

Tina Garofalo

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.

90
papers

2,409
citations

29
h-index

45
g-index

95
ext. papers

2,740
ext. citations

5.2
avg, IF

4.31
L-index

#	Paper	IF	Citations
90	Anti-beta2-glycoprotein I antibodies induce monocyte release of tumor necrosis factor alpha and tissue factor by signal transduction pathways involving lipid rafts. <i>Arthritis and Rheumatism</i> , 2007 , 56, 2687-97		166
89	Cardiolipin and its metabolites move from mitochondria to other cellular membranes during death receptor-mediated apoptosis. <i>Cell Death and Differentiation</i> , 2004 , 11, 1133-45	12.7	121
88	Evidence for the involvement of lipid rafts localized at the ER-mitochondria associated membranes in autophagosome formation. <i>Autophagy</i> , 2016 , 12, 917-35	10.2	103
87	Lipid microdomains contribute to apoptosis-associated modifications of mitochondria in T cells. <i>Cell Death and Differentiation</i> , 2005 , 12, 1378-89	12.7	91
86	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
85	Cardiolipin-enriched raft-like microdomains are essential activating platforms for apoptotic signals on mitochondria. <i>FEBS Letters</i> , 2009 , 583, 2447-50	3.8	80
84	Cardiolipin on the surface of apoptotic cells as a possible trigger for antiphospholipids antibodies. <i>Clinical and Experimental Immunology</i> , 2000 , 122, 277-84	6.2	80
83	Vimentin/cardiolipin complex as a new antigenic target of the antiphospholipid syndrome. <i>Blood</i> , 2010 , 116, 2960-7	2.2	69
82	Evidence for the involvement of GD3 ganglioside in autophagosome formation and maturation. <i>Autophagy</i> , 2014 , 10, 750-65	10.2	65
81	Association of fission proteins with mitochondrial raft-like domains. <i>Cell Death and Differentiation</i> , 2010 , 17, 1047-58	12.7	65
80	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, 4559-70	2.2	63
79	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, 941-9	5.4	60
78	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
77	GD3 glycosphingolipid contributes to Fas-mediated apoptosis via association with ezrin cytoskeletal protein. <i>FEBS Letters</i> , 2001 , 506, 45-50	3.8	45
76	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
75	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
74	Autophagy generates citrullinated peptides in human synoviocytes: a possible trigger for anti-citrullinated peptide antibodies. <i>Rheumatology</i> , 2016 , 55, 1374-85	3.9	39

73	Do mitochondria act as "cargo boats" in the journey of GD3 to the nucleus during apoptosis?. <i>FEBS Letters</i> , 2007 , 581, 3899-903	3.8	37
72	Role of GM3-enriched microdomains in signal transduction regulation in T lymphocytes. <i>Glycoconjugate Journal</i> , 2004 , 20, 63-70	3	37
71	A novel mechanism of CD4 down-modulation induced by monosialoganglioside GM3. Involvement of serine phosphorylation and protein kinase c delta translocation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 35153-60	5.4	37
70	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
69	Raft component GD3 associates with tubulin following CD95/Fas ligation. <i>FASEB Journal</i> , 2009 , 23, 3298-308	3.8	35
68	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
67	Monosialoganglioside GM3 induces CD4 internalization in human peripheral blood T lymphocytes. <i>Scandinavian Journal of Immunology</i> , 1995 , 41, 148-56	3.4	31
66	Increased HMGB1 expression and release by mononuclear cells following surgical/anesthesia trauma. <i>Critical Care</i> , 2010 , 14, R197	10.8	30
65	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
64	Mitoptosis: different pathways for mitochondrial execution. <i>Autophagy</i> , 2007 , 3, 282-4	10.2	29
63	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, 38416-23	5.4	29
62	Detection of antiphospholipid antibodies by immunostaining on thin layer chromatography plates. <i>Journal of Immunological Methods</i> , 1994 , 173, 49-54	2.5	29
61	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
60	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
59	Ganglioside GD3 as a raft component in cell death regulation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 376-82	2.2	28
58	Thin-layer chromatography immunostaining in detecting anti-phospholipid antibodies in seronegative anti-phospholipid syndrome. <i>Clinical and Experimental Immunology</i> , 2012 , 167, 429-37	6.2	26
57	Prosaposin: a new player in cell death prevention of U937 monocytic cells. <i>Experimental Cell Research</i> , 2004 , 298, 38-47	4.2	24
56	Endosomal compartment contributes to the propagation of CD95/Fas-mediated signals in type II cells. <i>Biochemical Journal</i> , 2008 , 413, 467-78	3.8	23

55	p56lck, LFA-1 and PI3K but not SHP-2 interact with GM1- or GM3-enriched microdomains in a CD4-p56lck association-dependent manner. <i>Biochemical Journal</i> , 2007 , 402, 471-81	3.8	23
54	Antiphospholipid reactivity against cardiolipin metabolites occurring during endothelial cell apoptosis. <i>Arthritis Research and Therapy</i> , 2006 , 8, R180	5.7	23
53	GM3 as a target of anti-lymphocytic ganglioside antibodies in AIDS patients. <i>Clinical Immunology and Immunopathology</i> , 1993 , 67, 216-23		23
52	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	9.8	22
51	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
50	Dynamics of mitochondrial raft-like microdomains in cell life and death. <i>Communicative and Integrative Biology</i> , 2012 , 5, 217-9	1.7	21
49	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
48	On the role of sphingolipids in cell survival and death. <i>International Review of Cell and Molecular Biology</i> , 2020 , 351, 149-195	6	18
47	Detection of antiphospholipid antibodies by automated chemiluminescence assay. <i>Journal of Immunological Methods</i> , 2012 , 379, 48-52	2.5	18
46	Autoantibodies against ganglioside GM3 represent a portion of anti-lymphocyte antibodies in AIDS patients. <i>Scandinavian Journal of Immunology</i> , 1994 , 40, 77-82	3.4	18
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	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	6.3	16
42	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021 , 17, 2528-2548	10.2	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	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	15.5	14

37	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002 , 43, 971-978	6.3	13
36	Ganglioside GM3 activates ERKs in human lymphocytic cells. <i>Journal of Lipid Research</i> , 2002 , 43, 971-8	6.3	13
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	Association between GM3 and CD4-Ick complex in human peripheral blood lymphocytes. <i>Glycoconjugate Journal</i> , 2000 , 17, 247-52	3	12
33	Morphine Withdrawal Modifies Prion Protein Expression in Rat Hippocampus. <i>PLoS ONE</i> , 2017 , 12, e0169571	3.7	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	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	8.4	11
30	Elevated Serum Level of HMGB1 in Patients with the Antiphospholipid Syndrome. <i>Journal of Immunology Research</i> , 2017 , 2017, 4570715	4.5	11
29	Analyzing lipid raft dynamics during cell apoptosis. <i>Methods in Enzymology</i> , 2008 , 442, 125-40	1.7	11
28	Glycosphingolipid domains on cell plasma membrane. <i>Bioscience Reports</i> , 1999 , 19, 197-208	4.1	11
27	Recruitment of mitofusin 2 into "lipid rafts" drives mitochondria fusion induced by Mdivi-1. <i>Oncotarget</i> , 2018 , 9, 18869-18884	3.3	11
26	Overexpression of monosialoganglioside GM3 on lymphocyte plasma membrane in patients with HIV infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996 , 12, 112-9		11
25	Activation of liver X receptor up-regulates the expression of the NKG2D ligands MICA and MICB in multiple myeloma through different molecular mechanisms. <i>FASEB Journal</i> , 2019 , 33, 9489-9504	0.9	10
24	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, 2373167	6.7	10
23	A Monocentric Cohort of Obstetric Seronegative Anti-Phospholipid Syndrome. <i>Frontiers in Immunology</i> , 2018 , 9, 1678	8.4	9
22	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	2.4	9
21	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, 1539-49	1.6	8
20	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

19	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, 857-64	1.7	7
18	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	6	7
17	Molecular Mechanisms of "Antiphospholipid Antibodies" and Their Paradoxical Role in the Pathogenesis of "Seronegative APS". <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
16	Protein Aggregation Landscape in Neurodegenerative Diseases: Clinical Relevance and Future Applications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
15	Changes in membrane lipids drive increased endocytosis following Fas ligation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 681-695	5.4	6
14	The Role of Cardiolipin as a Scaffold Mitochondrial Phospholipid in Autophagosome Formation: In Vitro Evidence. <i>Biomolecules</i> , 2021 , 11,	5.9	6
13	Autophagy induces protein carbamylation in fibroblast-like synoviocytes from patients with rheumatoid arthritis. <i>Rheumatology</i> , 2018 , 57, 2032-2041	3.9	6
12	Evidence for the existence of ganglioside molecules in the antigen of <i>Entamoeba histolytica</i> . <i>Parasite Immunology</i> , 1996 , 18, 133-7	2.2	5
11	Effect of heparanase inhibitor on tissue factor overexpression in platelets and endothelial cells induced by anti- α -GPI antibodies. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 2302-2313	15.4	5
10	Overexpression of Neuroglobin Promotes Energy Metabolism and Autophagy Induction in Human Neuroblastoma SH-SY5Y Cells.. <i>Cells</i> , 2021 , 10,	7.9	4
9	Role of ERLINs in the Control of Cell Fate through Lipid Rafts. <i>Cells</i> , 2021 , 10,	7.9	3
8	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	3.8	1
7	Signal transduction pathway involved in platelet activation in immune thrombotic thrombocytopenia after COVID-19 vaccination. <i>Haematologica</i> , 2021 ,	6.6	1
6	HMGB1 expression in leukocytes as a biomarker of cellular damage induced by [Tc]Tc-HMPAO-labelling procedure: A quality control study. <i>Nuclear Medicine and Biology</i> , 2021 , 96-97, 94-100	2.1	1
5	Anti-vimentin/cardiolipin IgA in the anti-phospholipid syndrome: A new tool for SeronegativeS diagnosis. <i>Clinical and Experimental Immunology</i> , 2021 , 205, 326-332	6.2	1
4	HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 868269,	3.4	0
3	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	
2	PrPC associates with a multimolecular complex including LRP1 and glycosphingolipids within lipid rafts (601.1). <i>FASEB Journal</i> , 2014 , 28, 601.1	0.9	

- 1 Effect of heparanase inhibitor on tissue factor overexpression in platelets and endothelial cells induced by anti- α -GPI antibodies: Reply to comment from Mackman et al.. *Journal of Thrombosis and Haemostasis*, **2022**, 20, 261-262 15.4