

# Hou-De Zhou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58 papers	2,752 citations	21 h-index	52 g-index
64 ext. papers	3,088 ext. citations	4.9 avg, IF	4.39 L-index

#	Paper	IF	Citations
58	A novel microRNA targeting HDAC5 regulates osteoblast differentiation in mice and contributes to primary osteoporosis in humans. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 3666-77	15.9	376
57	MicroRNA-188 regulates age-related switch between osteoblast and adipocyte differentiation. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1509-22	15.9	320
56	Adiponectin stimulates human osteoblasts proliferation and differentiation via the MAPK signaling pathway. <i>Experimental Cell Research</i> , <b>2005</b> , 309, 99-109	4.2	278
55	Adiponectin stimulates RANKL and inhibits OPG expression in human osteoblasts through the MAPK signaling pathway. <i>Journal of Bone and Mineral Research</i> , <b>2006</b> , 21, 1648-56	6.3	257
54	A Runx2/miR-3960/miR-2861 regulatory feedback loop during mouse osteoblast differentiation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 12328-39	5.4	185
53	miR-148a regulates osteoclastogenesis by targeting V-maf musculoaponeurotic fibrosarcoma oncogene homolog B. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 1180-90	6.3	148
52	MiR-503 regulates osteoclastogenesis via targeting RANK. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 338-47	6.3	138
51	Apelin stimulates proliferation and suppresses apoptosis of mouse osteoblastic cell line MC3T3-E1 via JNK and PI3-K/Akt signaling pathways. <i>Peptides</i> , <b>2007</b> , 28, 708-18	3.8	94
50	miR-93/Sp7 function loop mediates osteoblast mineralization. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 1598-606	6.3	84
49	Apelin suppresses apoptosis of human osteoblasts. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2007</b> , 12, 247-54	5.4	66
48	Effect of SPLUNC1 protein on the Pseudomonas aeruginosa and Epstein-Barr virus. <i>Molecular and Cellular Biochemistry</i> , <b>2008</b> , 309, 191-7	4.2	62
47	Apelin-APJ induces ICAM-1, VCAM-1 and MCP-1 expression via NF- $\kappa$ B/JNK signal pathway in human umbilical vein endothelial cells. <i>Amino Acids</i> , <b>2012</b> , 43, 2125-36	3.5	60
46	Omentin-1 attenuates arterial calcification and bone loss in osteoprotegerin-deficient mice by inhibition of RANKL expression. <i>Cardiovascular Research</i> , <b>2011</b> , 92, 296-306	9.9	60
45	Apelin and its receptor are expressed in human osteoblasts. <i>Regulatory Peptides</i> , <b>2006</b> , 134, 118-25		57
44	Estrogen receptor $\beta$ 6 mediates a bone-sparing effect of 17 $\beta$ -estradiol in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 156-68	6.3	47
43	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> , <b>2006</b> , 43, 1864-71	4.3	43
42	Ghrelin attenuates the osteoblastic differentiation of vascular smooth muscle cells through the ERK pathway. <i>PLoS ONE</i> , <b>2012</b> , 7, e33126	3.7	42

41	Plasticity of adipose tissue in response to fasting and refeeding in male mice. <i>Nutrition and Metabolism</i> , <b>2017</b> , 14, 3	4.6	35
40	RANKL is a downstream mediator for insulin-induced osteoblastic differentiation of vascular smooth muscle cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e29037	3.7	28
39	Taurine inhibits osteoclastogenesis through the taurine transporter. <i>Amino Acids</i> , <b>2010</b> , 39, 89-99	3.5	25
38	Tissue distribution of the secretory protein, SPLUNC1, in the human fetus. <i>Histochemistry and Cell Biology</i> , <b>2006</b> , 125, 315-24	2.4	22
37	Insulin receptor substrate 1 regulates the cellular differentiation and the matrix metalloproteinase expression of preosteoblastic cells. <i>Journal of Endocrinology</i> , <b>2010</b> , 206, 271-7	4.7	21
36	IRS-2 Partially Compensates for the Insulin Signal Defects in IRS-1 Mice Mediated by miR-33. <i>Molecules and Cells</i> , <b>2017</b> , 40, 123-132	3.5	21
35	Insulin receptor substrate-1 time-dependently regulates bone formation by controlling collagen I expression via miR-342. <i>FASEB Journal</i> , <b>2016</b> , 30, 4214-4226	0.9	20
34	Cellular and molecular responses in progressive pseudorheumatoid dysplasia articular cartilage associated with compound heterozygous WISP3 gene mutation. <i>Journal of Molecular Medicine</i> , <b>2007</b> , 85, 985-96	5.5	19
33	Effects of different nylestriol/levonorgestrel dosages on bone metabolism in female Sprague-Dawley rats with retinoic acid-induced osteoporosis. <i>Endocrine Research</i> , <b>2003</b> , 29, 23-42	1.9	19
32	Dose-dependent effects of neuropeptide Y on the regulation of preadipocyte proliferation and adipocyte lipid synthesis via the PPAR pathways. <i>Endocrine Journal</i> , <b>2015</b> , 62, 835-46	2.9	18
31	Suppressive effect of dexamethasone on TIMP-1 production involves murine osteoblastic MC3T3-E1 cell apoptosis. <i>Amino Acids</i> , <b>2010</b> , 38, 1145-53	3.5	17
30	BRD2 is one of BRD7-interacting proteins and its over-expression could initiate apoptosis. <i>Molecular and Cellular Biochemistry</i> , <b>2006</b> , 292, 205-12	4.2	17
29	Runt-related transcription factor 1 is required for murine osteoblast differentiation and bone formation. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 11669-11681	5.4	16
28	Runx1 up-regulates chondrocyte to osteoblast lineage commitment and promotes bone formation by enhancing both chondrogenesis and osteogenesis. <i>Biochemical Journal</i> , <b>2020</b> , 477, 2421-2438	3.8	15
27	C/ebpβ controls osteoclast terminal differentiation, activation, function, and postnatal bone homeostasis through direct regulation of Nfatc1. <i>Journal of Pathology</i> , <b>2018</b> , 244, 271-282	9.4	14
26	Stimulation of RANKL and inhibition of membrane-type matrix metalloproteinase-1 expression by parathyroid hormone in normal human osteoblasts. <i>Endocrine Research</i> , <b>2004</b> , 30, 369-77	1.9	14
25	Insulin-like growth factor-1 promotes osteogenic differentiation and collagen I alpha 2 synthesis via induction of mRNA-binding protein LARP6 expression. <i>Development Growth and Differentiation</i> , <b>2017</b> , 59, 94-103	3	12
24	WISP3 suppresses insulin-like growth factor signaling in human chondrocytes. <i>Molecular and Cellular Endocrinology</i> , <b>2007</b> , 279, 1-8	4.4	12

23	MiR-503 inhibits adipogenesis by targeting bone morphogenetic protein receptor 1a. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 2727-37	3	12
22	Expression of NF- $\kappa$ B and osteopontin of synovial fluid of patients with knee osteoarthritis. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2013</b> , 6, 379-82	2.1	8
21	Runx1 is a central regulator of osteogenesis for bone homeostasis by orchestrating BMP and WNT signaling pathways. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009233	6	8
20	Associations of Salivary BPIFA1 Protein in Chronic Periodontitis Patients with Type 2 Diabetes Mellitus. <i>International Journal of Endocrinology</i> , <b>2017</b> , 2017, 1087017	2.7	7
19	Dysfunction of collagen synthesis and secretion in chondrocytes induced by wisp3 mutation. <i>International Journal of Endocrinology</i> , <b>2013</b> , 2013, 679763	2.7	7
18	Genetic diagnosis and treatment of a Chinese ketosis-prone MODY 3 family with depression. <i>Diabetology and Metabolic Syndrome</i> , <b>2017</b> , 9, 5	5.6	6
17	Flavonoid genistein protects bone marrow sinusoidal blood vessels from damage by methotrexate therapy in rats. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 11276-11286	7	5
16	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> , <b>2021</b> ,	19.7	4
15	Insulin receptor substrate-1 inhibits high-fat diet-induced obesity by browning of white adipose tissue through miR-503. <i>FASEB Journal</i> , <b>2020</b> , 34, 12308-12323	0.9	4
14	Higher Serum Neuropeptide Y Levels Are Associated with Metabolically Unhealthy Obesity in Obese Chinese Adults: A Cross-Sectional Study. <i>Mediators of Inflammation</i> , <b>2020</b> , 2020, 7903140	4.3	4
13	Dental caries and risk indicators for patients with leprosy in China. <i>International Dental Journal</i> , <b>2017</b> , 67, 59-64	2.2	3
12	Serum miR-503 is a Candidate Biomarker for Differentiating Metabolic Healthy Obesity from Metabolic Unhealthy Obesity. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 2667-2676	3.4	3
11	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> , <b>2021</b> , 9, 663959	5.7	3
10	Relationship between Serum Levels of OPG and TGF- $\beta$ 1 with Decreasing Rate of BMD in Native Chinese Women. <i>International Journal of Endocrinology</i> , <b>2013</b> , 2013, 727164	2.7	2
9	Accurate diagnosis and heterogeneity analysis of a 17q12 deletion syndrome family with adulthood diabetes onset and complex clinical phenotypes. <i>Endocrine</i> , <b>2021</b> , 73, 37-46	4	2
8	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> , <b>2022</b> , e13435	10.6	2
7	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> , <b>2019</b> , 66, 309-317	2.9	1
6	Effects of Hybrid Coat on shear bond strength of five cements: an study. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 447-452	2.2	1

5	Association of Sex Hormones and Fat Distribution in Men with Different Obese and Metabolic Statuses.. <i>International Journal of General Medicine</i> , <b>2022</b> , 15, 1225-1238	2.3	o
4	Atypical juvenile hereditary hemochromatosis onset with positive pancreatic islet autoantibodies diabetes caused by novel mutations in HAMP and overall clinical management. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1522	2.3	o
3	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> , <b>2021</b> , 14, 7925-7931	2.3	
2	Comment on Misra et al. Homozygous Hypomorphic 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> , <b>2020</b> , 43, e154	14.6	
1	A novel antimicrobial peptide derived from human BPIFA1 protein protects against infection.. <i>Innate Immunity</i> , <b>2022</b> , 17534259221080543	2.7	