

# Giuseppe Caruso

## List of Publications by Citations

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**Version:** 2024-04-26

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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.

67

papers

1,291

citations

23

h-index

32

g-index

74

ext. papers

1,965

ext. citations

5.8

avg, IF

4.73

L-index

#	Paper	IF	Citations
67	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 456	8.4	87
66	Neurobiological links between depression and AD: The role of TGF- $\beta$ signaling as a new pharmacological target. <i>Pharmacological Research</i> , <b>2018</b> , 130, 374-384	10.2	83
65	Early discharge after transfemoral transcatheter aortic valve implantation. <i>Heart</i> , <b>2015</b> , 101, 1485-90	5.1	66
64	Carnosine Prevents A $\beta$ -Induced Oxidative Stress and Inflammation in Microglial Cells: A Key Role of TGF- $\beta$ . <i>Cells</i> , <b>2019</b> , 8,	7.9	47
63	Carnosine modulates nitric oxide in stimulated murine RAW 264.7 macrophages. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 431, 197-210	4.2	40
62	Non-toxic engineered carbon nanodiamond concentrations induce oxidative/nitrosative stress, imbalance of energy metabolism, and mitochondrial dysfunction in microglial and alveolar basal epithelial cells. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 245	9.8	40
61	The role of copper(II) in the aggregation of human amylin. <i>Metallomics</i> , <b>2014</b> , 6, 1841-52	4.5	40
60	Structure-Based Design of Human TLR8-Specific Agonists with Augmented Potency and Adjuvanticity. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 7833-49	8.3	37
59	An integrated microfluidic device for monitoring changes in nitric oxide production in single T-lymphocyte (Jurkat) cells. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 10188-95	7.8	37
58	Pivotal role of carnosine in the modulation of brain cells activity: Multimodal mechanism of action and therapeutic potential in neurodegenerative disorders. <i>Progress in Neurobiology</i> , <b>2019</b> , 175, 35-53	10.9	37
57	Fluoxetine and Vortioxetine Reverse Depressive-Like Phenotype and Memory Deficits Induced by A $\beta$ Oligomers in Mice: A Key Role of Transforming Growth Factor- $\beta$ . <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 693	5.6	33
56	Identification of Adjuvantic Activity of Amphotericin B in a Novel, Multiplexed, Poly-TLR/NLR High-Throughput Screen. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149848	3.7	33
55	Carnosine Decreases PMA-Induced Oxidative Stress and Inflammation in Murine Macrophages. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	30
54	Modulation of Pro-Oxidant and Pro-Inflammatory Activities of M1 Macrophages by the Natural Dipeptide Carnosine. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	29
53	Identification of a Human Toll-Like Receptor (TLR) 8-Specific Agonist and a Functional Pan-TLR Inhibitor in 2-Aminoimidazoles. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 3311-30	8.3	28
52	Receptor-mediated toxicity of human amylin fragment aggregated by short- and long-term incubations with copper ions. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 425, 85-93	4.2	28
51	Antioxidant Therapies in Traumatic Brain Injury. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	28

50	Monitoring carnosine uptake by RAW 264.7 macrophage cells using microchip electrophoresis with fluorescence detection. <i>Analytical Methods</i> , <b>2017</b> , 9, 402-408	3.2	27
49	Monitoring intracellular nitric oxide production using microchip electrophoresis and laser-induced fluorescence detection. <i>Analytical Methods</i> , <b>2012</b> , 4, 414	3.2	27
48	Microchip electrophoresis with laser-induced fluorescence detection for the determination of the ratio of nitric oxide to superoxide production in macrophages during inflammation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4529-4538	4.4	25
47	Microchip electrophoresis with amperometric detection method for profiling cellular nitrosative stress markers. <i>Analyst, The</i> , <b>2014</b> , 139, 3265-73	5	24
46	Inflammation as the Common Biological Link Between Depression and Cardiovascular Diseases: Can Carnosine Exert a Protective Role?. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 1782-1800	4.3	24
45	Water- and Fat-Soluble Antioxidants in Human Seminal Plasma and Serum of Fertile Males. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	23
44	Indirect detection of superoxide in RAW 264.7 macrophage cells using microchip electrophoresis coupled to laser-induced fluorescence. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 7003-12	4.4	23
43	Low-molecular weight compounds in human seminal plasma as potential biomarkers of male infertility. <i>Human Reproduction</i> , <b>2018</b> , 33, 1817-1828	5.7	22
42	Thymoquinone-Loaded Soy-Phospholipid-Based Phytosomes Exhibit Anticancer Potential against Human Lung Cancer Cells. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	21
41	A New Human Blood-Retinal Barrier Model Based on Endothelial Cells, Pericytes, and Astrocytes. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	20
40	Polyphenols and neuroprotection: Therapeutic implications for cognitive decline. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 108013	13.9	20
39	Åmyloid and Oxidative Stress: Perspectives in Drug Development. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 4771-4781	3.3	19
38	The Many Faces of Mitochondrial Dysfunction in Depression: From Pathology to Treatment. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 995	5.6	18
37	The Therapeutic Potential of Carnosine/Anserine Supplementation against Cognitive Decline: A Systematic Review with Meta-Analysis. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	18
36	Chitosan-Based Microparticles Enhance Ellagic Acid's Colon Targeting and Proapoptotic Activity. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	17
35	Phenolic Acids and Prevention of Cognitive Decline: Polyphenols with a Neuroprotective Role in Cognitive Disorders and Alzheimer's Disease.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	17
34	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	16
33	Rescue of Noradrenergic System as a Novel Pharmacological Strategy in the Treatment of Chronic Pain: Focus on Microglia Activation. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1024	5.6	15

32	Optimization of a microchip electrophoresis method with electrochemical detection for the determination of nitrite in macrophage cells as an indicator of nitric oxide production. <i>Analytical Methods</i> , <b>2019</b> , 11, 148-156	3.2	13
31	Microfluidics as a Novel Tool for Biological and Toxicological Assays in Drug Discovery Processes: Focus on Microchip Electrophoresis. <i>Micromachines</i> , <b>2020</b> , 11,	3.3	11
30	The Enhanced Cytotoxic and Pro-Apoptotic Effects of Optimized Simvastatin-Loaded Emulsomes on MCF-7 Breast Cancer Cells. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	11
29	The Encapsulation of Febuxostat into Emulsomes Strongly Enhances the Cytotoxic Potential of the Drug on HCT 116 Colon Cancer Cells. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	11
28	Antioxidant Properties of Second-Generation Antipsychotics: Focus on Microglia. <i>Pharmaceutics</i> , <b>2020</b> , 13,	5.2	10
27	Dihydrotanshinone, a Natural Diterpenoid, Preserves Blood-Retinal Barrier Integrity via P2X7 Receptor. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
26	New antipsychotic drugs for the treatment of agitation and psychosis in Alzheimer's disease: focus on brexpiprazole and pimavanserin. <i>F1000Research</i> , <b>2020</b> , 9,	3.6	10
25	Carnosine Protects Macrophages against the Toxicity of A $\beta$ -42 Oligomers by Decreasing Oxidative Stress. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	10
24	Association between Time Restricted Feeding and Cognitive Status in Older Italian Adults. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	10
23	Cytotoxic and Pro-Apoptotic Effects of a Sub-Toxic Concentration of Fluvastatin on OVCAR3 Ovarian Cancer Cells After its Optimized Formulation to Melittin Nano-Conjugates. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 642171	5.6	9
22	Sub-Toxic Human Amylin Fragment Concentrations Promote the Survival and Proliferation of SH-SY5Y Cells via the Release of VEGF and HspB5 from Endothelial RBE4 Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	9
21	Antidepressant Drugs and Physical Activity: A Possible Synergism in the Treatment of Major Depression?. <i>Frontiers in Psychology</i> , <b>2020</b> , 11, 857	3.4	8
20	Improving Cognition with Nutraceuticals Targeting TGF- $\beta$ Signaling. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	8
19	Feasibility and predictors of early discharge after percutaneous edge-to-edge mitral valve repair. <i>Heart</i> , <b>2017</b> , 103, 931-936	5.1	6
18	Uncharacterized RNAs in Plasma of Alzheimer's Patients Are Associated with Cognitive Impairment and Show a Potential Diagnostic Power. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
17	Different Modulatory Effects of Four Methicillin-Resistant Clones on MG-63 Osteoblast-Like Cells. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	6
16	The Role of Dielectrophoresis for Cancer Diagnosis and Prognosis.. <i>Cancers</i> , <b>2021</b> , 14,	6.6	6
15	The Multimodal MOPr/DOPr Agonist LP2 Reduces Allodynia in Chronic Constriction Injured Rats by Rescue of TGF- $\beta$ Signalling. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 749365	5.6	5

14	Antioxidant Activity of Fluoxetine and Vortioxetine in a Non-Transgenic Animal Model of Alzheimer's Disease.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 809541	5.6	4
13	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	4
12	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	4
11	Piceatannol-Loaded Bilosome-Stabilized Zein Protein Exhibits Enhanced Cytostatic and Apoptotic Activities in Lung Cancer Cells. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	4
10	Fructose-1,6-Bisphosphate Protects Hippocampal Rat Slices from NMDA Excitotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
9	Melittin and diclofenac synergistically promote wound healing in a pathway involving TGF- $\beta$ . <i>Pharmacological Research</i> , <b>2021</b> , 175, 105993	10.2	3
8	$\beta$ Secretase1 biological markers for Alzheimer's disease: state-of-art of validation and qualification. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 130	9	2
7	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	2
6	Unveiling the Hidden Therapeutic Potential of Carnosine, a Molecule with a Multimodal Mechanism of Action: A Position Paper. <i>Molecules</i> , <b>2022</b> , 27, 3303	4.8	2
5	Staphylococcus aureus ST228 and ST239 as models for expression studies of diverse markers during osteoblast infection and persistence. <i>MicrobiologyOpen</i> , <b>2021</b> , 10, e1178	3.4	1
4	Oncological Response and Predictive Biomarkers for the Checkpoint Inhibitors in Castration-Resistant Metastatic Prostate Cancer: A Systematic Review and Meta-Analysis.. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 12,	3.6	1
3	Adverse Events and Tolerability of Combined Durvalumab and Tremelimumab versus Durvalumab Alone in Solid Cancers: A Systematic Review and Meta-Analysis. <i>Biomedicines</i> , <b>2022</b> , 10, 1101	4.8	0
2	Fluoxetine Ecofriendly Nanoemulsion Enhances Wound Healing in Diabetic Rats: In Vivo Efficacy Assessment. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1133	6.4	0
1	Dietary Phytoestrogen Intake and Cognitive Status in Southern Italian Older Adults. <i>Biomolecules</i> , <b>2022</b> , 12, 760	5.9	0