

Liisa Nissinen

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,377
citations

236612

25
h-index

205818

48
g-index

50
all docs

50
docs citations

50
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix metalloproteinases in inflammation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2571-2580.	1.1	344
2	Selective Binding of Collagen Subtypes by Integrin $\alpha 11$, $\alpha 21$, and $\alpha 101$ Domains. <i>Journal of Biological Chemistry</i> , 2001, 276, 48206-48212.	1.6	221
3	Internalization of Echovirus 1 in Caveolae. <i>Journal of Virology</i> , 2002, 76, 1856-1865.	1.5	219
4	Integrin $\alpha 2\beta 1$ Promotes Activation of Protein Phosphatase 2A and Dephosphorylation of Akt and Glycogen Synthase Kinase 3β . <i>Molecular and Cellular Biology</i> , 2002, 22, 1352-1359.	1.1	164
5	Molecular mechanism of $\alpha 2\beta 1$ integrin interaction with human echovirus 1. <i>EMBO Journal</i> , 2010, 29, 196-208.	3.5	83
6	Complement Factor I Promotes Progression of Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2015, 135, 579-588.	0.3	68
7	The Fibril-associated Collagen IX Provides a Novel Mechanism for Cell Adhesion to Cartilaginous Matrix. <i>Journal of Biological Chemistry</i> , 2004, 279, 51677-51687.	1.6	65
8	Complement Component C3 and Complement Factor B Promote Growth of Cutaneous Squamous Cell Carcinoma. <i>American Journal of Pathology</i> , 2017, 187, 1186-1197.	1.9	63
9	Long Noncoding RNA PICSAR Promotes Growth of Cutaneous Squamous Cell Carcinoma by Regulating ERK1/2 Activity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1701-1710.	0.3	61
10	New perspectives on role of tumor microenvironment in progression of cutaneous squamous cell carcinoma. <i>Cell and Tissue Research</i> , 2016, 365, 691-702.	1.5	60
11	Tumor cell-specific AIM2 regulates growth and invasion of cutaneous squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 45825-45836.	0.8	59
12	The genome of echovirus 11. <i>Virus Research</i> , 1995, 35, 215-222.	1.1	50
13	Bone Morphogenetic Protein-2 Is a Regulator of Cell Adhesion. <i>Experimental Cell Research</i> , 1997, 230, 377-385.	1.2	49
14	EphB2 Promotes Progression of Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1882-1892.	0.3	48
15	Echovirus 1 Infection Induces both Stress- and Growth-Activated Mitogen-Activated Protein Kinase Pathways and Regulates the Transcription of Cellular Immediate-Early Genes. <i>Virology</i> , 1998, 250, 85-93.	1.1	45
16	Integrin and dystrophin associated adhesion protein complexes during regeneration of shearing-type muscle injury. <i>Neuromuscular Disorders</i> , 2000, 10, 121-132.	0.3	45
17	Calpain 1 and 2 Are Required for RNA Replication of Echovirus 1. <i>Journal of Virology</i> , 2008, 82, 1581-1590.	1.5	41
18	A small-molecule inhibitor of integrin $\alpha 2\beta 1$ introduces a new strategy for antithrombotic therapy. <i>Thrombosis and Haemostasis</i> , 2010, 103, 387-397.	1.8	40

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19	MicroRNA-203 Inversely Correlates with Differentiation Grade, Targets c-MYC, and Functions as a Tumor Suppressor in cSCC. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2485-2494.	0.3	39
20	Expression of $\alpha 7 \beta 1$ Integrin Splicing Variants during Skeletal Muscle Regeneration. <i>American Journal of Pathology</i> , 2002, 161, 1023-1031.	1.9	38
21	Novel $\alpha 2 \beta 1$ Integrin Inhibitors Reveal That Integrin Binding to Collagen under Shear Stress Conditions Does Not Require Receptor Preactivation. <i>Journal of Biological Chemistry</i> , 2012, 287, 44694-44702.	1.6	37
22	Heparin-like Polysaccharides Reduce Osteolytic Bone Destruction and Tumor Growth in a Mouse Model of Breast Cancer Bone Metastasis. <i>Molecular Cancer Research</i> , 2012, 10, 597-604.	1.5	35
23	p53-Regulated Long Noncoding RNA PRECSIT Promotes Progression of Cutaneous Squamous Cell Carcinoma via STAT3 Signaling. <i>American Journal of Pathology</i> , 2020, 190, 503-517.	1.9	33
24	Long non-coding RNA PICSAR decreases adhesion and promotes migration of squamous carcinoma cells by downregulating $\alpha 2 \beta 1$ and $\alpha 5 \beta 1$ integrin expression. <i>Biology Open</i> , 2018, 7, .	0.6	31
25	O-Sulfated Bacterial Polysaccharides with Low Anticoagulant Activity Inhibit Metastasis. <i>Seminars in Thrombosis and Hemostasis</i> , 2007, 33, 547-556.	1.5	30
26	Regulation of prostate cell collagen receptors by malignant transformation. <i>International Journal of Cancer</i> , 2006, 118, 889-898.	2.3	28
27	The Role of p53 in Progression of Cutaneous Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 4507.	1.7	28
28	Complement System in Cutaneous Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3550.	1.8	26
29	Depletion of αV integrins from osteosarcoma cells by intracellular antibody expression induces bone differentiation marker genes and suppresses gelatinase (MMP-2) synthesis. <i>Matrix Biology</i> , 1999, 18, 239-251.	1.5	25
30	Small Molecule Designed to Target Metal Binding Site in the $\alpha 2 \beta 1$ Domain Inhibits Integrin Function. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2742-2746.	2.9	24
31	Calpains promote $\alpha 2 \beta 1$ integrin turnover in nonrecycling integrin pathway. <i>Molecular Biology of the Cell</i> , 2012, 23, 448-463.	0.9	23
32	H-Ras activation and fibroblast-induced TGF- $\beta 2$ signaling promote laminin-332 accumulation and invasion in cutaneous squamous cell carcinoma. <i>Matrix Biology</i> , 2020, 87, 26-47.	1.5	23
33	Matrix metalloproteinases in keratinocyte carcinomas. <i>Experimental Dermatology</i> , 2021, 30, 50-61.	1.4	23
34	Risk Factors and Prognosis for Metastatic Cutaneous Squamous Cell Carcinoma: A Cohort Study. <i>Acta Dermato-Venereologica</i> , 2020, 100, adv00266.	0.6	23
35	Transcription of $\alpha 2$ Integrin Gene in Osteosarcoma Cells Is Enhanced by Tumor Promoters. <i>Experimental Cell Research</i> , 1998, 243, 1-10.	1.2	20
36	Dasatinib promotes apoptosis of cutaneous squamous carcinoma cells by regulating activation of ERK1/2. <i>Experimental Dermatology</i> , 2017, 26, 89-92.	1.4	20

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37	C1r Upregulates Production of Matrix Metalloproteinase-13 and Promotes Invasion of Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1478-1488.e9.	0.3	19
38	p38 β mitogen-activated protein kinase regulates the expression of tight junction protein ZO-1 in differentiating human epidermal keratinocytes. <i>Archives of Dermatological Research</i> , 2014, 306, 131-141.	1.1	18
39	Fluorescent Small Molecule Probe to Modulate and Explore α 2 β 1 Integrin Function. <i>Journal of the American Chemical Society</i> , 2011, 133, 14558-14561.	6.6	15
40	Expression of claudin-11 by tumor cells in cutaneous squamous cell carcinoma is dependent on the activity of p38 β . <i>Experimental Dermatology</i> , 2017, 26, 771-777.	1.4	12
41	Long non-coding RNAs in cutaneous biology and keratinocyte carcinomas. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4601-4614.	2.4	12
42	Signaling pathways in human osteoclasts differentiation: ERK1/2 as a key player. <i>Molecular Biology Reports</i> , 2021, 48, 1243-1254.	1.0	11
43	Identification of metastatic primary cutaneous squamous cell carcinoma utilizing artificial intelligence analysis of whole slide images. <i>Scientific Reports</i> , 2022, 12, .	1.6	11
44	Sulfonamide inhibitors of α 2 β 1 integrin reveal the essential role of collagen receptors in in vivo models of inflammation. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00146.	1.1	9
45	ADAMTS5. <i>American Journal of Pathology</i> , 2012, 181, 743-745.	1.9	8
46	Complement factor I upregulates expression of matrix metalloproteinase-13 and -2 and promotes invasion of cutaneous squamous carcinoma cells. <i>Experimental Dermatology</i> , 2021, 30, 1631-1641.	1.4	8
47	Complement Factor D Is a Novel Biomarker and Putative Therapeutic Target in Cutaneous Squamous Cell Carcinoma. <i>Cancers</i> , 2022, 14, 305.	1.7	8
48	The Viability and Growth of HaCaT Cells After Exposure to Bioactive Glass S53P4-Containing Cell Culture Media. <i>Otology and Neurotology</i> , 2021, 42, e559-e567.	0.7	7
49	Blockage of collagen binding to integrin α 2 β 1: structure-activity relationship of protein-protein interaction inhibitors. <i>MedChemComm</i> , 2011, 2, 764.	3.5	6
50	Platelet response to a small molecule inhibitor of α 2 β 1 integrin is associated with <i>ITGA2</i> C807T dimorphism. <i>Platelets</i> , 2016, 27, 378-380.	1.1	2