

Hiromi Hagiwara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11079517/publications.pdf>

Version: 2024-02-01

75
papers

2,126
citations

218677
26
h-index

254184
43
g-index

75
all docs

75
docs citations

75
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Excess iron inhibits osteoblast metabolism. Toxicology Letters, 2009, 191, 211-215.	0.8	142
2	Olive polyphenol hydroxytyrosol prevents bone loss. European Journal of Pharmacology, 2011, 662, 78-84.	3.5	111
3	Quercetin Suppresses Bone Resorption by Inhibiting the Differentiation and Activation of Osteoclasts. Biological and Pharmaceutical Bulletin, 2004, 27, 504-509.	1.4	107
4	Endothelin B receptors are expressed by astrocytes and regulate astrocyte hypertrophy in the normal and injured CNS. Glia, 2003, 41, 180-190.	4.9	93
5	Effects of nicotine on cultured cells suggest that it can influence the formation and resorption of bone. European Journal of Pharmacology, 1999, 383, 387-393.	3.5	89
6	3-Methylcholanthrene, Which Binds to the Arylhydrocarbon Receptor, Inhibits Proliferation and Differentiation of Osteoblasts in Vitro and Ossification in Vivo. Endocrinology, 2002, 143, 3575-3581.	2.8	73
7	Quercetin, a flavonoid, inhibits the proliferation, differentiation, and mineralization of osteoblasts in vitro. European Journal of Pharmacology, 2004, 485, 89-96.	3.5	68
8	Reciprocal Control of Expression of mRNAs for Osteoclast Differentiation Factor and OPG in Osteogenic Stromal Cells by Genistein: Evidence for the Involvement of Topoisomerase II in Osteoclastogenesis. Endocrinology, 2001, 142, 3632-3637.	2.8	66
9	Cloning and expression of eel natriuretic-peptide receptor B and comparison with its mammalian counterparts. FEBS Journal, 1994, 222, 835-842.	0.2	62
10	Apigenin inhibits osteoblastogenesis and osteoclastogenesis and prevents bone loss in ovariectomized mice. Cytotechnology, 2015, 67, 357-365.	1.6	61
11	Curcumin inhibits the proliferation and mineralization of cultured osteoblasts. European Journal of Pharmacology, 2006, 534, 55-62.	3.5	54
12	In Situ Identification of Messenger RNA of Endothelial Type Nitric Oxide Synthase in Rat Cardiac Myocytes. Biochemical and Biophysical Research Communications, 1996, 218, 601-605.	2.1	53
13	Stimulation by C-Type Natriuretic Peptide of the Differentiation of Clonal Osteoblastic MC3T3-E1 Cells. Biochemical and Biophysical Research Communications, 1996, 221, 703-707.	2.1	51
14	Zinc-finger protein ZFP318 is essential for expression of IgD, the alternatively spliced <i>Igh</i> product made by mature B lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4513-4518.	7.1	50
15	Cloning and sequence analysis of cDNA clones for bovine aortic-endothelial-cell transglutaminase. FEBS Journal, 1991, 202, 15-21.	0.2	46
16	Effects of nitric oxide from exogenous nitric oxide donors on osteoblastic metabolism. European Journal of Pharmacology, 1998, 349, 345-350.	3.5	46
17	Inhibition of ossification in vivo and differentiation of osteoblasts in vitro by tributyltin. Biochemical Pharmacology, 2004, 68, 739-746.	4.4	43
18	Role of Ascorbic Acid in the Osteoclast Formation: Induction of Osteoclast Differentiation Factor with Formation of the Extracellular Collagen Matrix*. Endocrinology, 2000, 141, 3006-3011.	2.8	37

#	ARTICLE	IF	CITATIONS
19	Nitric oxide accelerates the ascorbic acid-induced osteoblastic differentiation of mouse stromal ST2 cells by stimulating the production of prostaglandin E2. <i>European Journal of Pharmacology</i> , 2000, 391, 225-231.	3.5	36
20	Tributyltin and triphenyltin inhibit osteoclast differentiation through a retinoic acid receptor-dependent signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 10-15.	2.1	36
21	Natriuretic Peptides and Their Receptors. <i>Zoological Science</i> , 1995, 12, 141-149.	0.7	33
22	Cloning, amino acid sequence and tissue distribution of porcine thimet oligopeptidase. A comparison with soluble angiotensin-binding protein. <i>FEBS Journal</i> , 1994, 221, 159-165.	0.2	32
23	Comparative molecular biology of natriuretic peptide receptors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 665-672.	1.4	32
24	Cloning, Properties, Site-Directed Mutagenesis Analysis of the Subunit Structure, Tissue Distribution and Regulation of Expression of the Type-C Eel Natriuretic Peptide Receptor. <i>FEBS Journal</i> , 1995, 227, 673-680.	0.2	30
25	Successive study on the production of plasminogen activator in cultured endothelial cells by phytosterol. <i>Thrombosis Research</i> , 1984, 36, 217-222.	1.7	28
26	Purification and characterization of angiotensin-binding protein from porcine liver cytosolic fraction. <i>FEBS Journal</i> , 1989, 185, 405-410.	0.2	27
27	Physical and functional association of the atrial natriuretic peptide receptor with particulate guanylate cyclase as demonstrated using detergent extracts of bovine lung membranes. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 101-106.	2.1	26
28	His145-Trp146 Residues and the Disulfide-Linked Loops in Atrial Natriuretic Peptide Receptor Are Critical for the Ligand-Binding Activity ¹ . <i>Journal of Biochemistry</i> , 1994, 115, 563-567.	1.7	26
29	Effects of alkylphenols on bone metabolism in vivo and in vitro. <i>Toxicology Letters</i> , 2008, 181, 13-18.	0.8	26
30	Reciprocal Control of Expression of mRNAs for Osteoclast Differentiation Factor and OPG in Osteogenic Stromal Cells by Genistein: Evidence for the Involvement of Topoisomerase II in Osteoclastogenesis. <i>Endocrinology</i> , 2001, 142, 3632-3637.	2.8	26
31	CHARACTERIZATION OF ATRIAL NATRIURETIC FACTOR RECEPTORS IN ADRENAL CORTEX, VASCULAR SMOOTH MUSCLE AND ENDOTHELIAL CELLS BY AFFINITY LABELING . <i>Biomedical Research</i> , 1986, 7, 35-38.	0.9	24
32	Subtype Switching of Natriuretic Peptide Receptors in Rat Chondrocytes during In Vitro Culture ¹ . <i>Journal of Biochemistry</i> , 1994, 116, 606-609.	1.7	23
33	Runx-2 is not essential for the vitamin D-regulated expression of RANKL and osteoprotegerin in osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 655-660.	2.1	23
34	Interrelation between nitric oxide synthase and heme oxygenase in rat endothelial cells. <i>European Journal of Pharmacology</i> , 1997, 331, 87-91.	3.5	22
35	Inhibition of Proliferation of Chondrocytes by Specific Receptors in Response to Retinoids. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 220-224.	2.1	21
36	Fucosterol decreases angiotensin converting enzyme levels with reduction of glucocorticoid receptors in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 348-352.	2.1	20

#	ARTICLE	IF	CITATIONS
37	Molecular cloning and characteristics of a novel zinc finger protein and its splice variant whose transcripts are expressed during spermatogenesis. Biochemical and Biophysical Research Communications, 2003, 301, 1079-1085.	2.1	20
38	A novel member of the calcitonin gene-related peptide family, calcitonin receptor-stimulating peptide, inhibits the formation and activity of osteoclasts. European Journal of Pharmacology, 2007, 560, 234-239.	3.5	20
39	Abnormal spermatogenesis and male infertility in testicular zinc finger protein <i>Zfp318</i> knockout mice. Development Growth and Differentiation, 2016, 58, 600-608.	1.5	20
40	Gene Expression of Endothelial Type Isoform of Nitric Oxide Synthase in Various Tissues of Stroke-Prone Spontaneously Hypertensive Rats.. Hypertension Research, 1997, 20, 43-49.	2.7	20
41	Endothelins inhibit the mineralization of osteoblastic MC3T3-E1 cells through the A-type endothelin receptor. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1099-R1105.	1.8	19
42	miR-34a-5p might have an important role for inducing apoptosis by down-regulation of SNAIL in apigenin-treated lung cancer cells. Molecular Biology Reports, 2021, 48, 2291-2297.	2.3	19
43	The Transcript for a Novel Protein with a Zinc Finger Motif Is Expressed at Specific Stages of Mouse Spermatogenesis. Biochemical and Biophysical Research Communications, 2000, 273, 398-403.	2.1	18
44	Testicular zinc finger protein recruits histone deacetylase 2 and suppresses the transactivation function and intranuclear foci formation of agonist-bound androgen receptor competitively with TIF2. Molecular and Cellular Endocrinology, 2006, 247, 150-165.	3.2	17
45	A zinc finger protein TZF is a novel corepressor of androgen receptor. Biochemical and Biophysical Research Communications, 2005, 331, 1025-1031.	2.1	16
46	Visible fibrinolysis by endothelial cells: Effect of vitamins and sterols. Bioscience Reports, 1986, 6, 1029-1033.	2.4	15
47	Identification of G protein-coupled endothelin receptors in cultured bovine endothelial cells. Biochemical and Biophysical Research Communications, 1991, 174, 1343-1346.	2.1	15
48	PROPERTIES OF RAT UTERUS ENDOTHELIN RECEPTOR SITES . Biomedical Research, 1990, 11, 93-98.	0.9	15
49	Analysis of aquaporin 9 expression in human epidermis and cultured keratinocytes. FEBS Open Bio, 2014, 4, 611-616.	2.3	14
50	Opposite effects of alternative TZF spliced variants on androgen receptor. Biochemical and Biophysical Research Communications, 2006, 341, 515-521.	2.1	13
51	Cloning, Properties, Site-Directed Mutagenesis Analysis of the Subunit Structure, Tissue Distribution and Regulation of Expression of the Type C Eel Natriuretic Peptide Receptor. FEBS Journal, 1995, 227, 673-680.	0.2	13
52	Solubilization of endothelin receptors from bovine lung plasma membranes in a non-aggregated state and estimation of their minimal functional sizes. Biochemical and Biophysical Research Communications, 1990, 172, 576-581.	2.1	12
53	Endothelium Localization of ETB Receptor Revealed by Immunohistochemistry. Journal of Cardiovascular Pharmacology, 1993, 22, S111-S112.	1.9	12
54	SYNERGISM OF RETINOIDS AND L-ASCORBIC ACID IN PRODUCING PLASMINOGEN ACTIVATOR IN ENDOTHELIAL CELLS . Biomedical Research, 1986, 7, 155-159.	0.9	11

#	ARTICLE	IF	CITATIONS
55	Stimulation of Na-K-Cl cotransport in cultured vascular endothelial cells by atrial natriuretic peptide. Biochemical and Biophysical Research Communications, 1989, 159, 734-740.	2.1	11
56	UNIQUE CONTRACTILE ACTION OF ENDOTHELINS ON PORCINE ISOLATED URETER AND CHARACTERIZATION OF THE ENDOTHELIN-BINDING SITES . Biomedical Research, 1991, 12, 35-39.	0.9	11
57	Cell cycle-dependent changes in tissue transglutaminase mRNA levels in bovine endothelial cells. Biochemical and Biophysical Research Communications, 1992, 187, 14-17.	2.1	10
58	Affinity chromatographic purification of bovine lung endothelin receptor using biotinylated endothelin and avidin-agarose. Journal of Chromatography A, 1992, 597, 331-334.	3.7	10
59	Stimulation by Retinoids of the Natriuretic Peptide System of Osteoblastic MC3T3-E1 Cells. Biochemical and Biophysical Research Communications, 1996, 228, 182-186.	2.1	10
60	Mechanism of activation of particulate guanylate cyclase by atrial natriuretic peptide as deduced from radiation inactivation analysis. Biochemical and Biophysical Research Communications, 1989, 158, 603-609.	2.1	8
61	Human adrenal tumor cell line SW-13 contains a natriuretic peptide receptor system that responds preferentially to ANP among various natriuretic peptides. Biochemical and Biophysical Research Communications, 1990, 173, 886-893.	2.1	7
62	Endothelin action on rat uterus is inhibited by an inhibitor of protein kinase C and by inhibitors of the phospholipase A₂-arachidonic acid-lipoxygenase pathway . Biomedical Research, 1990, 11, 287-289.	0.9	6
63	Carnosic acid inhibits the formation of osteoclasts through attenuation of expression of RANKL. PharmaNutrition, 2015, 3, 1-6.	1.7	5
64	Endothelins Inhibit Mineralization of Rat Calvarial Osteoblast-Like Cells. Journal of Cardiovascular Pharmacology, 1998, 31, S521-S523.	1.9	4
65	Vasoactive Peptide-Regulated Gene Expression During Osteoblastic Differentiation. Journal of Cardiovascular Pharmacology, 2000, 36, S286-S289.	1.9	3
66	Iron overload inhibits calcification and differentiation of ATDC5 cells. Journal of Biochemistry, 2012, 151, 109-114.	1.7	3
67	4-Hydroxyderricin inhibits osteoclast formation and accelerates osteoblast differentiation. Cytotechnology, 2019, 71, 15-22.	1.6	3
68	Inhibition of chloroplast adenosine triphosphatase activity by basic proteins and peptides. FEBS Letters, 1978, 95, 295-298.	2.8	1
69	A potent inhibitory protein of chloroplast or mitochondrial ATPase found in aprotinin preparation. FEBS Letters, 1980, 111, 87-89.	2.8	1
70	Fibrin membrane endowed with biological function. FEBS Letters, 1982, 142, 159-161.	2.8	1
71	Localization of the trichloroethylene-related compound <i>S</i>-(1, 2-dichlorovinyl)-<i>L</i>-cysteine in mouse cartilage. Fundamental Toxicological Sciences, 2019, 6, 249-252.	0.6	0
72	Phytosterol-stimulated production of plasminogen activator in endothelial cells from bovine carotid artery.. Blood & Vessel, 1985, 16, 211-213.	0.0	0

#	ARTICLE	IF	CITATIONS
73	Plasmin inhibitors released from bovine platelets during aggregation.. Blood & Vessel, 1986, 17, 75-77.	0.0	0
74	Induction of fibrinolysis by synergism of vitamins A and C.. Blood & Vessel, 1986, 17, 377-378.	0.0	0
75	Transglutaminase in endothelial cells from bovine carotid artery - Enhancement of the activity by retinol.. Blood & Vessel, 1987, 18, 353-354.	0.0	0