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	The Proteome of Antibody-Mediated Rejection: From Glomerulitis to Transplant Glomerulopathy. Biomedicines, 2022, 10, 569.	3.2	8
2	Discoidin Domain Receptor 2 orchestrates melanoma resistance combining phenotype switching and proliferation. Oncogene, 2022, 41, 2571-2586.	5.9	6
3	Reptin/RUVBL2 is required for hepatocyte proliferation in vivo, liver regeneration and homeostasis. Liver International, 2021, 41, 1423-1429.	3.9	4
4	Proteomic Profiling of Hepatocellular Adenomas Paves the Way to Diagnostic and Prognostic Approaches. Hepatology, 2021, 74, 1595-1610.	7.3	7
5	Hepatocyte proteomes reveal the role of protein disulfide isomerase 4 in alpha 1-antitrypsin deficiency. JHEP Reports, 2021, 3, 100297.	4.9	4
6	Collagen and Discoidin Domain Receptor 1 Partnership: A Multifaceted Role in the Regulation of Breast Carcinoma Cell Phenotype. Frontiers in Cell and Developmental Biology, 2021, 9, 808625.	3.7	3
7	ER-resident oxidoreductases are glycosylated and trafficked to the cell surface to promote matrix degradation by tumour cells. Nature Cell Biology, 2020, 22, 1371-1381.	10.3	24
8	A Complex and Evolutive Character: Two Face Aspects of ECM in Tumor Progression. Frontiers in Oncology, 2020, 10, 1620.	2.8	26
9	Linking Matrix Rigidity with EMT and Cancer Invasion. Developmental Cell, 2020, 54, 293-295.	7.0	12
10	ASS1 Overexpression: A Hallmark of Sonic Hedgehog Hepatocellular Adenomas; Recommendations for Clinical Practice. Hepatology Communications, 2020, 4, 809-824.	4.3	33
11	Meeting report â€“ first discoidin domain receptors meeting. Journal of Cell Science, 2020, 133, .	2.0	8
12	The invasive proteome of glioblastoma revealed by laser-capture microdissection. Neuro-Oncology Advances, 2019, 1, vdz029.	0.7	9
13	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. Frontiers in Pharmacology, 2019, 10, 462.	3.5	29
14	Antigenic Mimicry in Paraneoplastic Immune Thrombocytopenia. Frontiers in Immunology, 2019, 10, 523.	4.8	9
15	Actin Depolymerization in Dedifferentiated Liver Sinusoidal Endothelial Cells Promotes Fenestrae Reâ€Formation. Hepatology Communications, 2019, 3, 213-219.	4.3	18
16	DDR1 and DDR2 physical interaction leads to signaling interconnection but with possible distinct functions. Cell Adhesion and Migration, 2018, 12, 1-11.	2.7	21
17	Multitasking discoidin domain receptors are involved in several and specific hallmarks of cancer. Cell Adhesion and Migration, 2018, 12, 1-15.	2.7	35
18	PD-L1 and PD-L2 Are Differentially Expressed by Macrophages or Tumor Cells in Primary Cutaneous Diffuse Large B-Cell Lymphoma, Leg Type. American Journal of Surgical Pathology, 2018, 42, 326-334.	3.7	38

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19	Combining laser capture microdissection and proteomics reveals an active translation machinery controlling invadosome formation. Nature Communications, 2018, 9, 2031.	12.8	43
20	STED microscopy: A simplified method for liver sinusoidal endothelial fenestrae analysis. Biology of the Cell, 2018, 110, 159-168.	2.0	7
21	Rnd3/RhoE expression is regulated by G-actin through MKL1-SRF signaling pathway. Experimental Cell Research, 2018, 370, 227-236.	2.6	8
22	Discoidin domain receptors: multitaskers for physiological and pathological processes. Cell Adhesion and Migration, 2018, 12, 1-2.	2.7	3
23	Unr defines a novel class of nucleoplasmic reticulum, involved in mRNA translation. Journal of Cell Science, 2017, 130, 1796-1808.	2.0	16
24	2D and 3D Matrices to Study Linear Invadosome Formation and Activity. Journal of Visualized Experiments, 2017, , .	0.3	12
25	Organelle Specific O-Glycosylation Drives MMP14 Activation, Tumor Growth, and Metastasis. Cancer Cell, 2017, 32, 639-653.e6.	16.8	102
26	Argininosuccinate synthase 1 (ASS1): A marker of unclassified hepatocellular adenoma and high bleeding risk. Hepatology, 2017, 66, 2016-2028.	7.3	75
27	The microenvironment controls invadosome plasticity. Journal of Cell Science, 2016, 129, 1759-68.	2.0	53
28	TGF-Î²1 promotes linear invadosome formation in hepatocellular carcinoma cells, through DDR1 up-regulation and collagen I cross-linking. European Journal of Cell Biology, 2016, 95, 503-512.	3.6	41
29	Rnd3 in Cancer: A Review of the Evidence for Tumor Promoter or Suppressor. Molecular Cancer Research, 2016, 14, 1033-1044.	3.4	64
30	Cancer-associated mutations in the protrusion-targeting region of p190RhoGAP impact tumor cell migration. Journal of Cell Biology, 2016, 214, 859-873.	5.2	25
31	Meeting report â€“ Imaging the Cell. Journal of Cell Science, 2015, 128, 3843-3847.	2.0	0
32	Type I collagen fibrils and discoidin domain receptor 1 set invadosomes straight. Molecular and Cellular Oncology, 2015, 2, e1004963.	0.7	5
33	Type I collagen fibrils: an inducer of invadosomes. Oncotarget, 2015, 6, 28519-28520.	1.8	7
34	Invadosomes in real life. Cell Adhesion and Migration, 2014, 8, 177-178.	2.7	1
35	Cdc42 and Tks5. Cell Adhesion and Migration, 2014, 8, 280-292.	2.7	39
36	Discoidin domain receptor 1 controls linear invadosome formation via a Cdc42â€“Tuba pathway. Journal of Cell Biology, 2014, 207, 517-533.	5.2	92

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37	Extracellular matrix rigidity controls podosome induction in microvascular endothelial cells. Biology of the Cell, 2013, 105, 46-57.	2.0	53
38	Posttranscriptional Regulation of PER1 Underlies the Oncogenic Function of IREÎ±. Cancer Research, 2013, 73, 4732-4743.	0.9	115
39	Physiological type I collagen organization induces the formation of a novel class of linear invadosomes. Molecular Biology of the Cell, 2012, 23, 297-309.	2.1	84
40	Autocrine control of glioma cells adhesion/migration through Inositol Requiring enzyme 1Î± (IRE1Î±)-mediated cleavage of Secreted Protein Acidic Rich in Cysteine (SPARC) mRNA. Journal of Cell Science, 2012, 125, 4278-87.	2.0	96
41	Invadosomes: Intriguing structures with promise. European Journal of Cell Biology, 2011, 90, 100-107.	3.6	90
42	Involvement of the orphan nuclear estrogen receptor-related receptor Î± in osteoclast adhesion and transmigration. Journal of Molecular Endocrinology, 2010, 45, 365-377.	2.5	29
43	TGFÎ²-induced endothelial podosomes mediate basement membrane collagen degradation in arterial vessels. Journal of Cell Science, 2009, 122, 4311-4318.	2.0	92
44	New PI(4,5)P2- and membrane proximal integrinâ€“binding motifs in the talin head control Î²3-integrin clustering. Journal of Cell Biology, 2009, 187, 715-731.	5.2	153
45	Actin cytoskeletal organisation in osteoclasts: A model to decipher transmigration and matrix degradation. European Journal of Cell Biology, 2008, 87, 459-468.	3.6	143
46	Regulatory signals for endothelial podosome formation. European Journal of Cell Biology, 2008, 87, 543-554.	3.6	21
47	Dual effect of strontium ranelate: Stimulation of osteoblast differentiation and inhibition of osteoclast formation and resorption in vitro. Bone, 2008, 42, 129-138.	2.9	705
48	CD44 and Î²3 Integrin Organize Two Functionally Distinct Actin-based Domains in Osteoclasts. Molecular Biology of the Cell, 2007, 18, 4899-4910.	2.1	135
49	Urokinase Receptor (CD87) Clustering in Detergent-Insoluble Adhesion Patches Leads to Cell Adhesion Independently of Integrins. Cell Communication and Adhesion, 2007, 14, 137-155.	1.0	5
50	Transmigration: A New Property of Mature Multinucleated Osteoclasts. Journal of Bone and Mineral Research, 2006, 21, 1913-1923.	2.8	34
51	Podosome and sealing zone: Specificity of the osteoclast model. European Journal of Cell Biology, 2006, 85, 195-202.	3.6	314
52	A Nuclear Export Signal and Phosphorylation Regulate Dok1 Subcellular Localization and Functions. Molecular and Cellular Biology, 2006, 26, 4288-4301.	2.3	23
53	The Endoplasmic Reticulum Is a Key Component of the Plasma Cell Death Pathway. Journal of Immunology, 2006, 176, 1340-1347.	0.8	55
54	Expression and function of semaphorin 7A in bone cells. Biology of the Cell, 2005, 97, 589-597.	2.0	82

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55	The mechanisms and dynamics of Î±vÎ²3 integrin clustering in living cells. Journal of Cell Biology, 2005, 171, 383-392.	5.2	315
56	A novel Rho-mDia2-HDAC6 pathway controls podosome patterning through microtubule acetylation in osteoclasts. Journal of Cell Science, 2005, 118, 2901-2911.	2.0	210
57	Cell Surface Delivery of the Measles Virus Nucleoprotein: a Viral Strategy To Induce Immunosuppression. Journal of Virology, 2004, 78, 11952-11961.	3.4	50
58	Cathepsin-Dependent Apoptosis Triggered by Supraoptimal Activation of T Lymphocytes: A Possible Mechanism of High Dose Tolerance. Journal of Immunology, 2004, 172, 5405-5414.	0.8	65
59	IÂB kinase Â phosphorylates Dok1 serines in response to TNF, IL-1, or Â radiation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17416-17421.	7.1	42
60	Apatite-mediated Actin Dynamics in Resorbing Osteoclasts. Molecular Biology of the Cell, 2004, 15, 5231-5241.	2.1	248
61	Podosomes Display Actin Turnover and Dynamic Self-Organization in Osteoclasts Expressing Actin-Green Fluorescent Protein. Molecular Biology of the Cell, 2003, 14, 407-416.	2.1	400
62	Cutting Edge: Immediate RANTES Secretion by Resting Memory CD8 T Cells Following Antigenic Stimulation. Journal of Immunology, 2003, 170, 1615-1619.	0.8	48
63	Cathepsin-B-dependent apoptosis triggered by antithymocyte globulins: a novel mechanism of T-cell depletion. Blood, 2003, 102, 3719-3726.	1.4	62