-related transcription factor 1 is required for murine osteoblast differentiation and bone formation. <i>Journal of Biological Chemistry</i> , 2020, 295, 11669-11681.	3.4	43
22	Runx1 up-regulates chondrocyte to osteoblast lineage commitment and promotes bone formation by enhancing both chondrogenesis and osteogenesis. <i>Biochemical Journal</i> , 2020, 477, 2421-2438.	3.7	43
23	RANKL Is a Downstream Mediator for Insulin-Induced Osteoblastic Differentiation of Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2011, 6, e29037.	2.5	32
24	IRS-2 Partially Compensates for the Insulin Signal Defects in IRS-1 ^{-/-} Mice Mediated by miR-33. <i>Molecules and Cells</i> , 2017, 40, 123-132.	2.6	32
25	Taurine inhibits osteoclastogenesis through the taurine transporter. <i>Amino Acids</i> , 2010, 39, 89-99.	2.7	28
26	Tissue distribution of the secretory protein, SPLUNC1, in the human fetus. <i>Histochemistry and Cell Biology</i> , 2006, 125, 315-324.	1.7	26
27	Insulin receptor substrate ¹ time-dependently regulates bone formation by controlling collagen I \pm 2 expression via miR-342. <i>FASEB Journal</i> , 2016, 30, 4214-4226.	0.5	26
28	Cellular and molecular responses in progressive pseudorheumatoid dysplasia articular cartilage associated with compound heterozygous WISP3 gene mutation. <i>Journal of Molecular Medicine</i> , 2007, 85, 985-996.	3.9	25
29	Insulin-like growth factor ¹ promotes osteogenic differentiation and collagen I alpha 2 synthesis via induction of <i>mRNA</i> binding protein <i>LARP</i> 6 expression. <i>Development Growth and Differentiation</i> , 2017, 59, 94-103.	1.5	25
30	Insulin receptor substrate 1 regulates the cellular differentiation and the matrix metalloproteinase expression of preosteoblastic cells. <i>Journal of Endocrinology</i> , 2010, 206, 271-277.	2.6	23
31	Effects of Different Nylestriol/Levonorgestrel Dosages on Bone Metabolism in Female Sprague-Dawley Rats with Retinoic Acid-Induced Osteoporosis. <i>Endocrine Research</i> , 2003, 29, 23-42.	1.2	20
32	BRD2 is one of BRD7-interacting proteins and its over-expression could initiate apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2006, 292, 205-212.	3.1	19
33	Suppressive effect of dexamethasone on TIMP-1 production involves murine osteoblastic MC3T3-E1 cell apoptosis. <i>Amino Acids</i> , 2010, 38, 1145-1153.	2.7	19
34	Dose-dependent effects of neuropeptide Y on the regulation of preadipocyte proliferation and adipocyte lipid synthesis <i>via</i> the PPAR γ pathways. <i>Endocrine Journal</i> , 2015, 62, 835-846.	1.6	19
35	<i>C/ebpβ</i> controls osteoclast terminal differentiation, activation, function, and postnatal bone homeostasis through direct regulation of <i>Nfatc1</i> . <i>Journal of Pathology</i> , 2018, 244, 271-282.	4.5	19
36	Hyperglycemia and blood glucose deterioration are risk factors for severe COVID-19 with diabetes: A two-center cohort study. <i>Journal of Medical Virology</i> , 2022, 94, 1967-1975.	5.0	17

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37	Stimulation of RANKL and Inhibition of Membrane Type Matrix Metalloproteinase-1 Expression by Parathyroid Hormone in Normal Human Osteoblasts. <i>Endocrine Research</i> , 2004, 30, 369-377.	1.2	15
38	WISP3 suppresses insulin-like growth factor signaling in human chondrocytes. <i>Molecular and Cellular Endocrinology</i> , 2007, 279, 1-8.	3.2	12
39	MiR-503 inhibits adipogenesis by targeting bone morphogenetic protein receptor 1a. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 2727-37.	0.0	12
40	Expression of NF- κ B and osteopontin of synovial fluid of patients with knee osteoarthritis. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 379-382.	0.8	11
41	Dysfunction of Collagen Synthesis and Secretion in Chondrocytes Induced by Wisp3 Mutation. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-9.	1.5	9
42	Flavonoid genistein protects bone marrow sinusoidal blood vessels from damage by methotrexate therapy in rats. <i>Journal of Cellular Physiology</i> , 2019, 234, 11276-11286.	4.1	9
43	Long Non-coding RNA 332443 Inhibits Preadipocyte Differentiation by Targeting Runx1 and p38-MAPK and ERK1/2-MAPK Signaling Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 663959.	3.7	9
44	Associations of Salivary BPIFA1 Protein in Chronic Periodontitis Patients with Type 2 Diabetes Mellitus. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-13.	1.5	8
45	Insulin receptor substrate-1 inhibits high-fat diet-induced obesity by browning of white adipose tissue through miR-503. <i>FASEB Journal</i> , 2020, 34, 12308-12323.	0.5	8
46	Higher Serum Neuropeptide Y Levels Are Associated with Metabolically Unhealthy Obesity in Obese Chinese Adults: A Cross-Sectional Study. <i>Mediators of Inflammation</i> , 2020, 2020, 1-9.	3.0	8
47	Genetic diagnosis and treatment of a Chinese ketosis-prone MODY 3 family with depression. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 5.	2.7	6
48	<p>Serum miR-503 is a Candidate Biomarker for Differentiating Metabolic Healthy Obesity from Metabolic Unhealthy Obesity</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2667-2676.	2.4	5
49	Accurate diagnosis and heterogeneity analysis of a 17q12 deletion syndrome family with adulthood diabetes onset and complex clinical phenotypes. <i>Endocrine</i> , 2021, 73, 37-46.	2.3	5
50	Association of Sex Hormones and Fat Distribution in Men with Different Obese and Metabolic Statuses. <i>International Journal of General Medicine</i> , 2022, Volume 15, 1225-1238.	1.8	5
51	Dental caries and risk indicators for patients with leprosy in China. <i>International Dental Journal</i> , 2017, 67, 59-64.	2.6	3
52	Relationship between Serum Levels of OPG and TGF- β 2 with Decreasing Rate of BMD in Native Chinese Women. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-8.	1.5	2
53	Hereditary severe insulin resistance syndrome: Pathogenesis, pathophysiology, and clinical management. <i>Genes and Diseases</i> , 2023, 10, 1846-1856.	3.4	2
54	Effects of Hybrid Coat on shear bond strength of five cements: an in vitro study. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 447.	2.6	1

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55	Body mass index and C-peptide are important for the promptly differential diagnosis of maturity-onset diabetes from familial type 2 diabetes in outpatient clinic. <i>Endocrine Journal</i> , 2019, 66, 309-317.	1.6	1
56	Atypical juvenile hereditary hemochromatosis onset with positive pancreatic islet autoantibodies diabetes caused by novel mutations in <i>HAMP</i> and overall clinical management. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1522.	1.2	1
57	A novel microRNA targeting HDAC5 regulates osteoblast differentiation in mice and contributes to primary osteoporosis in humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 395-395.	8.2	1
58	Changes in Bone Mineral Density Following Conventional Oral Phosphonate Treatment of Hypophosphatemic Osteomalacia: A Non-Randomized Controlled Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 7925-7931.	1.8	1
59	A novel antimicrobial peptide derived from human BPIFA1 protein protects against <i>Candida albicans</i> infection. <i>Innate Immunity</i> , 2022, , 175342592210805.	2.4	1
60	Comment on Misra et al. Homozygous Hypomorphic HNF1A Alleles Are a Novel Cause of Young-Onset Diabetes and Result in Sulfonylurea-Sensitive Diabetes. <i>Diabetes Care</i> 2020;43:909-912. <i>Diabetes Care</i> , 2020, 43, e154-e154.	8.6	0