

Kazunori Hamamura

List of Publications by Year in descending order

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66
papers

2,222
citations

186265
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docs citations

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times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthodontic tooth movement-activated sensory neurons contribute to enhancing osteoclast activity and tooth movement through sympathetic nervous signalling. <i>European Journal of Orthodontics</i> , 2022, 44, 404-411.	2.4	10
2	Signaling domains of cancer-associated glycolipids. <i>Glycoconjugate Journal</i> , 2022, 39, 145-155.	2.7	9
3	Ganglioside GD2 Enhances the Malignant Phenotypes of Melanoma Cells by Cooperating with Integrins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 423.	4.1	16
4	Lewis y Expressed in Oral Squamous Cell Carcinoma Attenuates Malignant Properties via Down-regulation of EGF Signaling. <i>Anticancer Research</i> , 2021, 41, 1821-1830.	1.1	2
5	Suppression of alveolar bone resorption by salubrinal in a mouse model of periodontal disease. <i>Life Sciences</i> , 2021, 284, 119938.	4.3	8
6	Guanabenz inhibits alveolar bone resorption in a rat model of periodontitis. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 294-304.	2.5	5
7	Contribution of Glucosylceramide Synthase to the Proliferation of Mouse Osteoblasts. <i>In Vivo</i> , 2021, 35, 3111-3123.	1.3	3
8	SSEA-3 and 4 are not essential for the induction or properties of mouse iPS cells. <i>Journal of Oral Science</i> , 2020, 62, 393-396.	1.7	3
9	Effects of Glucocorticoids on Diurnal Variations in Experimental Tooth Movement. <i>Journal of Hard Tissue Biology</i> , 2020, 29, 231-238.	0.4	0
10	Deletion of Gb3 Synthase in Mice Resulted in the Attenuation of Bone Formation via Decrease in Osteoblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4619.	4.1	7
11	Deficiency of GD3 Synthase in Mice Resulting in the Attenuation of Bone Loss with Aging. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2825.	4.1	11
12	New era of research on cancer-associated glycosphingolipids. <i>Cancer Science</i> , 2019, 110, 1544-1551.	3.9	59
13	Systemic administration of low-dose naltrexone increases bone mass due to blockade of opioid growth factor receptor signaling in mice osteoblasts. <i>Life Sciences</i> , 2019, 224, 232-240.	4.3	16
14	eIF2 γ signaling regulates autophagy of osteoblasts and the development of osteoclasts in OVX mice. <i>Cell Death and Disease</i> , 2019, 10, 921.	6.3	60
15	Differential roles of gangliosides in malignant properties of melanomas. <i>PLoS ONE</i> , 2018, 13, e0206881.	2.5	48
16	Suppression of osteoclastogenesis via α_1 -adrenergic receptors. <i>Biomedical Reports</i> , 2018, 8, 407-416.	2.0	11
17	Conditioned medium from rat dental pulp reduces the number of osteoclasts via attenuation of adhesiveness in osteoclast precursors. <i>Journal of Oral Science</i> , 2018, 60, 352-359.	1.7	3
18	Inhibition of de-phosphorylation of eIF2 γ suppresses osteoclastogenesis via upregulation of Zfyve21 and Ddit4. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-3-15.	0.0	0

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19	Bidirectional communication between sensory neurons and osteoblasts in an <i>in vitro</i> coculture system. <i>FEBS Letters</i> , 2017, 591, 527-539.	2.8	15
20	Reduction in Migratory Phenotype in a Metastasized Breast Cancer Cell Line via Downregulation of S100A4 and GRM3. <i>Scientific Reports</i> , 2017, 7, 3459.	3.3	23
21	Role of miR-222-3p in c-Src-Mediated Regulation of Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 240.	4.1	22
22	Guanabenz Downregulates Inflammatory Responses via eIF2 γ Dependent and Independent Signaling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 674.	4.1	14
23	β -Adrenoceptor signalling regulates bone formation through the up-regulation of CCAAT/enhancer-binding protein 1 γ expression in osteoblasts. <i>British Journal of Pharmacology</i> , 2016, 173, 1058-1069.	5.4	27
24	Salubrinal improves mechanical properties of the femur in osteogenesis imperfecta mice. <i>Journal of Pharmacological Sciences</i> , 2016, 132, 154-161.	2.5	20
25	A therapeutic trial of human melanomas with combined small interfering RNAs targeting adaptor molecules p130Cas and paxillin activated under expression of ganglioside GD3. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1753-1763.	2.4	12
26	Salubrinal acts as a Dusp2 inhibitor and suppresses inflammation in anti-collagen antibody-induced arthritis. <i>Cellular Signalling</i> , 2015, 27, 828-835.	3.6	38
27	Suppressed invasive and migratory behaviors of SW1353 chondrosarcoma cells through the regulation of Src, Rac1 GTPase, and MMP13. <i>Cellular Signalling</i> , 2015, 27, 2332-2342.	3.6	25
28	MSC Transplantation Improves Osteopenia via Epigenetic Regulation of Notch Signaling in Lupus. <i>Cell Metabolism</i> , 2015, 22, 606-618.	16.2	195
29	In vitro and in silico analysis of an inhibitory mechanism of osteoclastogenesis by salubrinal and guanabenz. <i>Cellular Signalling</i> , 2015, 27, 353-362.	3.6	29
30	Enhancement of osteoblastogenesis and suppression of osteoclastogenesis by inhibition of de-phosphorylation of eukaryotic translation initiation factor 2 alpha. <i>Receptors & Clinical Investigation</i> , 2015, 2, .	0.9	4
31	Predicting and validating the pathway of Wnt3a-driven suppression of osteoclastogenesis. <i>Cellular Signalling</i> , 2014, 26, 2358-2369.	3.6	15
32	Attenuation of malignant phenotypes of breast cancer cells through eIF2 γ -mediated downregulation of Rac1 signaling. <i>International Journal of Oncology</i> , 2014, 44, 1980-1988.	3.3	36
33	Effects of salubrinal on development of osteoclasts and osteoblasts from bone marrow-derived cells. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 197.	1.9	32
34	Lewis y antigen is expressed in oral squamous cell carcinoma cell lines and tissues, but disappears in the invasive regions leading to the enhanced malignant properties irrespective of sialyl-Lewis x. <i>Glycoconjugate Journal</i> , 2013, 30, 585-597.	2.7	9
35	Knee loading reduces MMP13 activity in the mouse cartilage. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 312.	1.9	33
36	Suppression of osteoclastogenesis through phosphorylation of eukaryotic translation initiation factor 2 alpha. <i>Journal of Bone and Mineral Metabolism</i> , 2013, 31, 618-628.	2.7	47

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37	Trimeric Tn Antigen on Syndecan 1 Produced by ppGalNAc-T13 Enhances Cancer Metastasis via a Complex Formation with Integrin $\alpha_5\beta_1$ and Matrix Metalloproteinase 9. <i>Journal of Biological Chemistry</i> , 2013, 288, 24264-24276.	3.4	29
38	Fine tuning of cell signals by glycosylation. <i>Journal of Biochemistry</i> , 2012, 151, 573-578.	1.7	61
39	RhoA-Mediated Signaling in Mechanotransduction of Osteoblasts. <i>Connective Tissue Research</i> , 2012, 53, 398-406.	2.3	53
40	Proteomic analysis of ganglioside-associated membrane molecules: Substantial basis for molecular clustering. <i>Proteomics</i> , 2012, 12, 3154-3163.	2.2	44
41	Disialyl gangliosides enhance tumor phenotypes with differential modalities. <i>Glycoconjugate Journal</i> , 2012, 29, 579-584.	2.7	50
42	pp-GalNAc-T13 induces high metastatic potential of murine Lewis lung cancer by generating trimeric Tn antigen. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 7-13.	2.1	28
43	Salubrinal promotes healing of surgical wounds in rat femurs. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 568-579.	2.7	27
44	Hydroxyapatite Modulates mRNA Expression Profiles in Cultured Osteocytes. <i>Cellular and Molecular Bioengineering</i> , 2012, 5, 217-226.	2.1	1
45	Enhancement of malignant properties of human osteosarcoma cells with disialyl gangliosides GD2/GD3. <i>Cancer Science</i> , 2012, 103, 1656-1664.	3.9	91
46	Positive Feedback Loop Between PI3K-Akt-mTORC1 Signaling and the Lipogenic Pathway Boosts Akt Signaling: Induction of the Lipogenic Pathway by a Melanoma Antigen. <i>Cancer Research</i> , 2011, 71, 4989-4997.	0.9	85
47	Functional Activation of Src Family Kinase Yes Protein Is Essential for the Enhanced Malignant Properties of Human Melanoma Cells Expressing Ganglioside GD3. <i>Journal of Biological Chemistry</i> , 2011, 286, 18526-18537.	3.4	64
48	ECM-dependent mRNA expression profiles and phosphorylation patterns of p130Cas, FAK, ERK and p38 MAPK of osteoblast-like cells. <i>Cell Biology International</i> , 2010, 34, 1005-1012.	3.0	12
49	Lengthening of mouse hindlimbs with joint loading. <i>Journal of Bone and Mineral Metabolism</i> , 2010, 28, 268-275.	2.7	16
50	GM1/GD1/GA1 synthase expression results in the reduced cancer phenotypes with modulation of composition and raft localization of gangliosides in a melanoma cell line. <i>Cancer Science</i> , 2010, 101, 2039-2047.	3.9	39
51	Ganglioside GD3 Enhances Adhesion Signals and Augments Malignant Properties of Melanoma Cells by Recruiting Integrins to Glycolipid-enriched Microdomains. <i>Journal of Biological Chemistry</i> , 2010, 285, 27213-27223.	3.4	95
52	Involvement of p38 MAPK in regulation of MMP13 mRNA in chondrocytes in response to surviving stress to endoplasmic reticulum. <i>Archives of Oral Biology</i> , 2009, 54, 279-286.	1.8	50
53	Potential Applications of Pulsating Joint Loading in Sports Medicine. <i>Exercise and Sport Sciences Reviews</i> , 2009, 37, 52-56.	3.0	17
54	Microarray analysis of thapsigargin-induced stress to the endoplasmic reticulum of mouse osteoblasts. <i>Journal of Bone and Mineral Metabolism</i> , 2008, 26, 231-240.	2.7	16

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55	Molecules in the signaling pathway activated by gangliosides can be targets of therapeutics for malignant melanomas. <i>Proteomics</i> , 2008, 8, 3312-3316.	2.2	22
56	IGF2-driven PI3 kinase and TGF β 2 signaling pathways in chondrogenesis. <i>Cell Biology International</i> , 2008, 32, 1238-1246.	3.0	34
57	Focal adhesion kinase as well as p130Cas and paxillin is crucially involved in the enhanced malignant properties under expression of ganglioside GD3 in melanoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 513-519.	2.4	48
58	Essential roles of integrin-mediated signaling for the enhancement of malignant properties of melanomas based on the expression of GD3. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 14-19.	2.1	27
59	A Brief Review of Bone Adaptation to Unloading. <i>Genomics, Proteomics and Bioinformatics</i> , 2008, 6, 4-7.	6.9	53
60	PEG attachment to osteoblasts enhances mechanosensitivity. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 025017.	3.3	4
61	Stress to endoplasmic reticulum of mouse osteoblasts induces apoptosis and transcriptional activation for bone remodeling. <i>FEBS Letters</i> , 2007, 581, 1769-1774.	2.8	66
62	Model-based Comparative Prediction of Transcription-Factor Binding Motifs in Anabolic Responses in Bone. <i>Genomics, Proteomics and Bioinformatics</i> , 2007, 5, 158-165.	6.9	5
63	Overexpression of caveolin-1 in a human melanoma cell line results in dispersion of ganglioside GD3 from lipid rafts and alteration of leading edges, leading to attenuation of malignant properties. <i>Cancer Science</i> , 2007, 98, 512-520.	3.9	43
64	Biosignals Modulated by Tumor-Associated Carbohydrate Antigens: Novel Targets for Cancer Therapy. <i>Annals of the New York Academy of Sciences</i> , 2006, 1086, 185-198.	3.8	45
65	Mechanisms for the Apoptosis of Small Cell Lung Cancer Cells Induced by Anti-GD2 Monoclonal Antibodies. <i>Journal of Biological Chemistry</i> , 2005, 280, 29828-29836.	3.4	90
66	Ganglioside GD3 promotes cell growth and invasion through p130Cas and paxillin in malignant melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11041-11046.	7.1	140