

Vincenzo Mattei

List of Publications by Year in descending order

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73
papers

1,717
citations

236612

25
h-index

329751

37
g-index

73
all docs

73
docs citations

73
times ranked

2288
citing authors

#	ARTICLE	IF	CITATIONS
1	Echinococcus granulosus Antigen B Impairs Human Dendritic Cell Differentiation and Polarizes Immature Dendritic Cell Maturation towards a Th2 Cell Response. <i>Infection and Immunity</i> , 2007, 75, 1667-1678.	1.0	133
2	Prion protein is a component of the multimolecular signaling complex involved in T cell activation. <i>FEBS Letters</i> , 2004, 560, 14-18.	1.3	95
3	Src Family Kinases as Therapeutic Targets in Advanced Solid Tumors: What We Have Learned So Far. <i>Cancers</i> , 2020, 12, 1448.	1.7	80
4	Oxidized Î²2-glycoprotein I induces human dendritic cell maturation and promotes a T helper type 1 response. <i>Blood</i> , 2005, 106, 3880-3887.	0.6	78
5	Association of the Death-inducing Signaling Complex with Microdomains after Triggering through CD95/Fas. <i>Journal of Biological Chemistry</i> , 2003, 278, 8309-8315.	1.6	64
6	GOLPH3 Is Essential for Contractile Ring Formation and Rab11 Localization to the Cleavage Site during Cytokinesis in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2014, 10, e1004305.	1.5	49
7	Role of mitochondrial raft-like microdomains in the regulation of cell apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 621-634.	2.2	46
8	Regenerative Potential of DPSCs and Revascularization: Direct, Paracrine or Autocrine Effect?. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1635-1646.	1.7	44
9	Association of GM3 with Zap-70 Induced by T Cell Activation in Plasma Membrane Microdomains. <i>Journal of Biological Chemistry</i> , 2002, 277, 11233-11238.	1.6	43
10	Targeting Lipid Rafts as a Strategy Against Coronavirus. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 618296.	1.8	43
11	Role of GM3-enriched microdomains in signal transduction regulation in T lymphocytes. <i>Glycoconjugate Journal</i> , 2003, 20, 63-70.	1.4	42
12	Paracrine Diffusion of PrPC and Propagation of Prion Infectivity by Plasma Membrane-Derived Microvesicles. <i>PLoS ONE</i> , 2009, 4, e5057.	1.1	42
13	The Small Molecule Ephrin Receptor Inhibitor, GLPG1790, Reduces Renewal Capabilities of Cancer Stem Cells, Showing Anti-Tumour Efficacy on Preclinical Glioblastoma Models. <i>Cancers</i> , 2019, 11, 359.	1.7	42
14	Crocetin Extracted from Saffron Shows Antitumor Effects in Models of Human Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 423.	1.8	37
15	Evidence for cell surface association between CXCR4 and ganglioside GM3 after gp120 binding in SupT1 lymphoblastoid cells. <i>FEBS Letters</i> , 2001, 506, 55-60.	1.3	35
16	Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. <i>Molecular Biology of the Cell</i> , 2011, 22, 4842-4853.	0.9	35
17	In Vitro Conditioning Determines the Capacity of Dental Pulp Stem Cells to Function as Pericyte-Like Cells. <i>Stem Cells and Development</i> , 2019, 28, 695-706.	1.1	34
18	Role of gangliosides in the association of ErbB2 with lipid rafts in mammary epithelial HC11 cells. <i>FEBS Journal</i> , 2006, 273, 1821-1830.	2.2	32

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19	Association of cellular prion protein with gangliosides in plasma membrane microdomains of neural and lymphocytic cells. <i>Neurochemical Research</i> , 2002, 27, 743-749.	1.6	31
20	Role of lipid rafts in neuronal differentiation of dental pulp-derived stem cells. <i>Experimental Cell Research</i> , 2015, 339, 231-240.	1.2	31
21	The Importance of Tumor Stem Cells in Glioblastoma Resistance to Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3863.	1.8	31
22	Methylglyoxal-Dependent Glycative Stress Is Prevented by the Natural Antioxidant Oleuropein in Human Dental Pulp Stem Cells through Nrf2/Glo1 Pathway. <i>Antioxidants</i> , 2021, 10, 716.	2.2	30
23	Cellular and Molecular Mechanisms Mediated by recPrPC Involved in the Neuronal Differentiation Process of Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 345.	1.8	29
24	Role of GD3-CLIPR-59 Association in Lymphoblastoid T Cell Apoptosis Triggered by CD95/Fas. <i>PLoS ONE</i> , 2010, 5, e8567.	1.1	27
25	Role of Prion protein-EGFR multimolecular complex during neuronal differentiation of human dental pulp-derived stem cells. <i>Prion</i> , 2018, 12, 117-126.	0.9	26
26	Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , 2004, 298, 38-47.	1.2	25
27	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012, 5, 217-219.	0.6	25
28	Modulatory Effect of Gliadin Peptide 10-mer on Epithelial Intestinal CACO-2 Cell Inflammatory Response. <i>PLoS ONE</i> , 2013, 8, e66561.	1.1	25
29	Trafficking of PrP ^c to mitochondrial raft-like microdomains during cell apoptosis. <i>Prion</i> , 2012, 6, 354-358.	0.9	24
30	Altered Traffic of Cardiolipin during Apoptosis: Exposure on the Cell Surface as a Trigger for "Antiphospholipid Antibodies". <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	24
31	A multimolecular signaling complex including PrPC and LRP1 is strictly dependent on lipid rafts and is essential for the function of tissue plasminogen activator. <i>Journal of Neurochemistry</i> , 2020, 152, 468-481.	2.1	24
32	Anti-Proliferative Properties and Proapoptotic Function of New CB2 Selective Cannabinoid Receptor Agonist in Jurkat Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1958.	1.8	21
33	Neuroglobin overexpression plays a pivotal role in neuroprotection through mitochondrial raft-like microdomains in neuroblastoma SK-N-BE2 cells. <i>Molecular and Cellular Neurosciences</i> , 2018, 88, 167-176.	1.0	18
34	Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. <i>PLoS ONE</i> , 2017, 12, e0169571.	1.1	18
35	The Botanical Drug PBI-05204, a Supercritical CO ₂ Extract of Nerium Oleander, Inhibits Growth of Human Glioblastoma, Reduces Akt/mTOR Activities, and Modulates GSC Cell-Renewal Properties. <i>Frontiers in Pharmacology</i> , 2020, 11, 552428.	1.6	17
36	The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. <i>Biomolecules</i> , 2021, 11, 222.	1.8	17

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37	Prions and Neurodegenerative Diseases: A Focus on Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 503-518.	1.2	17
38	Hypoxia Induces DPSC Differentiation versus a Neurogenic Phenotype by the Paracrine Mechanism. <i>Biomedicines</i> , 2022, 10, 1056.	1.4	17
39	Prion Protein in Stem Cells: A Lipid Raft Component Involved in the Cellular Differentiation Process. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4168.	1.8	15
40	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. <i>Cells</i> , 2021, 10, 2408.	1.8	14
41	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002, 43, 971-8.	2.0	14
42	Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. <i>FEBS Journal</i> , 2008, 275, 4903-4912.	2.2	13
43	Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. <i>Rheumatology</i> , 2018, 57, 2032-2041.	0.9	12
44	Biochemistry and Neurobiology of Prosaposin: A Potential Therapeutic Neuro-Effector. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2009, 9, 119-131.	0.5	12
45	A New 4-phenyl-1,8-naphthyridine Derivative Affects Carcinoma Cell Proliferation by Impairing Cell Cycle Progression and Inducing Apoptosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 653-662.	0.9	11
46	The Brain Penetrating and Dual TORC1/TORC2 Inhibitor, RES529, Elicits Anti-Glioma Activity and Enhances the Therapeutic Effects of Anti-Angiogenetic Compounds in Preclinical Murine Models. <i>Cancers</i> , 2019, 11, 1604.	1.7	11
47	Isolation, Propagation, and Prion Protein Expression During Neuronal Differentiation of Human Dental Pulp Stem Cells. <i>Journal of Visualized Experiments</i> , 2019, . .	0.2	11
48	LRP6 mediated signal transduction pathway triggered by tissue plasminogen activator acts through lipid rafts in neuroblastoma cells. <i>Journal of Cell Communication and Signaling</i> , 2020, 14, 315-323.	1.8	11
49	Urinary Mercury Levels and Predictors of Exposure among a Group of Italian Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9225.	1.2	10
50	Expression of pro-angiogenic factors as potential biomarkers in experimental models of colon cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1427-1440.	1.2	10
51	ATX-101, a Peptide Targeting PCNA, Has Antitumor Efficacy Alone or in Combination with Radiotherapy in Murine Models of Human Glioblastoma. <i>Cancers</i> , 2022, 14, 289.	1.7	10
52	Anti-Inflammatory Activity of a CB2 Selective Cannabinoid Receptor Agonist: Signaling and Cytokines Release in Blood Mononuclear Cells. <i>Molecules</i> , 2022, 27, 64.	1.7	10
53	Antioxidant Properties of Cerium Oxide Nanoparticles Prevent Retinal Neovascular Alterations In Vitro and In Vivo. <i>Antioxidants</i> , 2022, 11, 1133.	2.2	10
54	Further Insights on Predictors of Environmental Tobacco Smoke Exposure during the Pediatric Age. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4062.	1.2	9

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55	Evaluation of the Submicron Particles Distribution Between Mountain and Urban Site: Contribution of the Transportation for Defining Environmental and Human Health Issues. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1339.	1.2	9
56	Antitumorigenic Effects of Inhibiting Ephrin Receptor Kinase Signaling by GLPG1790 against Colorectal Cancer Cell Lines <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Oncology</i> , 2020, 2020, 1-16.	0.6	9
57	What Is Known about Theragnostic Strategies in Colorectal Cancer. <i>Biomedicines</i> , 2021, 9, 140.	1.4	8
58	Tau oligomers accumulation sensitizes prostate cancer cells to docetaxel treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1957-1971.	1.2	8
59	Dual PI3K/mTOR inhibition reduces prostate cancer bone engraftment altering tumor-induced bone remodeling. <i>Tumor Biology</i> , 2018, 40, 101042831877177.	0.8	7
60	The Botanical Drug PBI-05204, a Supercritical CO ₂ Extract of Nerium Oleander, Is Synergistic With Radiotherapy in Models of Human Glioblastoma. <i>Frontiers in Pharmacology</i> , 2022, 13, 852941.	1.6	7
61	The importance of measuring ultrafine particles in urban air quality monitoring in small cities. <i>Geographica Pannonica</i> , 2019, 23, 347-358.	0.5	6
62	Hippocampal prosaposin changes during stress: A glucocorticoid-independent event. <i>Hippocampus</i> , 2004, 14, 275-280.	0.9	5
63	A Cross-Sectional Study on Benzene Exposure in Pediatric Age and Parental Smoking Habits at Home. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5469.	1.2	4
64	Multiple Antitumor Molecular Mechanisms Are Activated by a Fully Synthetic and Stabilized Pharmaceutical Product Delivering the Active Compound Sulforaphane (SFX-01) in Preclinical Model of Human Glioblastoma. <i>Pharmaceutics</i> , 2021, 14, 1082.	1.7	4
65	Anti-Î ² -GPI Antibodies Induce Endothelial Cell Expression of Tissue Factor by LRP6 Signal Transduction Pathway Involving Lipid Rafts. <i>Cells</i> , 2022, 11, 1288.	1.8	4
66	Cancer Mortality Trend in Central Italy: Focus on A "Low Rate of Land Use" Area from 1982 to 2011. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 628.	1.2	3
67	Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , 2021, . .	1.7	3
68	C3-induced 3LL cell proliferation is mediated by C kinase. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 635-644.	1.2	2
69	Carbamylation of Î ² -glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of "seronegative"™ patients. <i>Rheumatology</i> , 2022, 61, 4187-4197.	0.9	2
70	Exposure Profile to Traffic Related Pollution in Pediatric Age: A Biomonitoring Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10118.	1.2	1
71	Epidemiological profile of cancer mortality in a province of central Italy for the years 2008 and 2009: preliminary analysis. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2015, 27, 613-22.	0.5	1
72	Neuritogenic signal pathway of tPA mediated by the multimolecular complex containing PrP ^C and LRP1 is dependent on lipid rafts. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0

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73	Inhibition of autophagy in prostate cancer cells stimulates Tau accumulation and aberrant mitotic spindle. FASEB Journal, 2020, 34, 1-1.	0.2	0