

Marcelo Ehrlich

List of Publications by Year in descending order

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93
papers

6,273
citations

125106

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78623

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all docs

94
docs citations

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times ranked

11382
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring Protein Function in an Emerging Virus: Detection of the Nucleoprotein in Tilapia Lake Virus. <i>Journal of Virology</i> , 2022, 96, JVI0175721.	1.5	11
2	Modeling SARS-CoV-2 Infection in Mice Using Lentiviral hACE2 Vectors Infers Two Modes of Immune Responses to SARS-CoV-2 Infection. <i>Viruses</i> , 2022, 14, 11.	1.5	0
3	Competition between type I activin and BMP receptors for binding to ACVR2A regulates signaling to distinct Smad pathways. <i>BMC Biology</i> , 2022, 20, 50.	1.7	10
4	LY6S, a New IFN-Inducible Human Member of the Ly6a Subfamily Expressed by Spleen Cells and Associated with Inflammation and Viral Resistance. <i>ImmunoHorizons</i> , 2022, 6, 253-272.	0.8	7
5	Constitutive low expression of antiviral effectors sensitizes melanoma cells to a novel oncolytic virus. <i>International Journal of Cancer</i> , 2021, 148, 2321-2334.	2.3	5
6	Oncolytic Virotherapy: The Cancer Cell Side. <i>Cancers</i> , 2021, 13, 939.	1.7	6
7	ALK1 regulates the internalization of endoglin and the type III TGF- β 2 receptor. <i>Molecular Biology of the Cell</i> , 2021, 32, 605-621.	0.9	8
8	Genomic Analysis Illustrated a Single Introduction and Evolution of Israeli Bluetongue Serotype 8 Virus Population 2008–2019. <i>Microorganisms</i> , 2021, 9, 1955.	1.6	3
9	Ras Diffusion and Interactions with the Plasma Membrane Measured by FRAP Variations. <i>Methods in Molecular Biology</i> , 2021, 2262, 185-197.	0.4	1
10	Autophagy is induced and modulated by cholesterol depletion through transcription of autophagy-related genes and attenuation of flux. <i>Cell Death Discovery</i> , 2021, 7, 320.	2.0	6
11	Oncolytic H-1 Parvovirus Enters Cancer Cells through Clathrin-Mediated Endocytosis. <i>Viruses</i> , 2020, 12, 1199.	1.5	7
12	Zeb2 regulates the balance between retinal interneurons and Müller glia by inhibition of BMP–Smad signaling. <i>Developmental Biology</i> , 2020, 468, 80-92.	0.9	5
13	The metastatic microenvironment: Melanoma–microglia cross-talk promotes the malignant phenotype of melanoma cells. <i>International Journal of Cancer</i> , 2019, 144, 802-817.	2.3	34
14	Emergence of a Novel Reassortant Strain of Bluetongue Serotype 6 in Israel, 2017: Clinical Manifestations of the Disease and Molecular Characterization. <i>Viruses</i> , 2019, 11, 633.	1.5	22
15	Notch-Mediated Tumor-Stroma-Inflammation Networks Promote Invasive Properties and CXCL8 Expression in Triple-Negative Breast Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 804.	2.2	65
16	Interleukin-6 and Interferon- γ Signaling via JAK1–STAT Differentially Regulate Oncolytic versus Cytoprotective Antiviral States. <i>Frontiers in Immunology</i> , 2018, 9, 94.	2.2	22
17	Cholesterol depletion enhances TGF- β 2 Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. <i>Molecular Biology of the Cell</i> , 2018, 29, 2494-2507.	0.9	12
18	PKR: A Kinase to Remember. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 480.	1.4	172

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19	Proteomic analysis of polyribosomes identifies splicing factors as potential regulators of translation during mitosis. <i>Nucleic Acids Research</i> , 2017, 45, 5945-5957.	6.5	35
20	Differential molecular regulation of processing and membrane expression of Type-I BMP receptors: implications for signaling. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2645-2662.	2.4	10
21	TGF- β 2 triggers rapid fibrillogenesis via a novel T β RII-dependent fibronectin-trafficking mechanism. <i>Molecular Biology of the Cell</i> , 2017, 28, 1195-1207.	0.9	27
22	Dynamin-dependent endocytosis of Bone Morphogenetic Protein2 (BMP2) and its receptors is dispensable for the initiation of Smad signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 76, 51-63.	1.2	16
23	Differential regulation of translation and endocytosis of alternatively spliced forms of the type II bone morphogenetic protein (BMP) receptor. <i>Molecular Biology of the Cell</i> , 2016, 27, 716-730.	0.9	17
24	Loss of α -Tubulin Acetylation Is Associated with TGF- β 2-induced Epithelial-Mesenchymal Transition. <i>Journal of Biological Chemistry</i> , 2016, 291, 5396-5405.	1.6	85
25	Endocytosis and trafficking of BMP receptors: Regulatory mechanisms for fine-tuning the signaling response in different cellular contexts. <i>Cytokine and Growth Factor Reviews</i> , 2016, 27, 35-42.	3.2	40
26	Combined genetic and epigenetic interferences with interferon signaling expose prostate cancer cells to viral infection. <i>Oncotarget</i> , 2016, 7, 52115-52134.	0.8	18
27	The metastatic microenvironment: Claudin-1 suppresses the malignant phenotype of melanoma brain metastasis. <i>International Journal of Cancer</i> , 2015, 136, 1296-1307.	2.3	44
28	Dynamics and restriction of murine leukemia virus cores in mitotic and interphase cells. <i>Retrovirology</i> , 2015, 12, 95.	0.9	4
29	The glucosinolate breakdown product indole-3-carbinol acts as an auxin antagonist in roots of <i>Rabidopsis thaliana</i> . <i>Plant Journal</i> , 2015, 82, 547-555.	2.8	98
30	Mammalian ER mannosidase I resides in quality control vesicles, where it encounters its glycoprotein substrates. <i>Molecular Biology of the Cell</i> , 2015, 26, 172-184.	0.9	50
31	Synaptojanin 2 is a druggable mediator of metastasis and the gene is overexpressed and amplified in breast cancer. <i>Science Signaling</i> , 2015, 8, ra7.	1.6	53
32	Constitutive negative regulation in the processing of the anti-Müllerian hormone receptor II. <i>Journal of Cell Science</i> , 2015, 128, 1352-1364.	1.2	25
33	Regulation of TGF- β 2 receptor hetero-oligomerization and signaling by endoglin. <i>Molecular Biology of the Cell</i> , 2015, 26, 3117-3127.	0.9	35
34	The N-Terminus of Murine Leukaemia Virus p12 Protein Is Required for Mature Core Stability. <i>PLoS Pathogens</i> , 2014, 10, e1004474.	2.1	15
35	Dab2 inhibits the cholesterol-dependent activation of JNK by TGF- β 2. <i>Molecular Biology of the Cell</i> , 2014, 25, 1620-1628.	0.9	24
36	TGF-beta specifically enhances the metastatic attributes of murine lung adenocarcinoma: implications for human non-small cell lung cancer. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 993-1007.	1.7	26

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37	Epizootic Hemorrhagic Disease Virus Induces and Benefits from Cell Stress, Autophagy, and Apoptosis. <i>Journal of Virology</i> , 2013, 87, 13397-13408.	1.5	19
38	Dicodon monitoring of protein synthesis (DiCoMPS) reveals levels of synthesis of a viral protein in single cells. <i>Nucleic Acids Research</i> , 2013, 41, e177-e177.	6.5	14
39	Src-mediated caveolin-1 phosphorylation affects the targeting of active Src to specific membrane sites. <i>Molecular Biology of the Cell</i> , 2013, 24, 3881-3895.	0.9	45
40	Dual effects of Ral-activated pathways on p27 localization and TGF- β 2 signaling. <i>Molecular Biology of the Cell</i> , 2013, 24, 1812-1824.	0.9	11
41	Intimate and Facultative? Regulation of Clathrin-Mediated Endocytosis by the Actin Cytoskeleton. , 2013, , 33-56.		1
42	Identification of Two <i>Legionella pneumophila</i> Effectors that Manipulate Host Phospholipids Biosynthesis. <i>PLoS Pathogens</i> , 2012, 8, e1002988.	2.1	51
43	p12 Tethers the Murine Leukemia Virus Pre-integration Complex to Mitotic Chromosomes. <i>PLoS Pathogens</i> , 2012, 8, e1003103.	2.1	66
44	Caveolin-1 and Dynamin-2 Are Essential for Removal of the Complement C5b-9 Complex via Endocytosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 19904-19915.	1.6	38
45	Coated Pit-mediated Endocytosis of the Type I Transforming Growth Factor- β 2 (TGF- β 2) Receptor Depends on a Di-leucine Family Signal and Is Not Required for Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 26876-26889.	1.6	23
46	Mechanisms Regulating the Secretion of the Promalignancy Chemokine CCL5 by Breast Tumor Cells: CCL5's 40s Loop and Intracellular Glycosaminoglycans. <i>Neoplasia</i> , 2012, 14, 1-IN3.	2.3	17
47	Ras Oncoproteins Transfer from Melanoma Cells to T Cells and Modulate Their Effector Functions. <i>Journal of Immunology</i> , 2012, 189, 4361-4370.	0.4	8
48	Differential Regulation of Smad3 and of the Type II Transforming Growth Factor- β 2 Receptor in Mitosis: Implications for Signaling. <i>PLoS ONE</i> , 2012, 7, e43459.	1.1	19
49	Neuregulin Promotes Incomplete Autophagy of Prostate Cancer Cells That Is Independent of mTOR Pathway Inhibition. <i>PLoS ONE</i> , 2012, 7, e36828.	1.1	18
50	Human immunodeficiency virus type 1 envelope proteins traffic toward virion assembly sites via a TBC1D20/Rab1-regulated pathway. <i>Retrovirology</i> , 2012, 9, 7.	0.9	15
51	Oligomeric interactions of TGF- β 2 and BMP receptors. <i>FEBS Letters</i> , 2012, 586, 1885-1896.	1.3	74
52	Poor Cerebral Inflammatory Response in eIF2B Knock-In Mice: Implications for the Aetiology of Vanishing White Matter Disease. <i>PLoS ONE</i> , 2012, 7, e46715.	1.1	23
53	TMPRSS2/ERG Promotes Epithelial to Mesenchymal Transition through the ZEB1/ZEB2 Axis in a Prostate Cancer Model. <i>PLoS ONE</i> , 2011, 6, e21650.	1.1	94
54	EHD2 mediates trafficking from the plasma membrane by modulating Rac1 activity. <i>Biochemical Journal</i> , 2011, 439, 433-445.	1.7	29

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55	Quantitative single cell monitoring of protein synthesis at subcellular resolution using fluorescently labeled tRNA. <i>Nucleic Acids Research</i> , 2011, 39, e129-e129.	6.5	36
56	Endosomal signaling of the tomato leucine-rich repeat receptor-like protein LeEix2. <i>Plant Journal</i> , 2011, 68, 413-423.	2.8	92
57	Recruitment of Cellular Clathrin to Viral Factories and Disruption of Clathrin-Dependent Trafficking. <i>Traffic</i> , 2011, 12, 1179-1195.	1.3	24
58	Accurate Quantification of Diffusion and Binding Kinetics of Non-Integral Membrane Proteins by FRAP. <i>Traffic</i> , 2011, 12, 1648-1657.	1.3	23
59	Homomeric and heteromeric complexes among TGF- β 2 and BMP receptors and their roles in signaling. <i>Cellular Signalling</i> , 2011, 23, 1424-1432.	1.7	76
60	Phenotypic Reversion of Invasive Neurofibromin-Deficient Schwannoma by FTS: Ras Inhibition Reduces BMP4/Erk/Smad Signaling. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1317-1326.	1.9	10
61	The Conserved YAGL Motif in Human Metapneumovirus Is Required for Higher-Order Cellular Assemblies of the Matrix Protein and for Virion Production. <i>Journal of Virology</i> , 2011, 85, 6594-6609.	1.5	21
62	Negative Regulation of the Endocytic Adaptor Disabled-2 (Dab2) in Mitosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 5392-5403.	1.6	26
63	Raft Protein Clustering Alters N-Ras Membrane Interactions and Activation Pattern. <i>Molecular and Cellular Biology</i> , 2011, 31, 3938-3952.	1.1	42
64	Magnetic Modulation Biosensing for Rapid and Homogeneous Detection of Biological Targets at Low Concentrations. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 128-137.	0.9	21
65	Rapid and sensitive homogenous detection of the Ibaraki virus non-structural protein using magnetic modulation biosensing system. , 2010, , .		0
66	The Sla2p/HIP1/HIP1R family: similar structure, similar function in endocytosis?. <i>Biochemical Society Transactions</i> , 2010, 38, 187-191.	1.6	33
67	Rapid Homogeneous Detection of Biological Assays Using Magnetic Modulation Biosensing System. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	1
68	The Gag Cleavage Product, p12, is a Functional Constituent of the Murine Leukemia Virus Pre-Integration Complex. <i>PLoS Pathogens</i> , 2010, 6, e1001183.	2.1	38
69	Different Domains Regulate Homomeric and Heteromeric Complex Formation among Type I and Type II Transforming Growth Factor- β 2 Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 7843-7852.	1.6	28
70	ERK and PI3K regulate different aspects of the epithelial to mesenchymal transition of mammary tumor cells induced by truncated MUC1. <i>Experimental Cell Research</i> , 2009, 315, 1490-1504.	1.2	40
71	Rapid homogenous detection of the Ibaraki virus NS3 cDNA at picomolar concentrations by magnetic modulation. <i>Biosensors and Bioelectronics</i> , 2009, 25, 858-863.	5.3	33
72	HIP1 exhibits an early recruitment and a late stage function in the maturation of coated pits. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2897-2911.	2.4	12

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73	A Legionella effector acquired from protozoa is involved in sphingolipids metabolism and is targeted to the host cell mitochondria. Cellular Microbiology, 2009, 11, 1219-1235.	1.1	96
74	Monoubiquitinylation Regulates Endosomal Localization of Lst2, a Negative Regulator of EGF Receptor Signaling. Developmental Cell, 2009, 16, 687-698.	3.1	24
75	Dab2 regulates clathrin assembly and cell spreading. Biochemical Journal, 2009, 418, 701-715.	1.7	43
76	Detection of fluorescent-labeled probes at sub-picomolar concentrations by magnetic modulation. Optics Express, 2008, 16, 19253.	1.7	27
77	Concomitant expression of the chemokines RANTES and MCP-1 in human breast cancer: A basis for tumor-promoting interactions. Cytokine, 2008, 44, 191-200.	1.4	83
78	Differential Interference of Chlorpromazine with the Membrane Interactions of Oncogenic K-Ras and Its Effects on Cell Growth. Journal of Biological Chemistry, 2008, 283, 27279-27288.	1.6	28
79	Endoplasmic Reticulum (ER) Mannosidase I Is Compartmentalized and Required for N-Glycan Trimming to Man ₆ GlcNAc ₂ in Glycoprotein ER-associated Degradation. Molecular Biology of the Cell, 2008, 19, 216-225.	0.9	124
80	Role of lipids and actin in the formation of clathrin-coated pits. Experimental Cell Research, 2006, 312, 4036-4048.	1.2	120
81	Dynasore, a Cell-Permeable Inhibitor of Dynamin. Developmental Cell, 2006, 10, 839-850.	3.1	1,729
82	Clustering of Raft-Associated Proteins in the External Membrane Leaflet Modulates Internal Leaflet H-Ras Diffusion and Signaling. Molecular and Cellular Biology, 2006, 26, 7190-7200.	1.1	66
83	Pathway- and Expression Level-Dependent Effects of Oncogenic N-Ras: p27Kip1 Mislocalization by the Ral-GEF Pathway and Erk-Mediated Interference with Smad Signaling. Molecular and Cellular Biology, 2005, 25, 8239-8250.	1.1	52
84	Endocytosis is not required for the selective lipid uptake mediated by murine SR-BI. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1734, 44-51.	1.2	62
85	Single-molecule live-cell imaging of clathrin-based endocytosis.. Biochemical Society Symposia, 2005, 72, 71-76.	2.7	14
86	Effects of dynamin inactivation on pathways of anthrax toxin uptake. European Journal of Cell Biology, 2004, 83, 281-288.	1.6	27
87	Endocytosis by Random Initiation and Stabilization of Clathrin-Coated Pits. Cell, 2004, 118, 591-605.	13.5	787
88	The Î Region of Outer-Capsid ProteinÎ¼41 Undergoes Conformational Change and Release from Reovirus Particles during Cell Entry. Journal of Virology, 2003, 77, 13361-13375.	1.5	88
89	INITIATION OF SMAD-DEPENDENT AND SMAD-INDEPENDENT SIGNALING VIA DISTINCT BMP-RECEPTOR COMPLEXES. Journal of Bone and Joint Surgery - Series A, 2003, 85, 44-51.	1.4	91
90	Transforming Growth Factor-Î² Receptors Interact with AP2 by Direct Binding to Î²2 Subunit. Molecular Biology of the Cell, 2002, 13, 4001-4012.	0.9	115

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91	The Mode of Bone Morphogenetic Protein (BMP) Receptor Oligomerization Determines Different BMP-2 Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2002, 277, 5330-5338.	1.6	484
92	Disruption of TGF- β 2 growth inhibition by oncogenic ras is linked to p27Kip1 mislocalization. <i>Oncogene</i> , 2000, 19, 5926-5935.	2.6	57
93	Masking of an Endoplasmic Reticulum Retention Signal by Its Presence in the Two Subunits of the Asialoglycoprotein Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 2845-2851.	1.6	17