

# Vincenzo Mattei

## List of Publications by Year in Descending Order

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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 | 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> , <b>2022</b> , 13, 852941  | 5.6 | 2         |
| 65 | Hypoxia Induces DPSC Differentiation versus a Neurogenic Phenotype by the Paracrine Mechanism. <i>Biomedicines</i> , <b>2022</b> , 10, 1056  | 4.8 | 1         |
| 64 | Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , <b>2021</b> ,   | 6.6 | 1         |
| 63 | 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> , <b>2021</b> , 14, | 5.2 | 2         |
| 62 | The Importance of Tumor Stem Cells in Glioblastoma Resistance to Therapy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,   | 6.3 | 9         |
| 61 | Regenerative Potential of DPSCs and Revascularization: Direct, Paracrine or Autocrine Effect?. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1635-1646  | 7.3 | 15        |
| 60 | Tau oligomers accumulation sensitizes prostate cancer cells to docetaxel treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2021</b> , 147, 1957-1971   | 4.9 | 2         |
| 59 | Methylglyoxal-Dependent Glycative Stress Is Prevented by the Natural Antioxidant Oleuropein in Human Dental Pulp Stem Cells through Nrf2/Glo1 Pathway. <i>Antioxidants</i> , <b>2021</b> , 10,   | 7.1 | 7         |
| 58 | What Is Known about Theragnostic Strategies in Colorectal Cancer. <i>Biomedicines</i> , <b>2021</b> , 9,   | 4.8 | 6         |
| 57 | The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. <i>Biomolecules</i> , <b>2021</b> , 11,  | 5.9 | 6         |
| 56 | Role of ERLINs in the Control of Cell Fate through Lipid Rafts. <i>Cells</i> , <b>2021</b> , 10,   | 7.9 | 3         |
| 55 | Urinary Mercury Levels and Predictors of Exposure among a Group of Italian Children. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,  | 4.6 | 2         |
| 54 | Src Family Kinases as Therapeutic Targets in Advanced Solid Tumors: What We Have Learned so Far. <i>Cancers</i> , <b>2020</b> , 12,  | 6.6 | 34        |
| 53 | Antitumorigenic Effects of Inhibiting Ephrin Receptor Kinase Signaling by GLPG1790 against Colorectal Cancer Cell Lines and. <i>Journal of Oncology</i> , <b>2020</b> , 2020, 9342732  | 4.5 | 2         |
| 52 | Prion Protein in Stem Cells: A Lipid Raft Component Involved in the Cellular Differentiation Process. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,   | 6.3 | 5         |
| 51 | 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> , <b>2020</b> , 14, 315-323  | 5.2 | 7         |
| 50 | Crocetin Extracted from Saffron Shows Antitumor Effects in Models of Human Glioblastoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 19        |

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| 49 | Expression of pro-angiogenic factors as potential biomarkers in experimental models of colon cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2020</b> , 146, 1427-1440   | 4.9 | 9  |
| 48 | Inhibition of autophagy in prostate cancer cells stimulates Tau accumulation and aberrant mitotic spindle. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1   | 0.9 |    |
| 47 | Neuritogenic signal pathway of tPA mediated by the multimolecular complex containing PrPC and LRP1 is dependent on lipid rafts. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1  | 0.9 |    |
| 46 | 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> , <b>2020</b> , 17,  | 4.6 | 2  |
| 45 | 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> , <b>2020</b> , 11, 552428                 | 5.6 | 6  |
| 44 | 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> , <b>2020</b> , 152, 468-481   | 6.1 | 12 |
| 43 | Targeting Lipid Rafts as a Strategy Against Coronavirus. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 618296   | 5.7 | 15 |
| 42 | Cellular and Molecular Mechanisms Mediated by recPrP Involved in the Neuronal Differentiation Process of Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,   | 6.3 | 19 |
| 41 | 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> , <b>2019</b> , 16, | 4.6 | 6  |
| 40 | Isolation, Propagation, and Prion Protein Expression During Neuronal Differentiation of Human Dental Pulp Stem Cells. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,  | 1.6 | 5  |
| 39 | In Vitro Conditioning Determines the Capacity of Dental Pulp Stem Cells to Function as Pericyte-Like Cells. <i>Stem Cells and Development</i> , <b>2019</b> , 28, 695-706   | 4.4 | 12 |
| 38 | 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> , <b>2019</b> , 11,  | 6.6 | 22 |
| 37 | 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> , <b>2019</b> , 16,   | 4.6 | 3  |
| 36 | Further Insights on Predictors of Environmental Tobacco Smoke Exposure during the Pediatric Age. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,   | 4.6 | 6  |
| 35 | 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> , <b>2019</b> , 11,   | 6.6 | 7  |
| 34 | The importance of measuring ultrafine particles in urban air quality monitoring in small cities. <i>Geographica Pannonica</i> , <b>2019</b> , 23, 347-358   | 1.9 | 5  |
| 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> , <b>2018</b> , 88, 167-176  | 4.8 | 14 |
| 32 | Role of Prion protein-EGFR multimolecular complex during neuronal differentiation of human dental pulp-derived stem cells. <i>Prion</i> , <b>2018</b> , 12, 117-126   | 2.3 | 12 |

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| 31 | Anti-Proliferative Properties and Proapoptotic Function of New CB2 Selective Cannabinoid Receptor Agonist in Jurkat Leukemia Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,               | 6.3 | 14 |
| 30 | Dual PI3 K/mTOR inhibition reduces prostate cancer bone engraftment altering tumor-induced bone remodeling. <i>Tumor Biology</i> , <b>2018</b> , 40, 1010428318771773  | 2.9 | 4  |
| 29 | Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. <i>Rheumatology</i> , <b>2018</b> , 57, 2032-2041   | 3.9 | 6  |
| 28 | Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169571   | 3.7 | 12 |
| 27 | Role of lipid rafts in neuronal differentiation of dental pulp-derived stem cells. <i>Experimental Cell Research</i> , <b>2015</b> , 339, 231-40   | 4.2 | 19 |
| 26 | Altered Traffic of Cardiolipin during Apoptosis: Exposure on the Cell Surface as a Trigger for "Antiphospholipid Antibodies". <i>Journal of Immunology Research</i> , <b>2015</b> , 2015, 847985                         | 4.5 | 17 |
| 25 | Role of mitochondrial raft-like microdomains in the regulation of cell apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2015</b> , 20, 621-34   | 5.4 | 39 |
| 24 | 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> , <b>2015</b> , 27, 613-22      | 0.9 | 1  |
| 23 | 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> , <b>2014</b> , 10, e1004305                  | 6   | 41 |
| 22 | Modulatory Effect of Gliadin Peptide 10-mer on Epithelial Intestinal CACO-2 Cell Inflammatory Response. <i>PLoS ONE</i> , <b>2013</b> , 8, e66561  | 3.7 | 15 |
| 21 | Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , <b>2012</b> , 5, 217-9   | 1.7 | 21 |
| 20 | Trafficking of PrPc to mitochondrial raft-like microdomains during cell apoptosis. <i>Prion</i> , <b>2012</b> , 6, 354-8   | 2.3 | 16 |
| 19 | 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> , <b>2012</b> , 12, 653-62 | 2.2 | 8  |
| 18 | Recruitment of cellular prion protein to mitochondrial raft-like microdomains contributes to apoptosis execution. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 4842-53                                       | 3.5 | 31 |
| 17 | Role of GD3-CLIPR-59 association in lymphoblastoid T cell apoptosis triggered by CD95/Fas. <i>PLoS ONE</i> , <b>2010</b> , 5, e8567  | 3.7 | 22 |
| 16 | Paracrine diffusion of PrP(C) and propagation of prion infectivity by plasma membrane-derived microvesicles. <i>PLoS ONE</i> , <b>2009</b> , 4, e5057  | 3.7 | 36 |
| 15 | Biochemistry and neurobiology of prosaposin: a potential therapeutic neuro-effector. <i>Central Nervous System Agents in Medicinal Chemistry</i> , <b>2009</b> , 9, 119-31   | 1.8 | 12 |
| 14 | Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. <i>FEBS Journal</i> , <b>2008</b> , 275, 4903-12   | 5.7 | 12 |

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| 13 | 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> , <b>2007</b> , 75, 1667-78                  | 3.7 | 109 |
| 12 | Role of gangliosides in the association of ErbB2 with lipid rafts in mammary epithelial HC11 cells. <i>FEBS Journal</i> , <b>2006</b> , 273, 1821-30  | 5.7 | 28  |
| 11 | Oxidized beta2-glycoprotein I induces human dendritic cell maturation and promotes a T helper type 1 response. <i>Blood</i> , <b>2005</b> , 106, 3880-7   | 2.2 | 65  |
| 10 | C3-induced 3LL cell proliferation is mediated by C kinase. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 94, 635-44   | 4.7 | 2   |
| 9  | Hippocampal prosaposin changes during stress: a glucocorticoid-independent event. <i>Hippocampus</i> , <b>2004</b> , 14, 275-80   | 3.5 | 5   |
| 8  | Role of GM3-enriched microdomains in signal transduction regulation in T lymphocytes. <i>Glycoconjugate Journal</i> , <b>2004</b> , 20, 63-70   | 3   | 37  |
| 7  | Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , <b>2004</b> , 298, 38-47   | 4.2 | 24  |
| 6  | Prion protein is a component of the multimolecular signaling complex involved in T cell activation. <i>FEBS Letters</i> , <b>2004</b> , 560, 14-8   | 3.8 | 86  |
| 5  | 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> , <b>2003</b> , 278, 8309-15 | 5.4 | 59  |
| 4  | Association of cellular prion protein with gangliosides in plasma membrane microdomains of neural and lymphocytic cells. <i>Neurochemical Research</i> , <b>2002</b> , 27, 743-9  | 4.6 | 28  |
| 3  | 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> , <b>2002</b> , 277, 11233-8                  | 5.4 | 40  |
| 2  | Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , <b>2002</b> , 43, 971-8   | 6.3 | 13  |
| 1  | Evidence for cell surface association between CXCR4 and ganglioside GM3 after gp120 binding in SupT1 lymphoblastoid cells. <i>FEBS Letters</i> , <b>2001</b> , 506, 55-60   | 3.8 | 30  |