

# Mercedes Garcia-Gil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3038925/publications.pdf>

Version: 2024-02-01

33  
papers

834  
citations

516561

16  
h-index

501076

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sphingolipid metabolites in neural signalling and function. <i>Brain Research Reviews</i> , 2004, 46, 328-355.	9.1	101
2	Effect of 1 $\alpha$ ,25 $\text{-OH}_2$ dihydroxyvitamin D3 in embryonic hippocampal cells. <i>Hippocampus</i> , 2010, 20, 696-705.	0.9	69
3	Purine-Metabolising Enzymes and Apoptosis in Cancer. <i>Cancers</i> , 2019, 11, 1354.	1.7	54
4	The Inside Story of Adenosine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 784.	1.8	52
5	Cytosolic 5 $\text{-Nucleotidase}$ hyperactivity in erythrocytes of Lesch-Nyhan syndrome patients. <i>NeuroReport</i> , 2000, 11, 1827-1831.	0.6	50
6	Emerging Role of Purine Metabolizing Enzymes in Brain Function and Tumors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3598.	1.8	48
7	New signalling pathway involved in the anti-proliferative action of vitamin D3 and its analogues in human neuroblastoma cells. A role for ceramide kinase. <i>Neuropharmacology</i> , 2012, 63, 524-537.	2.0	42
8	Knockdown of cytosolic 5 $\text{-Nucleotidase II}$ (cN-II) reveals that its activity is essential for survival in astrocytoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1529-1535.	1.9	39
9	Cholesterol and Sphingolipid Enriched Lipid Rafts as Therapeutic Targets in Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 726.	1.8	39
10	Cell-specific pattern of berberine pleiotropic effects on different human cell lines. <i>Scientific Reports</i> , 2018, 8, 10599.	1.6	34
11	Nuclear sphingomyelin pathway in serum deprivation-induced apoptosis of embryonic hippocampal cells. <i>Journal of Cellular Physiology</i> , 2006, 206, 189-195.	2.0	33
12	Metabolic Aspects of Adenosine Functions in the Brain. <i>Frontiers in Pharmacology</i> , 2021, 12, 672182.	1.6	27
13	SARS-CoV-2 Infection: A Role for S1P/S1P Receptor Signaling in the Nervous System?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6773.	1.8	24
14	Nuclear Lipids in the Nervous System: What they do in Health and Disease. <i>Neurochemical Research</i> , 2017, 42, 321-336.	1.6	21
15	Neutral Sphingomyelinase Behaviour in Hippocampus Neuroinflammation of MPTP-Induced Mouse Model of Parkinson's Disease and in Embryonic Hippocampal Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-8.	1.4	19
16	Dolichol-phosphate mannose synthase depletion in zebrafish leads to dystrophic muscle with hypoglycosylated $\alpha$ -dystroglycan. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 137-143.	1.0	17
17	Vitamin D 3 protects against A $\beta$ peptide cytotoxicity in differentiated human neuroblastoma SH-SY5Y cells: A role for S1P1/p38MAPK/ATF4 axis. <i>Neuropharmacology</i> , 2017, 116, 328-342.	2.0	16
18	Effect of Vitamin D in HN9.10e Embryonic Hippocampal Cells and in Hippocampus from MPTP-Induced Parkinson's Disease Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 31.	1.8	16

#	ARTICLE	IF	CITATIONS
19	S1P/S1P Receptor Signaling in Neuromuscular Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6364.	1.8	16
20	Novel metabolic aspects related to adenosine deaminase inhibition in a human astrocytoma cell line. <i>Neurochemistry International</i> , 2012, 60, 523-532.	1.9	15
21	Cytosolic 5â€²-Nucleotidase II Silencing in a Human Lung Carcinoma Cell Line Opposes Cancer Phenotype with a Concomitant Increase in p53 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2115.	1.8	13
22	Nuclear Lipid Microdomain as Resting Place of Dexamethasone to Impair Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19832-19846.	1.8	12
23	Crosstalk between sphingolipids and vitamin D3: potential role in the nervous system. <i>British Journal of Pharmacology</i> , 2017, 174, 605-627.	2.7	11
24	Serum deprivation alters lipid profile in HN9.10e embryonic hippocampal cells. <i>Neuroscience Letters</i> , 2015, 589, 83-87.	1.0	9
25	The combination of adenosine deaminase inhibition and deoxyadenosine induces apoptosis in a human astrocytoma cell line. <i>Neurochemistry International</i> , 2015, 80, 14-22.	1.9	9
26	Protopine/Gemcitabine Combination Induces Cytotoxic or Cytoprotective Effects in Cell Type-Specific and Dose-Dependent Manner on Human Cancer and Normal Cells. <i>Pharmaceuticals</i> , 2021, 14, 90.	1.7	7
27	Vitamin D3 Enriches Ceramide Content in Exosomes Released by Embryonic Hippocampal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9287.	1.8	7
28	Encapsulation of Alpha-Lipoic Acid in Functional Hybrid Liposomes: Promising Tool for the Reduction of Cisplatin-Induced Ototoxicity. <i>Pharmaceuticals</i> , 2022, 15, 394.	1.7	7
29	Skeletal Muscle and COVID-19: The Potential Involvement of Bioactive Sphingolipids. <i>Biomedicines</i> , 2022, 10, 1068.	1.4	7
30	Cytosolic 5â€²-Nucleotidase II Is a Sensor of Energy Charge and Oxidative Stress: A Possible Function as Metabolic Regulator. <i>Cells</i> , 2021, 10, 182.	1.8	6
31	Evidence for a Cross-Talk Between Cytosolic 5â€²-Nucleotidases and AMP-Activated Protein Kinase. <i>Frontiers in Pharmacology</i> , 2020, 11, 609849.	1.6	6
32	Mitochondrial Damage and Apoptosis Induced by Adenosine Deaminase Inhibition and Deoxyadenosine in Human Neuroblastoma Cell Lines. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1671-1679.	1.2	4
33	Cytosolic 5â€²-Nucleotidase II Silencing in Lung Tumor Cells Regulates Metabolism through Activation of the p53/AMPK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7004.	1.8	4