

Tina Garofalo

List of Publications by Year in descending order

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94
papers

3,039
citations

136740

32
h-index

189595

50
g-index

95
all docs

95
docs citations

95
times ranked

5458
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti- β_2 -glycoprotein I antibodies induce monocyte release of tumor necrosis factor α and tissue factor by signal transduction pathways involving lipid rafts. <i>Arthritis and Rheumatism</i> , 2007, 56, 2687-2697.	6.7	195
2	Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. <i>Autophagy</i> , 2016, 12, 917-935.	4.3	132
3	Cardiolipin and its metabolites move from mitochondria to other cellular membranes during death receptor-mediated apoptosis. <i>Cell Death and Differentiation</i> , 2004, 11, 1133-1145.	5.0	131
4	Lipid microdomains contribute to apoptosis-associated modifications of mitochondria in T cells. <i>Cell Death and Differentiation</i> , 2005, 12, 1378-1389.	5.0	106
5	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
6	Cardiolipin-enriched raft-like microdomains are essential activating platforms for apoptotic signals on mitochondria. <i>FEBS Letters</i> , 2009, 583, 2447-2450.	1.3	93
7	Cardiolipin on the surface of apoptotic cells as a possible trigger for antiphospholipid antibodies. <i>Clinical and Experimental Immunology</i> , 2000, 122, 277-284.	1.1	91
8	Vimentin/cardiophilin complex as a new antigenic target of the antiphospholipid syndrome. <i>Blood</i> , 2010, 116, 2960-2967.	0.6	88
9	Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. <i>Autophagy</i> , 2014, 10, 750-765.	4.3	82
10	Autoantibodies to the C-terminal subunit of RLIP76 induce oxidative stress and endothelial cell apoptosis in immune-mediated vascular diseases and atherosclerosis. <i>Blood</i> , 2008, 111, 4559-4570.	0.6	71
11	Association of fission proteins with mitochondrial raft-like domains. <i>Cell Death and Differentiation</i> , 2010, 17, 1047-1058.	5.0	70
12	Dynamics of lipid raft components during lymphocyte apoptosis: The paradigmatic role of GD3. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 941-949.	2.2	66
13	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
14	Autophagy generates citrullinated peptides in human synoviocytes: a possible trigger for anti-citrullinated peptide antibodies. <i>Rheumatology</i> , 2016, 55, 1374-1385.	0.9	58
15	GD3 glycosphingolipid contributes to Fas-mediated apoptosis via association with ezrin cytoskeletal protein. <i>FEBS Letters</i> , 2001, 506, 45-50.	1.3	49
16	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
17	A Novel Mechanism of CD4 Down-modulation Induced by Monosialoganglioside GM3. <i>Journal of Biological Chemistry</i> , 1998, 273, 35153-35160.	1.6	45
18	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

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19	Targeting Lipid Rafts as a Strategy Against Coronavirus. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 618296.	1.8	43
20	Role of GM3-enriched microdomains in signal transduction regulation in T lymphocytes. <i>Glycoconjugate Journal</i> , 2003, 20, 63-70.	1.4	42
21	Paracrine Diffusion of PrPC and Propagation of Prion Infectivity by Plasma Membrane-Derived Microvesicles. <i>PLoS ONE</i> , 2009, 4, e5057.	1.1	42
22	Constitutive localization of DR4 in lipid rafts is mandatory for TRAIL-induced apoptosis in B-cell hematologic malignancies. <i>Cell Death and Disease</i> , 2013, 4, e863-e863.	2.7	42
23	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021, 17, 2528-2548.	4.3	42
24	Do mitochondria act as "cargo boats" in the journey of GD3 to the nucleus during apoptosis?. <i>FEBS Letters</i> , 2007, 581, 3899-3903.	1.3	40
25	Raft component GD3 associates with tubulin following CD95/Fas ligation. <i>FASEB Journal</i> , 2009, 23, 3298-3308.	0.2	38
26	Increased HMGB1 expression and release by mononuclear cells following surgical/anesthesia trauma. <i>Critical Care</i> , 2010, 14, R197.	2.5	38
27	On the role of sphingolipids in cell survival and death. <i>International Review of Cell and Molecular Biology</i> , 2020, 351, 149-195.	1.6	36
28	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
29	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
30	Ganglioside GD3 as a Raft Component in Cell Death Regulation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 376-382.	0.9	35
31	Detection of antiphospholipid antibodies by immunostaining on thin layer chromatography plates. <i>Journal of Immunological Methods</i> , 1994, 173, 49-54.	0.6	33
32	Monosialoganglioside GM3 Induces CD4 Internalization in Human Peripheral Blood T Lymphocytes. <i>Scandinavian Journal of Immunology</i> , 1995, 41, 148-156.	1.3	33
33	Mitoptosis: Different Pathways for Mitochondrial Execution. <i>Autophagy</i> , 2007, 3, 282-284.	4.3	33
34	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
35	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
36	Adaptor Protein ARH Is Recruited to the Plasma Membrane by Low Density Lipoprotein (LDL) Binding and Modulates Endocytosis of the LDL/LDL Receptor Complex in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 38416-38423.	1.6	31

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37	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
38	Thin-layer chromatography immunostaining in detecting anti-phospholipid antibodies in seronegative anti-phospholipid syndrome. <i>Clinical and Experimental Immunology</i> , 2012, 167, 429-437.	1.1	30
39	p56lck, LFA-1 and PI3K but not SHP-2 interact with GM1- or GM3-enriched microdomains in a CD4 α p56lck association-dependent manner. <i>Biochemical Journal</i> , 2007, 402, 471-481.	1.7	29
40	Protein Aggregation Landscape in Neurodegenerative Diseases: Clinical Relevance and Future Applications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6016.	1.8	28
41	Endosomal compartment contributes to the propagation of CD95/Fas-mediated signals in type A β cells. <i>Biochemical Journal</i> , 2008, 413, 467-478.	1.7	27
42	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
43	GM3 as a Target of Anti-lymphocytic Ganglioside Antibodies in AIDS Patients. <i>Clinical Immunology and Immunopathology</i> , 1993, 67, 216-223.	2.1	26
44	Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , 2004, 298, 38-47.	1.2	25
45	Antiphospholipid reactivity against cardiolipin metabolites occurring during endothelial cell apoptosis. <i>Arthritis Research and Therapy</i> , 2006, 8, R180.	1.6	25
46	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012, 5, 217-219.	0.6	25
47	Trafficking of PrP ^{Sc} to mitochondrial raft-like microdomains during cell apoptosis. <i>Prion</i> , 2012, 6, 354-358.	0.9	24
48	Altered Traffic of Cardiolipin during Apoptosis: Exposure on the Cell Surface as a Trigger for α -Antiphospholipid Antibodies. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	24
49	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
50	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. <i>Journal of Autoimmunity</i> , 2015, 58, 78-89.	3.0	21
51	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
52	Alarmin HMGB1 and Soluble RAGE as New Tools to Evaluate the Risk Stratification in Patients With the Antiphospholipid Syndrome. <i>Frontiers in Immunology</i> , 2019, 10, 460.	2.2	21
53	Molecular Mechanisms of α -Antiphospholipid Antibodies and Their Paradoxical Role in the Pathogenesis of α -Seronegative APS. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8411.	1.8	21
54	Raft-like microdomains play a key role in mitochondrial impairment in lymphoid cells from patients with Huntington's disease. <i>Journal of Lipid Research</i> , 2012, 53, 2057-2068.	2.0	20

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55	Oxidative Stress Induces HSP90 Upregulation on the Surface of Primary Human Endothelial Cells: Role of the Antioxidant 7,8-Dihydroxy-4-methylcoumarin in Preventing HSP90 Exposure to the Immune System. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	19
56	Activation of liver X receptor upregulates the expression of the NKG2D ligands MICA and MICB in multiple myeloma through different molecular mechanisms. <i>FASEB Journal</i> , 2019, 33, 9489-9504.	0.2	19
57	Autoantibodies Against Ganglioside GM3 Represent a Portion of Anti-Lymphocyte Antibodies in AIDS Patients. <i>Scandinavian Journal of Immunology</i> , 1994, 40, 77-82.	1.3	18
58	Detection of antiphospholipid antibodies by automated chemiluminescence assay. <i>Journal of Immunological Methods</i> , 2012, 379, 48-52.	0.6	18
59	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
60	A Monocentric Cohort of Obstetric Seronegative Anti-Phospholipid Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 1678.	2.2	18
61	Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. <i>PLoS ONE</i> , 2017, 12, e0169571.	1.1	18
62	The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. <i>Biomolecules</i> , 2021, 11, 222.	1.8	17
63	Association between GM3 and CD4-Ick complex in human peripheral blood lymphocytes. <i>Glycoconjugate Journal</i> , 2000, 17, 247-252.	1.4	15
64	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. <i>Cells</i> , 2021, 10, 2408.	1.8	14
65	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002, 43, 971-978.	2.0	14
66	Overexpression of Neuroglobin Promotes Energy Metabolism and Autophagy Induction in Human Neuroblastoma SH-SY5Y Cells. <i>Cells</i> , 2021, 10, 3394.	1.8	14
67	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002, 43, 971-8.	2.0	14
68	Neurotrophic signalling pathway triggered by prosaposin in PC12 cells occurs through lipid rafts. <i>FEBS Journal</i> , 2008, 275, 4903-4912.	2.2	13
69	Chapter Six Analyzing Lipid Raft Dynamics during Cell Apoptosis. <i>Methods in Enzymology</i> , 2008, 442, 125-140.	0.4	13
70	Elevated Serum Level of HMGB1 in Patients with the Antiphospholipid Syndrome. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	0.9	13
71	Recruitment of mitofusin 2 into lipid rafts drives mitochondria fusion induced by Mdivi-1. <i>Oncotarget</i> , 2018, 9, 18869-18884.	0.8	13
72	Glycosphingolipid Domains on Cell Plasma Membrane. <i>Bioscience Reports</i> , 1999, 19, 197-208.	1.1	12

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73	Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. <i>Rheumatology</i> , 2018, 57, 2032-2041.	0.9	12
74	Overexpression of Monosialoganglioside GM3 on Lymphocyte Plasma Membrane in Patients with HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 12, 112-119.	0.3	12
75	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
76	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.	1.9	11
77	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
78	Overexpression of Lymphocytic GD3 Ganglioside and Presence of Anti-GD3 Antibodies in Patients with HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1539-1549.	0.5	9
79	Expression of GM3 microdomains on the surfaces of murine fibroblasts correlates with inhibition of cell proliferation. <i>Histochemistry and Cell Biology</i> , 2000, 113, 43-50.	0.8	9
80	Changes in membrane lipids drive increased endocytosis following Fas ligation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 681-695.	2.2	9
81	Influence of different glycosphingolipids on the conductometric properties of a model phospholipid membrane system. <i>Colloids and Surfaces B: Biointerfaces</i> , 1996, 7, 39-46.	2.5	7
82	Structural Alteration of Erythrocyte Membrane during Storage: a Combined Electrical Conductometric and Flow-Cytometric Study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 857-864.	0.6	7
83	Evidence for the existence of ganglioside molecules in the antigen of <i>Entamoeba histolytica</i> . <i>Parasite Immunology</i> , 1996, 18, 133-137.	0.7	6
84	HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2022, 10, 868269.	0.9	5
85	Anti-vimentin/cardiolipin IgA in the anti-phospholipid syndrome: A new tool for "seronegative"™ diagnosis. <i>Clinical and Experimental Immunology</i> , 2021, 205, 326-332.	1.1	4
86	Anti- α -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
87	Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , 2021, , .	1.7	3
88	Carbamylation of α -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
89	Corrigendum to: GD3 glycosphingolipid contributes to Fas mediated apoptosis via association with ezrin cytoskeletal protein (FEBS 25182). <i>FEBS Letters</i> , 2001, 508, 494-494.	1.3	1
90	HMGB1 expression in leukocytes as a biomarker of cellular damage induced by [99m Tc]Tc-HMPAO-labelling procedure: A quality control study. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 94-100.	0.3	1

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91	Editorial: Targeting Lipid Rafts as a Strategy Against Infection and Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 748905.	1.8	1
92	PrPC associates with a multimolecular complex including LRP1 and glycosphingolipids within lipid rafts (601.1). <i>FASEB Journal</i> , 2014, 28, 601.1.	0.2	0
93	Neurotogenic 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
94	Effect of heparanase inhibitor on tissue factor overexpression in platelets and endothelial cells induced by anti- α 2 β 1 GPI antibodies: Reply to comment from Mackman et al.. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 261-262.	1.9	0