

# Riccardo Ghidoni

## 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.

96  
papers

4,133  
citations

33  
h-index

63  
g-index

101  
ext. papers

4,498  
ext. citations

4.7  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
96	Myriocin modulates the altered lipid metabolism and storage in cystic fibrosis. <i>Cellular Signalling</i> , <b>2021</b> , 81, 109928	4.9	2
95	Vitreous composition modification after transpalpebral electrical stimulation of the eye: Biochemical analysis. <i>Experimental Eye Research</i> , <b>2021</b> , 207, 108601	3.7	1
94	Inhibition of Ceramide Synthesis Reduces $\beta$ Synuclein Proteinopathy in a Cellular Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
93	Peri-operative prognostic factors for primary skull base chordomas: results from a single-center cohort. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 689-697	3	1
92	Simple and Complex Sugars in Parkinson's Disease: a Bittersweet Taste. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2934-2943	6.2	1
91	Myriocin Effect on Tvrn4 Retina, an Autosomal Dominant Pattern of Retinitis Pigmentosa. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 372	5.1	6
90	An Innovative Lipidomic Workflow to Investigate the Lipid Profile in a Cystic Fibrosis Cell Line. <i>Cells</i> , <b>2020</b> , 9,	7.9	9
89	Defects in Galactose Metabolism and Glycoconjugate Biosynthesis in a UDP-Glucose Pyrophosphorylase-Deficient Cell Line Are Reversed by Adding Galactose to the Growth Medium. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
88	Inhibition of Sphingolipid Synthesis as a Phenotype-Modifying Therapy in Cystic Fibrosis. <i>Cellular Physiology and Biochemistry</i> , <b>2020</b> , 54, 110-125	3.9	9
87	Brain Cancer-Activated Microglia: A Potential Role for Sphingolipids. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 4039-4061	4.3	2
86	Cystic Fibrosis Defective Response to Infection Involves Autophagy and Lipid Metabolism. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
85	Sphingolipid Synthesis Inhibition by Myriocin Administration Enhances Lipid Consumption and Ameliorates Lipid Response to Myocardial Ischemia Reperfusion Injury. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 986	4.6	11
84	Dietary Curcumin: Correlation between Bioavailability and Health Potential. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	148
83	Long and Very-Long-Chain Ceramides Correlate with A More Aggressive Behavior in Skull Base Chordoma Patients. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7
82	Inflammatory role of extracellular sphingolipids in Cystic Fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2019</b> , 116, 105622	5.6	3
81	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. <i>Drug Delivery</i> , <b>2019</b> , 26, 237-243	7	23
80	The crosstalk between glycosphingolipids and neural stem cells. <i>Journal of Neurochemistry</i> , <b>2019</b> , 148, 698-711	6	5

79	Report of the 12th Sphingolipid Club Meeting, Trabia, Italy (Sept. 7-10, 2017). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2018</b> , 391, 111-113	3.4	1
78	Cancer Prevention and Therapy with Polyphenols: Sphingolipid-Mediated Mechanisms. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	40
77	Inhibitors of ceramide de novo biosynthesis rescue damages induced by cigarette smoke in airways epithelia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 753-759	3.4	12
76	2-Acetyl-5-tetrahydroxybutyl imidazole (THI) protects 661W cells against oxidative stress. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 741-751	3.4	12
75	Myriocin treatment of CF lung infection and inflammation: complex analyses for enigmatic lipids. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 775-790	3.4	10
74	Determination of the serine palmitoyl transferase inhibitor myriocin by electrospray and Q-trap mass spectrometry. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e4026	1.7	6
73	Application of An Improved HPLC-FL Method to Screen Serine Palmitoyl Transferase Inhibitors. <i>Molecules</i> , <b>2017</b> , 22,	4.8	1
72	Inhibition of ceramide de novo synthesis by myriocin produces the double effect of reducing pathological inflammation and exerting antifungal activity against <i>A. fumigatus</i> airways infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2016</b> , 1860, 1089-97	4	24
71	De novo ceramide synthesis is involved in acute inflammation during labor. <i>Biological Chemistry</i> , <b>2016</b> , 397, 147-55	4.5	7
70	Natural grape extracts regulate colon cancer cells malignancy. <i>Nutrition and Cancer</i> , <b>2015</b> , 67, 494-503	2.8	26
69	Role of Sphingolipids in the Pathobiology of Lung Inflammation. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 487508	4.3	63
68	Resveratrol: A potential challenger against gastric cancer. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 10636-43	5.6	49
67	Anti-inflammatory action of lipid nanocarrier-delivered myriocin: therapeutic potential in cystic fibrosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 586-94	4	41
66	Cone survival and preservation of visual acuity in an animal model of retinal degeneration. <i>European Journal of Neuroscience</i> , <b>2013</b> , 37, 1853-62	3.5	31
65	Dihydroceramide desaturase and dihydrosphingolipids: debutant players in the sphingolipid arena. <i>Progress in Lipid Research</i> , <b>2012</b> , 51, 82-94	14.3	74
64	Dihydroceramide delays cell cycle G1/S transition via activation of ER stress and induction of autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 2135-43	5.6	55
63	Naphthalene-fused (alkoxycarbonyl)methylene- $\epsilon$ -butyrolactones: antiproliferative activity and binding to bovine serum albumin and DNA. <i>DNA and Cell Biology</i> , <b>2012</b> , 31, 783-9	3.6	15
62	Sphingosine mediates TNF-induced lysosomal membrane permeabilization and ensuing programmed cell death in hepatoma cells. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 1134-43	6.3	49

61	Defects in galactose metabolism and glycoconjugate biosynthesis in UDP-glucose pyrophosphorylase-deficient fibroblasts are reversed by supplementing the cell growth medium with galactose. <i>FASEB Journal</i> , <b>2012</b> , 26, lb234	0.9	
60	Antiproliferative activity and cell cycle analysis of 2-(3,5-dihydroxyphenyl)-6-hydroxybenzothiazole on MCF-7 breast and HCT-15 colon cancer cell lines. <i>DNA and Cell Biology</i> , <b>2011</b> , 30, 617-21	3.6	4
59	Inhibition of ceramide biosynthesis preserves photoreceptor structure and function in a mouse model of retinitis pigmentosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 18706-11	11.5	82
58	Antiproliferative activity of N6-isopentenyladenosine on MCF-7 breast cancer cells: cell cycle analysis and DNA-binding study. <i>DNA and Cell Biology</i> , <b>2010</b> , 29, 687-91	3.6	23
57	Synthesis of heterocycle-based analogs of resveratrol and their antitumor and vasorelaxing properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 6715-24	3.4	29
56	In vitro anti-leukaemia activity of sphingosine kinase inhibitor. <i>British Journal of Haematology</i> , <b>2009</b> , 144, 350-7	4.5	24
55	Dihydroceramide intracellular increase in response to resveratrol treatment mediates autophagy in gastric cancer cells. <i>Cancer Letters</i> , <b>2009</b> , 282, 238-43	9.9	120
54	Sphingolipids in macroautophagy. <i>Methods in Molecular Biology</i> , <b>2008</b> , 445, 159-73	1.4	27
53	Is autophagy the key mechanism by which the sphingolipid rheostat controls the cell fate decision?. <i>Autophagy</i> , <b>2007</b> , 3, 45-7	10.2	77
52	Resveratrol impairs the formation of MDA-MB-231 multicellular tumor spheroids concomitant with ceramide accumulation. <i>Cancer Letters</i> , <b>2007</b> , 249, 143-7	9.9	20
51	Resveratrol sensitization of DU145 prostate cancer cells to ionizing radiation is associated to ceramide increase. <i>Cancer Letters</i> , <b>2007</b> , 253, 124-30	9.9	71
50	Disruption of retinoic acid receptor alpha reveals the growth promoter face of retinoic acid. <i>PLoS ONE</i> , <b>2007</b> , 2, e836	3.7	23
49	Sphingosine Kinase 1 as a Potential Target To Inhibit Proliferation of Myeloid Leukemia Cells.. <i>Blood</i> , <b>2007</b> , 110, 4196-4196	2.2	
48	Regulation of autophagy by sphingosine kinase 1 and its role in cell survival during nutrient starvation. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 8518-27	5.4	198
47	Sphingolipid players in the leukemia arena. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2006</b> , 1758, 2121-32	3.8	11
46	Strategies for comparing gene expression profiles from different microarray platforms: application to a case-control experiment. <i>Analytical Biochemistry</i> , <b>2006</b> , 353, 43-56	3.1	37
45	Synthesis of a resveratrol analogue with high ceramide-mediated proapoptotic activity on human breast cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 6783-6	8.3	65
44	Resveratrol as an anticancer nutrient: molecular basis, open questions and promises. <i>Journal of Nutritional Biochemistry</i> , <b>2005</b> , 16, 449-66	6.3	372

43	Inhibitory effect of aureobasidin A on <i>Toxoplasma gondii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 1794-801	5.9	35
42	Breast cancer and sphingolipid signalling. <i>Journal of Dairy Research</i> , <b>2005</b> , 72 Spec No, 5-13	1.6	4
41	Resveratrol as an Antiproliferative Agent for Cancer. <i>Oxidative Stress and Disease</i> , <b>2005</b> , 57-83		
40	Dual effects of IGFBP-3 on endothelial cell apoptosis and survival: involvement of the sphingolipid signaling pathways. <i>FASEB Journal</i> , <b>2004</b> , 18, 1456-8	0.9	107
39	Ceramide-mediated macroautophagy involves inhibition of protein kinase B and up-regulation of beclin 1. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 18384-91	5.4	333
38	Resveratrol induces growth inhibition and apoptosis in metastatic breast cancer cells via de novo ceramide signaling. <i>FASEB Journal</i> , <b>2003</b> , 17, 2339-41	0.9	150
37	Increase in ceramide level alters the lysosomal targeting of cathepsin D prior to onset of apoptosis in HT-29 colon cancer cells. <i>Biological Chemistry</i> , <b>2002</b> , 383, 989-99	4.5	26
36	Endogenous reactivation of the RARbeta2 tumor suppressor gene epigenetically silenced in breast cancer. <i>Cancer Research</i> , <b>2002</b> , 62, 2455-61	10.1	102
35	Use of sphingolipid analogs: benefits and risks. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>1999</b> , 1439, 17-39	5	33
34	Influence of topical tretinoin on skin lipid production in vivo. <i>Archives of Dermatological Research</i> , <b>1998</b> , 290, 450-2	3.3	0
33	The metabolism of sphingo(glyco)lipids is correlated with the differentiation-dependent autophagic pathway in HT-29 cells. <i>FEBS Journal</i> , <b>1996</b> , 237, 454-9		24
32	Ceramide composition of the psoriatic scale. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>1993</b> , 1182, 147-51	6.9	322
31	Changes of the human liver GM3 ganglioside molecular species during aging. <i>FEBS Journal</i> , <b>1992</b> , 203, 107-13		26
30	Metabolism of semisynthetic single-chain GM1 derivatives in cerebellar granule cells in culture. <i>Neurochemical Research</i> , <b>1991</b> , 16, 1187-92	4.6	2
29	Localization in the Golgi apparatus of rat liver UDP-Gal:glucosylceramide beta 1----4galactosyltransferase. <i>Biochemistry</i> , <b>1991</b> , 30, 2719-24	3.2	16
28	Content, pattern and metabolic processing of rat-liver gangliosides during liver regeneration. <i>FEBS Journal</i> , <b>1990</b> , 194, 377-82		10
27	Effect of the different supramolecular organization on the uptake and metabolism of exogenous GM1 ganglioside by human fibroblasts. <i>Chemistry and Physics of Lipids</i> , <b>1990</b> , 55, 207-13	3.7	7
26	Extensive precursor-product relationship between gangliosides formed from exogenous glucosylceramide in rat liver. <i>FEBS Letters</i> , <b>1990</b> , 260, 23-6	3.8	3

25	Metabolism of exogenous gangliosides in cerebellar granule cells, differentiated in culture. <i>Journal of Neurochemistry</i> , <b>1989</b> , 53, 1567-74	6	33
24	Formation of ganglioside GD1b-lactone in rat brain from intracisternally administered GD1b. <i>Journal of Neurochemistry</i> , <b>1989</b> , 52, 1401-6	6	12
23	New trends in ganglioside chemistry. <i>Advances in Experimental Medicine and Biology</i> , <b>1988</b> , 228, 437-64	3.6	0
22	A radiometric assay for ganglioside sialidase applied to the determination of the enzyme subcellular location in cultured human fibroblasts. <i>Analytical Biochemistry</i> , <b>1986</b> , 153, 283-94	3.1	45
21	Association of gangliosides to fibroblasts in culture: A study performed with GM1 [ <sup>14</sup> C]-labelled at the sialic acid acetyl group. <i>Glycoconjugate Journal</i> , <b>1985</b> , 2, 279-291	3	57
20	Normal-phase high-performance liquid chromatographic separation of non-derivatized ganglioside mixtures. <i>Journal of Chromatography A</i> , <b>1985</b> , 348, 371-8	4.5	81
19	Radioiodinated ganglioside GM1: a potential tool for the investigation of ganglioside function in vivo. <i>Pharmacological Research Communications</i> , <b>1985</b> , 17, 897-912		6
18	Synthesis of GM1-Ganglioside Inner Ester. <i>Glycoconjugate Journal</i> , <b>1985</b> , 2, 343-354	3	32
17	Characterization of two molecular species GD3 ganglioside from bovine buttermilk. <i>Lipids and Lipid Metabolism</i> , <b>1985</b> , 833, 303-7		26
16	Promotion of neuritogenesis in mouse neuroblastoma cells by exogenous gangliosides. Relationship between the effect and the cell association of ganglioside GM1. <i>Journal of Neurochemistry</i> , <b>1984</b> , 42, 299-305	6	195
15	Separation of ganglioside molecular species, with homogeneous long-chain base composition, by reversed-phase thin-layer chromatography. <i>Journal of Chromatography A</i> , <b>1984</b> , 315, 395-400	4.5	10
14	Preparation of the tritiated molecular forms of gangliosides with homogeneous long chain base composition. <i>Glycoconjugate Journal</i> , <b>1984</b> , 1, 111-121	3	20
13	Nervous system ganglioside composition of normothermic and hibernating dormice ( <i>Glis glis</i> ). <i>Neurochemistry International</i> , <b>1984</b> , 6, 677-83	4.4	11
12	Changes in rabbit cerebrum and cerebellum gangliosides during postnatal life. A study especially referring to alkali labile gangliosides. <i>Neurochemistry International</i> , <b>1984</b> , 6, 191-7	4.4	12
11	Ganglioside pattern of normal human brain, from samples obtained at surgery. A study especially referred to alkali labile species. <i>Journal of Biochemistry</i> , <b>1984</b> , 96, 1943-6	3.1	19
10	Recognition by two-dimensional thin-layer chromatography and densitometric quantification of alkali-labile gangliosides from the brain of different animals. <i>Analytical Biochemistry</i> , <b>1983</b> , 128, 104-14	3.1	111
9	Kinetics of <i>Vibrio cholerae</i> sialidase action on gangliosidic substrates at different supramolecular-organizational levels. <i>Biochemical Journal</i> , <b>1982</b> , 203, 735-42	3.8	27
8	Galactose oxidase action on GM1 ganglioside in micellar and vesicular dispersions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1982</b> , 688, 333-40	3.8	22

7	Micellar Properties of Gangliosides <b>1982</b> , 573-594		3
6	Electron paramagnetic resonance studies on the fluidity and surface dynamics of egg phosphatidylcholine vesicles containing gangliosides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1981</b> , 647, 196-202	3.8	98
5	Changes in rabbit brain cytosolic and membrane-bound gangliosides during prenatal life. <i>Journal of Neurochemistry</i> , <b>1981</b> , 36, 227-32	6	54
4	Light Scattering Study of Ganglioside Micelles and Mixed Micelles with a Nonionic Amphiphile <b>1981</b> , 337-349		
3	Interaction of GM1 ganglioside with bovine serum albumin: formation and isolation of multiple complexes. <i>FEBS Journal</i> , <b>1980</b> , 111, 315-24		53
2	GM1 ganglioside-Triton X-100 mixed micelles. Transitions among different micellar species monitored by physicochemical and enzymatic methods. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1980</b> , 601, 282-8	3.8	7
1	Cytosolic gangliosides: occurrence in calf brain as ganglioside--protein complexes. <i>Journal of Neurochemistry</i> , <b>1979</b> , 33, 117-21	6	65