

# Giuseppina Maccarrone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10819110/publications.pdf>

Version: 2024-02-01

45  
papers

2,333  
citations

218677

26  
h-index

233421

45  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress-primed secretory autophagy promotes extracellular BDNF maturation by enhancing MMP9 secretion. <i>Nature Communications</i> , 2021, 12, 4643.	12.8	50
2	Multi-omics analysis identifies mitochondrial pathways associated with anxiety-related behavior. <i>PLoS Genetics</i> , 2019, 15, e1008358.	3.5	43
3	FKBP5 Gene Expression Predicts Antidepressant Treatment Outcome in Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 485.	4.1	40
4	Ketamine's Effects on the Glutamatergic and GABAergic Systems: A Proteomics and Metabolomics Study in Mice. <i>Molecular Neuropsychiatry</i> , 2019, 5, 42-51.	2.9	15
5	Tau Deletion Prevents Stress-Induced Dendritic Atrophy in Prefrontal Cortex: Role of Synaptic Mitochondria. <i>Cerebral Cortex</i> , 2017, 27, bhw057.	2.9	49
6	MALDI imaging mass spectrometry analysis: A new approach for protein mapping in multiple sclerosis brain lesions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1047, 131-140.	2.3	26
7	Using <sup>15</sup> N-Metabolic Labeling for Quantitative Proteomic Analyses. <i>Methods in Molecular Biology</i> , 2017, 1546, 235-243.	0.9	4
8	Characterization of a Protein Interactome by Co-Immunoprecipitation and Shotgun Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1546, 223-234.	0.9	17
9	Ketamine's antidepressant effect is mediated by energy metabolism and antioxidant defense system. <i>Scientific Reports</i> , 2017, 7, 15788.	3.3	54
10	Different cAMP sources are critically involved in G protein-coupled receptor CRHR1 signaling. <i>Journal of Cell Biology</i> , 2016, 214, 181-195.	5.2	61
11	Stable isotope metabolic labeling suggests differential turnover of the DPYSL protein family. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1269-1272.	1.6	8
12	Variability assessment of <sup>15</sup> N metabolic labeling-based proteomics workflow in mouse plasma and brain. <i>Molecular BioSystems</i> , 2015, 11, 1536-1542.	2.9	6
13	Neddylation inhibition impairs spine development, destabilizes synapses and deteriorates cognition. <i>Nature Neuroscience</i> , 2015, 18, 239-251.	14.8	88
14	Protein Profiling and Phosphoprotein Analysis by Isoelectric Focusing. <i>Methods in Molecular Biology</i> , 2015, 1295, 293-303.	0.9	2
15	Blood Mononuclear Cell Proteome Suggests Integrin and Ras Signaling as Critical Pathways for Antidepressant Treatment Response. <i>Biological Psychiatry</i> , 2014, 76, e15-e17.	1.3	22
16	Brain Quantitative Proteomics Combining GeLC-MS and Isotope-Coded Protein Labeling (ICPL). <i>Methods in Molecular Biology</i> , 2014, 1156, 175-185.	0.9	12
17	Proteomic and metabolomic profiling reveals time-dependent changes in hippocampal metabolism upon paroxetine treatment and biomarker candidates. <i>Journal of Psychiatric Research</i> , 2013, 47, 289-298.	3.1	44
18	Psychiatric patient stratification using biosignatures based on cerebrospinal fluid protein expression clusters. <i>Journal of Psychiatric Research</i> , 2013, 47, 1572-1580.	3.1	57

#	ARTICLE	IF	CITATIONS
19	<sup>15</sup> N metabolic labeling: Evidence for a stable isotope effect on plasma protein levels and peptide chromatographic retention times. <i>Journal of Proteomics</i> , 2013, 88, 27-33.	2.4	11
20	B-Raf and CRHR1 Internalization Mediate Biphasic ERK1/2 Activation by CRH in Hippocampal HT22 Cells. <i>Molecular Endocrinology</i> , 2013, 27, 491-510.	3.7	27
21	Proteome profiling of peripheral mononuclear cells from human blood. <i>Proteomics</i> , 2013, 13, 893-897.	2.2	16
22	Cerebrospinal Fluid Biomarkers for Major Depression Confirm Relevance of Associated Pathophysiology. <i>Neuropsychopharmacology</i> , 2012, 37, 1013-1025.	5.4	82
23	MALDI imaging mass spectrometry reveals COX7A2, TAGLN2 and S100-A10 as novel prognostic markers in Barrett's adenocarcinoma. <i>Journal of Proteomics</i> , 2012, 75, 4693-4704.	2.4	90
24	The <sup>15</sup> N isotope effect in <i>Escherichia coli</i> : A neutron can make the difference. <i>Proteomics</i> , 2012, 12, 3121-3128.	2.2	27
25	The <sup>15</sup> N isotope effect as a means for correlating phenotypic alterations and affected pathways in a trait anxiety mouse model. <i>Proteomics</i> , 2012, 12, 2421-2427.	2.2	14
26	Proteomics and Metabolomics Analysis of a Trait Anxiety Mouse Model Reveals Divergent Mitochondrial Pathways. <i>Biological Psychiatry</i> , 2011, 70, 1074-1082.	1.3	123
27	MALDI Imaging Identifies Prognostic Seven-Protein Signature of Novel Tissue Markers in Intestinal-Type Gastric Cancer. <i>American Journal of Pathology</i> , 2011, 179, 2720-2729.	3.8	127
28	Proteomic and Metabolomic Profiling of a Trait Anxiety Mouse Model Implicate Affected Pathways. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.008110.	3.8	68
29	Shotgun Mass Spectrometry Workflow Combining IEF and LC-MALDI-TOF/TOF. <i>Protein Journal</i> , 2010, 29, 99-102.	1.6	27
30	Proteome analysis of the thalamus and cerebrospinal fluid reveals glycolysis dysfunction and potential biomarkers candidates for schizophrenia. <i>Journal of Psychiatric Research</i> , 2010, 44, 1176-1189.	3.1	158
31	Profiling of mouse synaptosome proteome and phosphoproteome by IEF. <i>Electrophoresis</i> , 2010, 31, 1294-1301.	2.4	60
32	Methylglyoxal-mediated anxiolysis involves increased protein modification and elevated expression of glyoxalase 1 in the brain. <i>Journal of Neurochemistry</i> , 2010, 113, 1240-1251.	3.9	45
33	Proteome analysis of schizophrenia brain tissue. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 110-120.	2.6	82
34	Stable Isotope Metabolic Labeling with a Novel <sup>15</sup> N-Enriched Bacteria Diet for Improved Proteomic Analyses of Mouse Models for Psychopathologies. <i>PLoS ONE</i> , 2009, 4, e7821.	2.5	59
35	Proteomic analysis of dorsolateral prefrontal cortex indicates the involvement of cytoskeleton, oligodendrocyte, energy metabolism and new potential markers in schizophrenia. <i>Journal of Psychiatric Research</i> , 2009, 43, 978-986.	3.1	165
36	Shotgun mass spectrometry analysis of the human thalamus proteome. <i>Journal of Separation Science</i> , 2009, 32, 1231-1236.	2.5	21

#	ARTICLE	IF	CITATIONS
37	Alterations in oligodendrocyte proteins, calcium homeostasis and new potential markers in schizophrenia anterior temporal lobe are revealed by shotgun proteome analysis. <i>Journal of Neural Transmission</i> , 2009, 116, 275-289.	2.8	137
38	Prefrontal cortex shotgun proteome analysis reveals altered calcium homeostasis and immune system imbalance in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 151-163.	3.2	180
39	A MS data search method for improved <sup>15</sup> N-labeled protein identification. <i>Proteomics</i> , 2009, 9, 4265-4270.	2.2	21
40	Regulation of proteins mediating neurodegeneration in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1273-1287.	1.6	25
41	QuantiSpec â€” Quantitative mass spectrometry data analysis of 15N-metabolically labeled proteins. <i>Journal of Proteomics</i> , 2009, 71, 601-608.	2.4	28
42	Phosphopeptide enrichment by IEF. <i>Electrophoresis</i> , 2006, 27, 4585-4595.	2.4	19
43	The quest for brain disorder biomarkers. <i>Journal of Medical Investigation</i> , 2005, 52, 231-235.	0.5	21
44	In-depth analysis of the human CSF proteome using protein prefractionation. <i>Clinical Proteomics</i> , 2004, 1, 333-364.	2.1	14
45	Mining the human cerebrospinal fluid proteome by immunodepletion and shotgun mass spectrometry. <i>Electrophoresis</i> , 2004, 25, 2402-2412.	2.4	88