

Hiromi Hagiwara

List of Publications by Year in descending order

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74
papers

2,126
citations

218381

26
h-index

253896

43
g-index

75
all docs

75
docs citations

75
times ranked

2215
citing authors

#	ARTICLE	IF	CITATIONS
1	Excess iron inhibits osteoblast metabolism. <i>Toxicology Letters</i> , 2009, 191, 211-215.	0.4	142
2	Olive polyphenol hydroxytyrosol prevents bone loss. <i>European Journal of Pharmacology</i> , 2011, 662, 78-84.	1.7	111
3	Quercetin Suppresses Bone Resorption by Inhibiting the Differentiation and Activation of Osteoclasts. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 504-509.	0.6	107
4	Endothelin B receptors are expressed by astrocytes and regulate astrocyte hypertrophy in the normal and injured CNS. <i>Glia</i> , 2003, 41, 180-190.	2.5	93
5	Effects of nicotine on cultured cells suggest that it can influence the formation and resorption of bone. <i>European Journal of Pharmacology</i> , 1999, 383, 387-393.	1.7	89
6	3-Methylcholanthrene, Which Binds to the Arylhydrocarbon Receptor, Inhibits Proliferation and Differentiation of Osteoblasts in Vitro and Ossification in Vivo. <i>Endocrinology</i> , 2002, 143, 3575-3581.	1.4	73
7	Quercetin, a flavonoid, inhibits the proliferation, differentiation, and mineralization of osteoblasts in vitro. <i>European Journal of Pharmacology</i> , 2004, 485, 89-96.	1.7	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. <i>Endocrinology</i> , 2001, 142, 3632-3637.	1.4	66
9	Cloning and expression of eel natriuretic-peptide receptor B and comparison with its mammalian counterparts. <i>FEBS Journal</i> , 1994, 222, 835-842.	0.2	62
10	Apigenin inhibits osteoblastogenesis and osteoclastogenesis and prevents bone loss in ovariectomized mice. <i>Cytotechnology</i> , 2015, 67, 357-365.	0.7	61
11	Curcumin inhibits the proliferation and mineralization of cultured osteoblasts. <i>European Journal of Pharmacology</i> , 2006, 534, 55-62.	1.7	54
12	In Situ Identification of Messenger RNA of Endothelial Type Nitric Oxide Synthase in Rat Cardiac Myocytes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 601-605.	1.0	53
13	Stimulation by C-Type Natriuretic Peptide of the Differentiation of Clonal Osteoblastic MC3T3-E1 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 703-707.	1.0	51
14	Zinc-finger protein ZFP318 is essential for expression of IgD, the alternatively spliced <i>Igh</i> product made by mature B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4513-4518.	3.3	50
15	Cloning and sequence analysis of cDNA clones for bovine aortic-endothelial-cell transglutaminase. <i>FEBS Journal</i> , 1991, 202, 15-21.	0.2	46
16	Effects of nitric oxide from exogenous nitric oxide donors on osteoblastic metabolism. <i>European Journal of Pharmacology</i> , 1998, 349, 345-350.	1.7	46
17	Inhibition of ossification in vivo and differentiation of osteoblasts in vitro by tributyltin. <i>Biochemical Pharmacology</i> , 2004, 68, 739-746.	2.0	43
18	Role of Ascorbic Acid in the Osteoclast Formation: Induction of Osteoclast Differentiation Factor with Formation of the Extracellular Collagen Matrix*. <i>Endocrinology</i> , 2000, 141, 3006-3011.	1.4	37

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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.	1.7	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.	1.0	36
21	Natriuretic Peptides and Their Receptors. <i>Zoological Science</i> , 1995, 12, 141-149.	0.3	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.	0.7	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.	0.8	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.	1.0	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.	0.9	26
29	Effects of alkylphenols on bone metabolism in vivo and in vitro. <i>Toxicology Letters</i> , 2008, 181, 13-18.	0.4	26
30	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.	0.3	24
31	Subtype Switching of Natriuretic Peptide Receptors in Rat Chondrocytes during In Vitro Culture ¹ . <i>Journal of Biochemistry</i> , 1994, 116, 606-609.	0.9	23
32	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.	1.0	23
33	Interrelation between nitric oxide synthase and heme oxygenase in rat endothelial cells. <i>European Journal of Pharmacology</i> , 1997, 331, 87-91.	1.7	22
34	Inhibition of Proliferation of Chondrocytes by Specific Receptors in Response to Retinoids. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 220-224.	1.0	21
35	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.	1.0	20
36	Molecular cloning and characteristics of a novel zinc finger protein and its splice variant whose transcripts are expressed during spermatogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 1079-1085.	1.0	20

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37	A novel member of the calcitonin gene-related peptide family, calcitonin receptor-stimulating peptide, inhibits the formation and activity of osteoclasts. <i>European Journal of Pharmacology</i> , 2007, 560, 234-239.	1.7	20
38	Abnormal spermatogenesis and male infertility in testicular zinc finger protein <i>Zfp318</i> knockout mice. <i>Development Growth and Differentiation</i> , 2016, 58, 600-608.	0.6	20
39	Gene Expression of Endothelial Type Isoform of Nitric Oxide Synthase in Various Tissues of Stroke-Prone Spontaneously Hypertensive Rats.. <i>Hypertension Research</i> , 1997, 20, 43-49.	1.5	20
40	Endothelins inhibit the mineralization of osteoblastic MC3T3-E1 cells through the A-type endothelin receptor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R1099-R1105.	0.9	19
41	miR-34a-5p might have an important role for inducing apoptosis by down-regulation of SNAIL in apigenin-treated lung cancer cells. <i>Molecular Biology Reports</i> , 2021, 48, 2291-2297.	1.0	19
42	The Transcript for a Novel Protein with a Zinc Finger Motif Is Expressed at Specific Stages of Mouse Spermatogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 398-403.	1.0	18
43	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. <i>Molecular and Cellular Endocrinology</i> , 2006, 247, 150-165.	1.6	17
44	A zinc finger protein TZF is a novel corepressor of androgen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1025-1031.	1.0	16
45	Visible fibrinolysis by endothelial cells: Effect of vitamins and sterols. <i>Bioscience Reports</i> , 1986, 6, 1029-1033.	1.1	15
46	Identification of G protein-coupled endothelin receptors in cultured bovine endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 1343-1346.	1.0	15
47	PROPERTIES OF RAT UTERUS ENDOTHELIN RECEPTOR SITES . <i>Biomedical Research</i> , 1990, 11, 93-98.	0.3	15
48	Analysis of aquaporin 9 expression in human epidermis and cultured keratinocytes. <i>FEBS Open Bio</i> , 2014, 4, 611-616.	1.0	14
49	Opposite effects of alternative TZF spliced variants on androgen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 515-521.	1.0	13
50	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	13
51	Solubilization of endothelin receptors from bovine lung plasma membranes in a non-aggregated state and estimation of their minimal functional sizes. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 576-581.	1.0	12
52	Endothelium Localization of ETB Receptor Revealed by Immunohistochemistry. <i>Journal of Cardiovascular Pharmacology</i> , 1993, 22, S111-S112.	0.8	12
53	SYNERGISM OF RETINOIDS AND L-ASCORBIC ACID IN PRODUCING PLASMINOGEN ACTIVATOR IN ENDOTHELIAL CELLS . <i>Biomedical Research</i> , 1986, 7, 155-159.	0.3	11
54	Stimulation of Na-K-Cl cotransport in cultured vascular endothelial cells by atrial natriuretic peptide. <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 734-740.	1.0	11

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55	UNIQUE CONTRACTILE ACTION OF ENDOTHELINS ON PORCINE ISOLATED URETER AND CHARACTERIZATION OF THE ENDOTHELIN-BINDING SITES . Biomedical Research, 1991, 12, 35-39.	0.3	11
56	Cell cycle-dependent changes in tissue transglutaminase mRNA levels in bovine endothelial cells. Biochemical and Biophysical Research Communications, 1992, 187, 14-17.	1.0	10
57	Affinity chromatographic purification of bovine lung endothelin receptor using biotinylated endothelin and avidin-agarose. Journal of Chromatography A, 1992, 597, 331-334.	1.8	10
58	Stimulation by Retinoids of the Natriuretic Peptide System of Osteoblastic MC3T3-E1 Cells. Biochemical and Biophysical Research Communications, 1996, 228, 182-186.	1.0	10
59	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.	1.0	8
60	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.	1.0	7
61	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.	0.3	6
62	Carnosic acid inhibits the formation of osteoclasts through attenuation of expression of RANKL. PharmaNutrition, 2015, 3, 1-6.	0.8	5
63	Endothelins Inhibit Mineralization of Rat Calvarial Osteoblast-Like Cells. Journal of Cardiovascular Pharmacology, 1998, 31, S521-S523.	0.8	4
64	Vasoactive Peptide-Regulated Gene Expression During Osteoblastic Differentiation. Journal of Cardiovascular Pharmacology, 2000, 36, S286-S289.	0.8	3
65	Iron overload inhibits calcification and differentiation of ATDC5 cells. Journal of Biochemistry, 2012, 151, 109-114.	0.9	3
66	4-Hydroxyderricin inhibits osteoclast formation and accelerates osteoblast differentiation. Cytotechnology, 2019, 71, 15-22.	0.7	3
67	Inhibition of chloroplast adenosine triphosphatase activity by basic proteins and peptides. FEBS Letters, 1978, 95, 295-298.	1.3	1
68	A potent inhibitory protein of chloroplast or mitochondrial ATPase found in aprotinin preparation. FEBS Letters, 1980, 111, 87-89.	1.3	1
69	Fibrin membrane endowed with biological function. FEBS Letters, 1982, 142, 159-161.	1.3	1
70	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.	0.2	0
71	Phytosterol-stimulated production of plasminogen activator in endothelial cells from bovine carotid artery.. Blood & Vessel, 1985, 16, 211-213.	0.0	0
72	Plasmin inhibitors released from bovine platelets during aggregation.. Blood & Vessel, 1986, 17, 75-77.	0.0	0

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73	Induction of fibrinolysis by synergism of vitamins A and C.. Blood & Vessel, 1986, 17, 377-378.	0.0	0
74	Transglutaminase in endothelial cells from bovine carotid artery - Enhancement of the activity by retinol.. Blood & Vessel, 1987, 18, 353-354.	0.0	0