

Frederic Saltel

List of Publications by Year in descending order

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63
papers

4,558
citations

126907

33
h-index

118850

62
g-index

67
all docs

67
docs citations

67
times ranked

6096
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual effect of strontium ranelate: Stimulation of osteoblast differentiation and inhibition of osteoclast formation and resorption in vitro. <i>Bone</i> , 2008, 42, 129-138.	2.9	705
2	Podosomes Display Actin Turnover and Dynamic Self-Organization in Osteoclasts Expressing Actin-Green Fluorescent Protein. <i>Molecular Biology of the Cell</i> , 2003, 14, 407-416.	2.1	400
3	The mechanisms and dynamics of $\alpha_3\beta_1$ integrin clustering in living cells. <i>Journal of Cell Biology</i> , 2005, 171, 383-392.	5.2	315
4	Podosome and sealing zone: Specificity of the osteoclast model. <i>European Journal of Cell Biology</i> , 2006, 85, 195-202.	3.6	314
5	Apatite-mediated Actin Dynamics in Resorbing Osteoclasts. <i>Molecular Biology of the Cell</i> , 2004, 15, 5231-5241.	2.1	248
6	A novel Rho-mDia2-HDAC6 pathway controls podosome patterning through microtubule acetylation in osteoclasts. <i>Journal of Cell Science</i> , 2005, 118, 2901-2911.	2.0	210
7	New PI(4,5)P ₂ - and membrane proximal integrin-binding motifs in the talin head control $\alpha_3\beta_1$ -integrin clustering. <i>Journal of Cell Biology</i> , 2009, 187, 715-731.	5.2	153
8	Actin cytoskeletal organisation in osteoclasts: A model to decipher transmigration and matrix degradation. <i>European Journal of Cell Biology</i> , 2008, 87, 459-468.	3.6	143
9	CD44 and $\alpha_3\beta_1$ Integrin Organize Two Functionally Distinct Actin-based Domains in Osteoclasts. <i>Molecular Biology of the Cell</i> , 2007, 18, 4899-4910.	2.1	135
10	Posttranscriptional Regulation of <i>PER1</i> Underlies the Oncogenic Function of IRE1 α . <i>Cancer Research</i> , 2013, 73, 4732-4743.	0.9	115
11	Organelle Specific O-Glycosylation Drives MMP14 Activation, Tumor Growth, and Metastasis. <i>Cancer Cell</i> , 2017, 32, 639-653.e6.	16.8	102
12	Autocrine control of glioma cells adhesion/migration through Inositol Requiring enzyme 1 α (IRE1 α)-mediated cleavage of Secreted Protein Acidic Rich in Cysteine (SPARC) mRNA. <i>Journal of Cell Science</i> , 2012, 125, 4278-87.	2.0	96
13	TGF β ² -induced endothelial podosomes mediate basement membrane collagen degradation in arterial vessels. <i>Journal of Cell Science</i> , 2009, 122, 4311-4318.	2.0	92
14	Discoidin domain receptor 1 controls linear invadosome formation via a Cdc42-Tuba pathway. <i>Journal of Cell Biology</i> , 2014, 207, 517-533.	5.2	92
15	Invadosomes: Intriguing structures with promise. <i>European Journal of Cell Biology</i> , 2011, 90, 100-107.	3.6	90
16	Physiological type I collagen organization induces the formation of a novel class of linear invadosomes. <i>Molecular Biology of the Cell</i> , 2012, 23, 297-309.	2.1	84
17	Expression and function of semaphorin 7A in bone cells. <i>Biology of the Cell</i> , 2005, 97, 589-597.	2.0	82
18	Argininosuccinate synthase 1 (ASS1): A marker of unclassified hepatocellular adenoma and high bleeding risk. <i>Hepatology</i> , 2017, 66, 2016-2028.	7.3	75

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19	Cathepsin-Dependent Apoptosis Triggered by Supraoptimal Activation of T Lymphocytes: A Possible Mechanism of High Dose Tolerance. <i>Journal of Immunology</i> , 2004, 172, 5405-5414.	0.8	65
20	Rnd3 in Cancer: A Review of the Evidence for Tumor Promoter or Suppressor. <i>Molecular Cancer Research</i> , 2016, 14, 1033-1044.	3.4	64
21	Cathepsin-B-dependent apoptosis triggered by antithymocyte globulins: a novel mechanism of T-cell depletion. <i>Blood</i> , 2003, 102, 3719-3726.	1.4	62
22	The Endoplasmic Reticulum Is a Key Component of the Plasma Cell Death Pathway. <i>Journal of Immunology</i> , 2006, 176, 1340-1347.	0.8	55
23	Extracellular matrix rigidity controls podosome induction in microvascular endothelial cells. <i>Biology of the Cell</i> , 2013, 105, 46-57.	2.0	53
24	The microenvironment controls invadosome plasticity. <i>Journal of Cell Science</i> , 2016, 129, 1759-68.	2.0	53
25	Cell Surface Delivery of the Measles Virus Nucleoprotein: a Viral Strategy To Induce Immunosuppression. <i>Journal of Virology</i> , 2004, 78, 11952-11961.	3.4	50
26	Cutting Edge: Immediate RANTES Secretion by Resting Memory CD8 T Cells Following Antigenic Stimulation. <i>Journal of Immunology</i> , 2003, 170, 1615-1619.	0.8	48
27	Combining laser capture microdissection and proteomics reveals an active translation machinery controlling invadosome formation. <i>Nature Communications</i> , 2018, 9, 2031.	12.8	43
28	I κ B kinase β phosphorylates Dok1 serines in response to TNF, IL-1, or γ radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17416-17421.	7.1	42
29	TGF- β 1 promotes linear invadosome formation in hepatocellular carcinoma cells, through DDR1 up-regulation and collagen I cross-linking. <i>European Journal of Cell Biology</i> , 2016, 95, 503-512.	3.6	41
30	Cdc42 and Tks5. <i>Cell Adhesion and Migration</i> , 2014, 8, 280-292.	2.7	39
31	PD-L1 and PD-L2 Are Differentially Expressed by Macrophages or Tumor Cells in Primary Cutaneous Diffuse Large B-Cell Lymphoma, Leg Type. <i>American Journal of Surgical Pathology</i> , 2018, 42, 326-334.	3.7	38
32	Multitasking discoidin domain receptors are involved in several and specific hallmarks of cancer. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-15.	2.7	35
33	Transmigration: A New Property of Mature Multinucleated Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1913-1923.	2.8	34
34	ASS1 Overexpression: A Hallmark of Sonic Hedgehog Hepatocellular Adenomas; Recommendations for Clinical Practice. <i>Hepatology Communications</i> , 2020, 4, 809-824.	4.3	33
35	Involvement of the orphan nuclear estrogen receptor-related receptor β in osteoclast adhesion and transmigration. <i>Journal of Molecular Endocrinology</i> , 2010, 45, 365-377.	2.5	29
36	DDR1 and MT1-MMP Expression Levels Are Determinant for Triggering BIK-Mediated Apoptosis by 3D Type I Collagen Matrix in Invasive Basal-Like Breast Carcinoma Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 462.	3.5	29

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37	A Complex and Evolutive Character: Two Face Aspects of ECM in Tumor Progression. <i>Frontiers in Oncology</i> , 2020, 10, 1620.	2.8	26
38	Cancer-associated mutations in the protrusion-targeting region of p190RhoGAP impact tumor cell migration. <i>Journal of Cell Biology</i> , 2016, 214, 859-873.	5.2	25
39	ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. <i>Nature Cell Biology</i> , 2020, 22, 1371-1381.	10.3	24
40	A Nuclear Export Signal and Phosphorylation Regulate Dok1 Subcellular Localization and Functions. <i>Molecular and Cellular Biology</i> , 2006, 26, 4288-4301.	2.3	23
41	Regulatory signals for endothelial podosome formation. <i>European Journal of Cell Biology</i> , 2008, 87, 543-554.	3.6	21
42	DDR1 and DDR2 physical interaction leads to signaling interconnection but with possible distinct functions. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-11.	2.7	21
43	Actin Depolymerization in Dedifferentiated Liver Sinusoidal Endothelial Cells Promotes Fenestrae Reâ€Formation. <i>Hepatology Communications</i> , 2019, 3, 213-219.	4.3	18
44	Unr defines a novel class of nucleoplasmic reticulum, involved in mRNA translation. <i>Journal of Cell Science</i> , 2017, 130, 1796-1808.	2.0	16
45	2D and 3D Matrices to Study Linear Invadosome Formation and Activity. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	12
46	Linking Matrix Rigidity with EMT and Cancer Invasion. <i>Developmental Cell</i> , 2020, 54, 293-295.	7.0	12
47	The invasive proteome of glioblastoma revealed by laser-capture microdissection. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz029.	0.7	9
48	Antigenic Mimicry in Paraneoplastic Immune Thrombocytopenia. <i>Frontiers in Immunology</i> , 2019, 10, 523.	4.8	9
49	Rnd3/RhoE expression is regulated by G-actin through MKL1-SRF signaling pathway. <i>Experimental Cell Research</i> , 2018, 370, 227-236.	2.6	8
50	Meeting report â€“ first discoidin domain receptors meeting. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	8
51	The Proteome of Antibody-Mediated Rejection: From Glomerulitis to Transplant Glomerulopathy. <i>Biomedicines</i> , 2022, 10, 569.	3.2	8
52	STED microscopy: A simplified method for liver sinusoidal endothelial <i>fenestrae</i> analysis. <i>Biology of the Cell</i> , 2018, 110, 159-168.	2.0	7
53	Proteomic Profiling of Hepatocellular Adenomas Paves the Way to Diagnostic and Prognostic Approaches. <i>Hepatology</i> , 2021, 74, 1595-1610.	7.3	7
54	Type I collagen fibrils: an inducer of invadosomes. <i>Oncotarget</i> , 2015, 6, 28519-28520.	1.8	7

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55	Discoidin Domain Receptor 2 orchestrates melanoma resistance combining phenotype switching and proliferation. <i>Oncogene</i> , 2022, 41, 2571-2586.	5.9	6
56	Urokinase Receptor (CD87) Clustering in Detergent-Insoluble Adhesion Patches Leads to Cell Adhesion Independently of Integrins. <i>Cell Communication and Adhesion</i> , 2007, 14, 137-155.	1.0	5
57	Type I collagen fibrils and discoidin domain receptor 1 set invadosomes straight. <i>Molecular and Cellular Oncology</i> , 2015, 2, e1004963.	0.7	5
58	Reptin/RUVBL2 is required for hepatocyte proliferation in vivo, liver regeneration and homeostasis. <i>Liver International</i> , 2021, 41, 1423-1429.	3.9	4
59	Hepatocyte proteomes reveal the role of protein disulfide isomerase 4 in alpha 1-antitrypsin deficiency. <i>JHEP Reports</i> , 2021, 3, 100297.	4.9	4
60	Discoidin domain receptors: multitaskers for physiological and pathological processes. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-2.	2.7	3
61	Collagen and Discoidin Domain Receptor 1 Partnership: A Multifaceted Role in the Regulation of Breast Carcinoma Cell Phenotype. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 808625.	3.7	3
62	Invadosomes in real life. <i>Cell Adhesion and Migration</i> , 2014, 8, 177-178.	2.7	1
63	Meeting report "Imaging the Cell". <i>Journal of Cell Science</i> , 2015, 128, 3843-3847.	2.0	0