

Roberta Misasi

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,360
citations

331670

21
h-index

377865

34
g-index

55
all docs

55
docs citations

55
times ranked

3922
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. <i>Autophagy</i> , 2016, 12, 917-935.	9.1	132
2	Prion protein is a component of the multimolecular signaling complex involved in T cell activation. <i>FEBS Letters</i> , 2004, 560, 14-18.	2.8	95
3	Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. <i>Autophagy</i> , 2014, 10, 750-765.	9.1	82
4	Association of the Death-inducing Signaling Complex with Microdomains after Triggering through CD95/Fas. <i>Journal of Biological Chemistry</i> , 2003, 278, 8309-8315.	3.4	64
5	The Mosaic of "Seronegative" Antiphospholipid Syndrome. <i>Journal of Immunology Research</i> , 2014, 2014, 1-7.	2.2	51
6	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.	4.9	46
7	Prosaposin treatment induces PC12 entry in the S phase of the cell cycle and prevents apoptosis: activation of ERKs and sphingosine kinase. <i>FASEB Journal</i> , 2001, 15, 467-474.	0.5	43
8	Targeting Lipid Rafts as a Strategy Against Coronavirus. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 618296.	3.7	43
9	"New" Antigenic Targets and Methodological Approaches for Refining Laboratory Diagnosis of Antiphospholipid Syndrome. <i>Journal of Immunology Research</i> , 2015, 2015, 1-13.	2.2	42
10	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021, 17, 2528-2548.	9.1	42
11	Raft component GD3 associates with tubulin following CD95/Fas ligation. <i>FASEB Journal</i> , 2009, 23, 3298-3308.	0.5	38
12	Increased HMGB1 expression and release by mononuclear cells following surgical/anesthesia trauma. <i>Critical Care</i> , 2010, 14, R197.	5.8	38
13	Gangliosides and autoimmune diabetes. , 1997, 13, 163-179.		37
14	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.	2.1	35
15	Ganglioside GD3 as a Raft Component in Cell Death Regulation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 376-382.	1.7	35
16	Role of lipid rafts in neuronal differentiation of dental pulp-derived stem cells. <i>Experimental Cell Research</i> , 2015, 339, 231-240.	2.6	31
17	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.	4.1	29
18	Protein Aggregation Landscape in Neurodegenerative Diseases: Clinical Relevance and Future Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6016.	4.1	28

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19	Role of GD3-CLIPR-59 Association in Lymphoblastoid T Cell Apoptosis Triggered by CD95/Fas. PLoS ONE, 2010, 5, e8567.	2.5	27
20	Prosaposin: a new player in cell death prevention of U937 monocytic cells. Experimental Cell Research, 2004, 298, 38-47.	2.6	25
21	Trafficking of PrP ^c to mitochondrial raft-like microdomains during cell apoptosis. Prion, 2012, 6, 354-358.	1.8	24
22	Altered Traffic of Cardiolipin during Apoptosis: Exposure on the Cell Surface as a Trigger for "Antiphospholipid Antibodies". Journal of Immunology Research, 2015, 2015, 1-9.	2.2	24
23	A multimolecular signaling complex including PrPC and LRP1 is strictly dependent on lipid rafts and is essential for the function of tissue plasminogen activator. Journal of Neurochemistry, 2020, 152, 468-481.	3.9	24
24	Anti-Proliferative Properties and Proapoptotic Function of New CB2 Selective Cannabinoid Receptor Agonist in Jurkat Leukemia Cells. International Journal of Molecular Sciences, 2018, 19, 1958.	4.1	21
25	Alarmin HMGB1 and Soluble RAGE as New Tools to Evaluate the Risk Stratification in Patients With the Antiphospholipid Syndrome. Frontiers in Immunology, 2019, 10, 460.	4.8	21
26	Molecular Mechanisms of "Antiphospholipid Antibodies" and Their Paradoxical Role in the Pathogenesis of "Seronegative APS". International Journal of Molecular Sciences, 2020, 21, 8411.	4.1	21
27	Raft-like microdomains play a key role in mitochondrial impairment in lymphoid cells from patients with Huntington's disease. Journal of Lipid Research, 2012, 53, 2057-2068.	4.2	20
28	Neuroglobin overexpression plays a pivotal role in neuroprotection through mitochondrial raft-like microdomains in neuroblastoma SK-N-BE2 cells. Molecular and Cellular Neurosciences, 2018, 88, 167-176.	2.2	18
29	Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. PLoS ONE, 2017, 12, e0169571.	2.5	18
30	The activities of LDL Receptor-related Protein-1 (LRP1) compartmentalize into distinct plasma membrane microdomains. Molecular and Cellular Neurosciences, 2016, 76, 42-51.	2.2	17
31	The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. Biomolecules, 2021, 11, 222.	4.0	17
32	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. Cells, 2021, 10, 2408.	4.1	14
33	Overexpression of Neuroglobin Promotes Energy Metabolism and Autophagy Induction in Human Neuroblastoma SH-SY5Y Cells. Cells, 2021, 10, 3394.	4.1	14
34	Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. FEBS Journal, 2008, 275, 4903-4912.	4.7	13
35	Elevated Serum Level of HMGB1 in Patients with the Antiphospholipid Syndrome. Journal of Immunology Research, 2017, 2017, 1-7.	2.2	13
36	Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. Rheumatology, 2018, 57, 2032-2041.	1.9	12

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37	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.	1.7	11
38	Isolation, Propagation, and Prion Protein Expression During Neuronal Differentiation of Human Dental Pulp Stem Cells. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	11
39	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.	3.4	11
40	Effect of heparanase inhibitor on tissue factor overexpression in platelets and endothelial cells induced by anti- α 2 β GPI antibodies. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2302-2313.	3.8	11
41	Prosaposin and prosaptide, a peptide from prosaposin, induce an increase in ganglioside content on NS20Y neuroblastoma cells. <i>Glycoconjugate Journal</i> , 1996, 13, 195-202.	2.7	10
42	Anti-Inflammatory Activity of a CB2 Selective Cannabinoid Receptor Agonist: Signaling and Cytokines Release in Blood Mononuclear Cells. <i>Molecules</i> , 2022, 27, 64.	3.8	10
43	Changes in membrane lipids drive increased endocytosis following Fas ligation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 681-695.	4.9	9
44	Proteome data of neuroblastoma cells overexpressing Neuroglobin. <i>Data in Brief</i> , 2022, 41, 107843.	1.0	8
45	Hippocampal prosaposin changes during stress: A glucocorticoid-independent event. <i>Hippocampus</i> , 2004, 14, 275-280.	1.9	5
46	HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2022, 10, 868269.	1.9	5
47	Anti- α 2 β -GPI Antibodies Induce Endothelial Cell Expression of Tissue Factor by LRP6 Signal Transduction Pathway Involving Lipid Rafts. <i>Cells</i> , 2022, 11, 1288.	4.1	4
48	Different domains of α 2 β -glycoprotein I play a role in autoimmune pathogenesis. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1210-1211.	10.5	3
49	Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , 2021, . .	3.5	3
50	Carbamylation of α 2 β -glycoprotein I generates new autoantigens for antiphospholipid syndrome: a new tool for diagnosis of "seronegative"™ patients. <i>Rheumatology</i> , 2022, 61, 4187-4197.	1.9	2
51	Editorial: Targeting Lipid Rafts as a Strategy Against Infection and Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 748905.	3.7	1
52	Gangliosides and autoimmune diabetes. <i>Diabetes/metabolism Reviews</i> , 1997, 13, 163-179.	0.3	1
53	Multiple Arterial Thrombosis in Seronegative Antiphospholipid Syndrome: Need for New Diagnostic Criteria?. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 6, 1.	0.4	1
54	Effect of heparanase inhibitor on tissue factor overexpression in platelets and endothelial cells induced by anti- α 2 β GPI antibodies: Reply to comment from Mackman et al.. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 261-262.	3.8	0

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55	Editorial for Special Issue: Neuroglobin from Brain Protection to Cancer Progression. Cells, 2022, 11, 2181.	4.1	0