Emanuele Giurisato

List of Publications by Year
in descending order

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35 papers	2,033 citations	361413 20 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	3394 citing authors

#	Article	IF	Citations
1	Bone Marrow Stromal Cell Antigen 2 Is a Specific Marker of Type I IFN-Producing Cells in the Naive Mouse, but a Promiscuous Cell Surface Antigen following IFN Stimulation. Journal of Immunology, 2006, 177, 3260-3265.	0.8	390
2	Cutting Edge: CD96 (Tactile) Promotes NK Cell-Target Cell Adhesion by Interacting with the Poliovirus Receptor (CD155). Journal of Immunology, 2004, 172, 3994-3998.	0.8	307
3	The Balance between T Cell Receptor Signaling and Degradation at the Center of the Immunological Synapse Is Determined by Antigen Quality. Immunity, 2008, 29, 414-422.	14.3	126
4	Tumor-Associated Macrophages in Osteosarcoma: From Mechanisms to Therapy. International Journal of Molecular Sciences, 2020, 21, 5207.	4.1	119
5	Macrophage-secreted myogenic factors: a promising tool for greatly enhancing the proliferative capacity of myoblasts in vitro and in vivo. Neurological Sciences, 2002, 23, 189-194.	1.9	111
6	Lipid rafts and T cell receptor signaling: a critical re-evaluation. European Journal of Immunology, 2002, 32, 3082-3091.	2.9	109
7	Vav1 Controls DAP10-Mediated Natural Cytotoxicity by Regulating Actin and Microtubule Dynamics. Journal of Immunology, 2006, 177, 2349-2355.	0.8	83
8	The Stimulatory Potency of T Cell Antigens Is Influenced by the Formation of the Immunological Synapse. Immunity, 2007, 26, 345-355.	14.3	83
9	Diacylglycerol activates the influx of extracellular cations in T-lymphocytes independently of intracellular calcium-store depletion and possibly involving endogenous TRP6 gene products. Biochemical Journal, 2002, 364, 245-254.	3.7	79
10	An adaptive signaling network in melanoma inflammatory niches confers tolerance to MAPK signaling inhibition. Journal of Experimental Medicine, 2017, 214, 1691-1710.	8.5	71
11	Myeloid ERK5 deficiency suppresses tumor growth by blocking protumor macrophage polarization via STAT3 inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2801-E2810.	7.1	67
12	T Cell Receptor Can Be Recruited to a Subset of Plasma Membrane Rafts, Independently of Cell Signaling and Attendantly to Raft Clustering. Journal of Biological Chemistry, 2003, 278, 6771-6778.	3.4	64
13	Vomocytosis of live pathogens from macrophages is regulated by the atypical MAP kinase ERK5. Science Advances, 2017, 3, e1700898.	10.3	45
14	Phosphatidylinositol 3-Kinase Activation Is Required To Form the NKG2D Immunological Synapse. Molecular and Cellular Biology, 2007, 27, 8583-8599.	2.3	42
15	Physiological T cell activation starts and propagates in lipid rafts. Immunology Letters, 2004, 91, 3-9.	2.5	40
16	KSR1 Modulates the Sensitivity of Mitogen-Activated Protein Kinase Pathway Activation in T Cells without Altering Fundamental System Outputs. Molecular and Cellular Biology, 2009, 29, 2082-2091.	2.3	37
17	Hyper-Activation of STAT3 Sustains Progression of Non-Papillary Basal-Type Bladder Cancer via FOSL1 Regulome. Cancers, 2019, 11, 1219.	3.7	32
18	Ligand-Dependent Activation of EGFR in Follicular Dendritic Cells Sarcoma is Sustained by Local Production of Cognate Ligands. Clinical Cancer Research, 2013, 19, 5027-5038.	7.0	28

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19	Picomolar Inhibition of Plasmepsin V, an Essential Malaria Protease, Achieved Exploiting the Prime Region. PLoS ONE, 2015, 10, e0142509.	2.5	27
20	The Mitogen-Activated Protein Kinase Scaffold KSR1 Is Required for Recruitment of Extracellular Signal-Regulated Kinase to the Immunological Synapse. Molecular and Cellular Biology, 2009, 29, 1554-1564.	2.3	23
21	MEK5/ERK5 signaling mediates ILâ€4â€induced M2 macrophage differentiation through regulation of câ€Myc expression. Journal of Leukocyte Biology, 2020, 108, 1215-1223.	3.3	23
22	Extracellular-Regulated Protein Kinase 5-Mediated Control of p21 Expression Promotes Macrophage Proliferation Associated with Tumor Growth and Metastasis. Cancer Research, 2020, 80, 3319-3330.	0.9	23
23	Dystrophin deficient myotubes undergo apoptosis in mouse primary muscle cell culture after DNA damage. Neuroscience Letters, 1998, 252, 123-126.	2.1	19
24	Mesothelioma Malignancy and the Microenvironment: Molecular Mechanisms. Cancers, 2021, 13, 5664.	3.7	16
25	The KSR2-calcineurin complex regulates STIM1-ORAI1 dynamics and store-operated calcium entry (SOCE). Molecular Biology of the Cell, 2014, 25, 1769-1781.	2.1	14
26	Clinical Significance and Regulation of ERK5 Expression and Function in Cancer. Cancers, 2022, 14, 348.	3.7	14
27	The extracellular-regulated protein kinase 5 (ERK5) enhances metastatic burden in triple-negative breast cancer through focal adhesion protein kinase (FAK)-mediated regulation of cell adhesion. Oncogene, 2021, 40, 3929-3941.	5.9	12
28	Discovery of a Gatekeeper Residue in the C-Terminal Tail of the Extracellular Signal-Regulated Protein Kinase 5 (ERK5). International Journal of Molecular Sciences, 2020, 21, 929.	4.1	9
29	Ultrastructural study of spermatogenesis in KSR2 deficient mice. Transgenic Research, 2015, 24, 741-751.	2.4	7
30	Can tumor cells proliferate without ERK5?. Cell Cycle, 2016, 15, 619-620.	2.6	5
31	A Rare Complex BRAF Mutation Involving Codon V600 and K601 in Primary Cutaneous Melanoma: Case Report. Frontiers in Oncology, 2020, 10, 1056.	2.8	5
32	Inhibiting ERK5 Overcomes Breast Cancer Resistance to Anti-HER2 Therapy By Targeting the G1â€“S Cell-Cycle Transition. Cancer Research Communications, 2022, 2, 131-145.	1.7	3
33	Signaling and the Immunological Synapse. , 2010, , 1283-1291.		0
34	ERK5 is required for pro-tumour macrophage activation. European Journal of Cancer, 2016, 61, S105-S106.	2.8	0
35	Defective spermatogenesis and testosterone levels in kinase suppressor of Ras1 (KSR1)-deficient mice. Reproduction, Fertility and Development, 2019, 31, 1369.	0.4	0