

Vincenzo Mattei

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,133

citations

19

h-index

31

g-index

73

ext. papers

1,426

ext. citations

4.5

avg, IF

4.12

L-index

#	Paper	IF	Citations
66	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, 1667-78	3.7	109
65	Prion protein is a component of the multimolecular signaling complex involved in T cell activation. <i>FEBS Letters</i> , 2004 , 560, 14-8	3.8	86
64	Oxidized beta2-glycoprotein I induces human dendritic cell maturation and promotes a T helper type 1 response. <i>Blood</i> , 2005 , 106, 3880-7	2.2	65
63	Association of the death-inducing signaling complex with microdomains after triggering through CD95/Fas. Evidence for caspase-8-ganglioside interaction in T cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 8309-15	5.4	59
62	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	6	41
61	Association of GM3 with Zap-70 induced by T cell activation in plasma membrane microdomains: GM3 as a marker of microdomains in human lymphocytes. <i>Journal of Biological Chemistry</i> , 2002 , 277, 11233-8	5.4	40
60	Role of mitochondrial raft-like microdomains in the regulation of cell apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 621-34	5.4	39
59	Role of GM3-enriched microdomains in signal transduction regulation in T lymphocytes. <i>Glycoconjugate Journal</i> , 2004 , 20, 63-70	3	37
58	Paracrine diffusion of PrP(C) and propagation of prion infectivity by plasma membrane-derived microvesicles. <i>PLoS ONE</i> , 2009 , 4, e5057	3.7	36
57	Src Family Kinases as Therapeutic Targets in Advanced Solid Tumors: What We Have Learned so Far. <i>Cancers</i> , 2020 , 12,	6.6	34
56	Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. <i>Molecular Biology of the Cell</i> , 2011 , 22, 4842-53	3.5	31
55	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	3.8	30
54	Role of gangliosides in the association of ErbB2 with lipid rafts in mammary epithelial HC11 cells. <i>FEBS Journal</i> , 2006 , 273, 1821-30	5.7	28
53	Association of cellular prion protein with gangliosides in plasma membrane microdomains of neural and lymphocytic cells. <i>Neurochemical Research</i> , 2002 , 27, 743-9	4.6	28
52	Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , 2004 , 298, 38-47	4.2	24
51	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,	6.6	22
50	Role of GD3-CLIPR-59 association in lymphoblastoid T cell apoptosis triggered by CD95/Fas. <i>PLoS ONE</i> , 2010 , 5, e8567	3.7	22

49	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012 , 5, 217-9	1.7	21
48	Cellular and Molecular Mechanisms Mediated by recPrP Involved in the Neuronal Differentiation Process of Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
47	Role of lipid rafts in neuronal differentiation of dental pulp-derived stem cells. <i>Experimental Cell Research</i> , 2015 , 339, 231-40	4.2	19
46	Crocetin Extracted from Saffron Shows Antitumor Effects in Models of Human Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	19
45	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, 847985	4.5	17
44	Trafficking of PrPc to mitochondrial raft-like microdomains during cell apoptosis. <i>Prion</i> , 2012 , 6, 354-8	2.3	16
43	Modulatory Effect of Gliadin Peptide 10-mer on Epithelial Intestinal CACO-2 Cell Inflammatory Response. <i>PLoS ONE</i> , 2013 , 8, e66561	3.7	15
42	Regenerative Potential of DPSCs and Revascularization: Direct, Paracrine or Autocrine Effect?. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 1635-1646	7.3	15
41	Targeting Lipid Rafts as a Strategy Against Coronavirus. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 618296	5.7	15
40	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	4.8	14
39	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,	6.3	14
38	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002 , 43, 971-8	6.3	13
37	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	4.4	12
36	Role of Prion protein-EGFR multimolecular complex during neuronal differentiation of human dental pulp-derived stem cells. <i>Prion</i> , 2018 , 12, 117-126	2.3	12
35	Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. <i>FEBS Journal</i> , 2008 , 275, 4903-12	5.7	12
34	Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. <i>PLoS ONE</i> , 2017 , 12, e0169571	3.7	12
33	Biochemistry and neurobiology of prosaposin: a potential therapeutic neuro-effector. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2009 , 9, 119-31	1.8	12
32	A multimolecular signaling complex including PrP 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	6.1	12

31	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	4.9	9
30	The Importance of Tumor Stem Cells in Glioblastoma Resistance to Therapy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
29	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, 653-62	2.2	8
28	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	5.2	7
27	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,	6.6	7
26	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,	7.1	7
25	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,	4.6	6
24	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,	4.6	6
23	The Botanical Drug PBI-05204, a Supercritical CO 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	5.6	6
22	What Is Known about Theragnostic Strategies in Colorectal Cancer. <i>Biomedicines</i> , 2021 , 9,	4.8	6
21	The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. <i>Biomolecules</i> , 2021 , 11,	5.9	6
20	Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. <i>Rheumatology</i> , 2018 , 57, 2032-2041	3.9	6
19	Isolation, Propagation, and Prion Protein Expression During Neuronal Differentiation of Human Dental Pulp Stem Cells. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	5
18	Prion Protein in Stem Cells: A Lipid Raft Component Involved in the Cellular Differentiation Process. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
17	Hippocampal prosaposin changes during stress: a glucocorticoid-independent event. <i>Hippocampus</i> , 2004 , 14, 275-80	3.5	5
16	The importance of measuring ultrafine particles in urban air quality monitoring in small cities. <i>Geographica Pannonica</i> , 2019 , 23, 347-358	1.9	5
15	Dual PI3 K/mTOR inhibition reduces prostate cancer bone engraftment altering tumor-induced bone remodeling. <i>Tumor Biology</i> , 2018 , 40, 1010428318771773	2.9	4
14	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,	4.6	3

13	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. <i>Cells</i> , 2021 , 10,	7.9	3
12	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,	4.6	2
11	Antitumorigenic Effects of Inhibiting Ephrin Receptor Kinase Signaling by GLPG1790 against Colorectal Cancer Cell Lines and. <i>Journal of Oncology</i> , 2020 , 2020, 9342732	4.5	2
10	C3-induced 3LL cell proliferation is mediated by C kinase. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 635-447	4.4	2
9	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>Pharmaceuticals</i> , 2021 , 14,	5.2	2
8	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,	4.6	2
7	Tau oligomers accumulation sensitizes prostate cancer cells to docetaxel treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 1957-1971	4.9	2
6	The Botanical Drug PBI-05204, a Supercritical CO Extract of Nerium Oleander, Is Synergistic With Radiotherapy in Models of Human Glioblastoma.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 852941	5.6	2
5	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	0.9	1
4	Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , 2021 ,	6.6	1
3	Hypoxia Induces DPSC Differentiation versus a Neurogenic Phenotype by the Paracrine Mechanism. <i>Biomedicines</i> , 2022 , 10, 1056	4.8	1
2	Inhibition of autophagy in prostate cancer cells stimulates Tau accumulation and aberrant mitotic spindle. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
1	Neuritogenic signal pathway of tPA mediated by the multimolecular complex containing PrPC and LRP1 is dependent on lipid rafts. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	