

Jan-Olof Winberg

List of Publications by Year in descending order

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27
papers

1,213
citations

567281

15
h-index

526287

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27
all docs

27
docs citations

27
times ranked

1994
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of matrix metalloproteinase activity in health and disease. <i>FEBS Journal</i> , 2011, 278, 28-45.	4.7	313
2	Matrix metalloproteinases in cancer: their value as diagnostic and prognostic markers and therapeutic targets. <i>Tumor Biology</i> , 2013, 34, 2041-2051.	1.8	305
3	Macrophages Secrete Matrix Metalloproteinase 9 Covalently Linked to the Core Protein of Chondroitin Sulphate Proteoglycans. <i>Journal of Molecular Biology</i> , 2000, 304, 669-680.	4.2	79
4	Gelatin In Situ Zymography on Fixed, Paraffin-embedded Tissue: Zinc and Ethanol Fixation Preserve Enzyme Activity. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 29-39.	2.5	63
5	S100A4 regulates membrane induced activation of matrix metalloproteinase-2 in osteosarcoma cells. <i>Clinical and Experimental Metastasis</i> , 2003, 20, 701-711.	3.3	55
6	Biological and Pathobiological Functions of Gelatinase Dimers and Complexes. <i>Connective Tissue Research</i> , 2008, 49, 180-184.	2.3	47
7	Calcium-induced activation and truncation of promatrix metalloproteinase-9 linked to the core protein of chondroitin sulfate proteoglycans. <i>FEBS Journal</i> , 2003, 270, 3996-4007.	0.2	46
8	<i>In vitro</i> reconstitution of complexes between pro-matrix metalloproteinase-9 and the proteoglycans serglycin and versican. <i>FEBS Journal</i> , 2013, 280, 2870-2887.	4.7	40
9	Inhibition of chemerin/CMKLR1 axis in neuroblastoma cells reduces clonogenicity and cell viability <i>in vitro</i> and impairs tumor growth <i>in vivo</i> . <i>Oncotarget</i> , 2017, 8, 95135-95151.	1.8	40
10	Interaction of Pro-matrix Metalloproteinase-9/Proteoglycan Heteromer with Gelatin and Collagen. <i>Journal of Biological Chemistry</i> , 2008, 283, 13652-13665.	3.4	29
11	Pancreatic Trypsin Activates Human Promatrix Metalloproteinase-2. <i>Journal of Molecular Biology</i> , 2005, 350, 682-698.	4.2	26
12	Cleavage of the urokinase receptor (uPAR) on oral cancer cells: regulation by transforming growth factor β 1 (TGF- β 1) and potential effects on migration and invasion. <i>BMC Cancer</i> , 2017, 17, 350.	2.6	25
13	Gelatinase Expression in Generalized Epidermolysis Bullosa Simplex Fibroblasts. <i>Journal of Investigative Dermatology</i> , 1986, 87, 326-329.	0.7	24
14	Colchicine induces membrane-associated activation of matrix metalloproteinase-2 in osteosarcoma cells in an S100A4-independent manner. <i>Biochemical Pharmacology</i> , 2003, 66, 2341-2353.	4.4	21
15	Inhibition of pseudolysin and thermolysin by hydroxamate-based MMP inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 340-348.	5.5	18
16	PAC-1 and isatin derivatives are weak matrix metalloproteinase inhibitors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3162-3169.	2.4	15
17	Synthesis, experimental evaluation and molecular modelling of hydroxamate derivatives as zinc metalloproteinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 141-153.	5.5	13
18	The selectivity of galardin and an azasugar-based hydroxamate compound for human matrix metalloproteases and bacterial metalloproteases. <i>PLoS ONE</i> , 2018, 13, e0200237.	2.5	11

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19	Tumour Microenvironments Induce Expression of Urokinase Plasminogen Activator Receptor (uPAR) and Concomitant Activation of Gelatinolytic Enzymes. PLoS ONE, 2014, 9, e105929.	2.5	10
20	Salmon and king crab trypsin stimulate interleukin-8 and matrix metalloproteinases via protease-activated receptor-2 in the skin keratinocytic HaCaT cell line. Food and Chemical Toxicology, 2014, 69, 303-311.	3.6	8
21	Inhibition of bacterial and human zinc-metalloproteases by bisphosphonate- and catechol-containing compounds. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 819-830.	5.2	7
22	Biosynthesis of Promatrix Metalloproteinase-9/Chondroitin Sulphate Proteoglycan Heteromer Involves a Rottlerin-Sensitive Pathway. PLoS ONE, 2011, 6, e20616.	2.5	7
23	A Sensitive Assay for Proteases in Bioaerosol Samples: Characterization and Quantification of Airborne Proteases in Salmon Industry Work Environments. Annals of Work Exposures and Health, 2018, 62, 942-952.	1.4	4
24	Zinc-Chelating Compounds as Inhibitors of Human and Bacterial Zinc Metalloproteases. Molecules, 2022, 27, 56.	3.8	3
25	Molecular Interactions Stabilizing the Promatrix Metalloprotease-9-Serglycin Heteromer. International Journal of Molecular Sciences, 2020, 21, 4205.	4.1	2
26	Method for Determining Gelatinolytic Activity in Tissue: In Situ Gelatin Zymography. Methods in Molecular Biology, 2019, 1952, 193-199.	0.9	1
27	Method for Determining Gelatinolytic Activity in Tissue Extracts: Real-Time Gelatin Zymography. Methods in Molecular Biology, 2019, 1952, 201-210.	0.9	1