

# Giuseppe Caruso

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,553  
citations

159585

30  
h-index

233421

45  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2728  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyphenols and neuroprotection: Therapeutic implications for cognitive decline. , 2022, 232, 108013.		71
2	Melittin and diclofenac synergistically promote wound healing in a pathway involving TGF- $\beta$ 1. Pharmacological Research, 2022, 175, 105993.	7.1	20
3	How Does Contraceptive Use Affect Women's Sexuality? A Novel Look at Sexual Acceptability. Journal of Clinical Medicine, 2022, 11, 810.	2.4	14
4	Phenolic Acids and Prevention of Cognitive Decline: Polyphenols with a Neuroprotective Role in Cognitive Disorders and Alzheimer's Disease. Nutrients, 2022, 14, 819.	4.1	82
5	Oncological Response and Predictive Biomarkers for the Checkpoint Inhibitors in Castration-Resistant Metastatic Prostate Cancer: A Systematic Review and Meta-Analysis. Journal of Personalized Medicine, 2022, 12, 8.	2.5	10
6	The Role of Dielectrophoresis for Cancer Diagnosis and Prognosis. Cancers, 2022, 14, 198.	3.7	33
7	Neuroprotective Effect of Carnosine Is Mediated by Insulin-Degrading Enzyme. ACS Chemical Neuroscience, 2022, , .	3.5	13
8	Adverse Events and Tolerability of Combined Durvalumab and Tremelimumab versus Durvalumab Alone in Solid Cancers: A Systematic Review and Meta-Analysis. Biomedicines, 2022, 10, 1101.	3.2	3
9	Unveiling the Hidden Therapeutic Potential of Carnosine, a Molecule with a Multimodal Mechanism of Action: A Position Paper. Molecules, 2022, 27, 3303.	3.8	14
10	Dietary Phytoestrogen Intake and Cognitive Status in Southern Italian Older Adults. Biomolecules, 2022, 12, 760.	4.0	7
11	The Therapeutic Potential of Carnosine as an Antidote against Drug-Induced Cardiotoxicity and Neurotoxicity: Focus on Nrf2 Pathway. Molecules, 2022, 27, 4452.	3.8	19
12	Different Modulatory Effects of Four Methicillin-Resistant Staphylococcus aureus Clones on MG-63 Osteoblast-Like Cells. Biomolecules, 2021, 11, 72.	4.0	12
13	Association between Time Restricted Feeding and Cognitive Status in Older Italian Adults. Nutrients, 2021, 13, 191.	4.1	32
14	Evaluation of the Antiviral Activity of Sitagliptin-Glatiramer Acetate Nano-Conjugates against SARS-CoV-2 Virus. Pharmaceuticals, 2021, 14, 178.	3.8	14
15	Lung Surfactant Decreases Biochemical Alterations and Oxidative Stress Induced by a Sub-Toxic Concentration of Carbon Nanoparticles in Alveolar Epithelial and Microglial Cells. International Journal of Molecular Sciences, 2021, 22, 2694.	4.1	3
16	The Therapeutic Potential of Carnosine/Anserine Supplementation against Cognitive Decline: A Systematic Review with Meta-Analysis. Biomedicines, 2021, 9, 253.	3.2	39
17	Staphylococcus aureus ST228 and ST239 as models for expression studies of diverse markers during osteoblast infection and persistence. MicrobiologyOpen, 2021, 10, e1178.	3.0	6
18	Piceatannol-Loaded Bilosome-Stabilized Zein Protein Exhibits Enhanced Cytostatic and Apoptotic Activities in Lung Cancer Cells. Pharmaceutics, 2021, 13, 638.	4.5	11

#	ARTICLE	IF	CITATIONS
19	Carnosine Protects Macrophages against the Toxicity of A $\beta$ 1-42 Oligomers by Decreasing Oxidative Stress. <i>Biomedicines</i> , 2021, 9, 477.	3.2	27
20	Improving Cognition with Nutraceuticals Targeting TGF- $\beta$ 1 Signaling. <i>Antioxidants</i> , 2021, 10, 1075.	5.1	19
21	Altered Follicular Fluid Metabolic Pattern Correlates with Female Infertility and Outcome Measures of In Vitro Fertilization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8735.	4.1	14
22	The Multimodal MOPr/DOPr Agonist LP2 Reduces Allodynia in Chronic Constriction Injured Rats by Rescue of TGF- $\beta$ 1 Signalling. <i>Frontiers in Pharmacology</i> , 2021, 12, 749365.	3.5	11
23	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021, 13, 1622.	4.5	17
24	Updates on Molecular and Biochemical Development and Progression of Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 5127.	2.4	7
25	Antioxidant Activity of Fluoxetine and Vortioxetine in a Non-Transgenic Animal Model of Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2021, 12, 809541.	3.5	22
26	Development of an Icaria-Loaded Bilosome-Melittin Formulation with Improved Anticancer Activity against Cancerous Pancreatic Cells. <i>Pharmaceutics</i> , 2021, 14, 1309.	3.8	2
27	$\beta$ -Secretase1 biological markers for Alzheimer's disease: state-of-art of validation and qualification. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 130.	6.2	16
28	The Encapsulation of Febuxostat into Emulsomes Strongly Enhances the Cytotoxic Potential of the Drug on HCT 116 Colon Cancer Cells. <i>Pharmaceutics</i> , 2020, 12, 956.	4.5	23
29	Antioxidant Properties of Second-Generation Antipsychotics: Focus on Microglia. <i>Pharmaceutics</i> , 2020, 13, 457.	3.8	33
30	Dihydrotanshinone, a Natural Diterpenoid, Preserves Blood-Retinal Barrier Integrity via P2X7 Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9305.	4.1	17
31	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> , 2020, 21, 7644.	4.1	7
32	Antidepressant Drugs and Physical Activity: A Possible Synergism in the Treatment of Major Depression?. <i>Frontiers in Psychology</i> , 2020, 11, 857.	2.1	30
33	Microfluidics as a Novel Tool for Biological and Toxicological Assays in Drug Discovery Processes: Focus on Microchip Electrophoresis. <i>Micromachines</i> , 2020, 11, 593.	2.9	22
34	A New Human Blood-Retinal Barrier Model Based on Endothelial Cells, Pericytes, and Astrocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1636.	4.1	54
35	Modulation of Pro-Oxidant and Pro-Inflammatory Activities of M1 Macrophages by the Natural Dipeptide Carnosine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 776.	4.1	77
36	Chitosan Coated Microparticles Enhance Simvastatin Colon Targeting and Pro-Apoptotic Activity. <i>Marine Drugs</i> , 2020, 18, 226.	4.6	29

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37	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.	4.8	201
38	Antioxidant Therapies in Traumatic Brain Injury. <i>Antioxidants</i> , 2020, 9, 260.	5.1	65
39	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> , 2020, 11, 642171.	3.5	19
40	New antipsychotic drugs for the treatment of agitation and psychosis in Alzheimer's disease: focus on brexpiprazole and pimavanserin. <i>Frontiers in Pharmacology</i> , 2020, 9, 686.	1.6	16
41	Inflammation as the Common Biological Link Between Depression and Cardiovascular Diseases: Can Carnosine Exert a Protective Role?. <i>Current Medicinal Chemistry</i> , 2020, 27, 1782-1800.	2.4	46
42	$\beta$ -amyloid and Oxidative Stress: Perspectives in Drug Development. <i>Current Pharmaceutical Design</i> , 2020, 25, 4771-4781.	1.9	37
43	Carnosine Decreases PMA-Induced Oxidative Stress and Inflammation in Murine Macrophages. <i>Antioxidants</i> , 2019, 8, 281.	5.1	56
44	Fluoxetine and Vortioxetine Reverse Depressive-Like Phenotype and Memory Deficits Induced by $A\beta$ 1-42 Oligomers in Mice: A Key Role of Transforming Growth Factor- $\beta$ 1. <i>Frontiers in Pharmacology</i> , 2019, 10, 693.	3.5	60
45	The Many Faces of Mitochondrial Dysfunction in Depression: From Pathology to Treatment. <i>Frontiers in Pharmacology</i> , 2019, 10, 995.	3.5	39
46	Rescue of Noradrenergic System as a Novel Pharmacological Strategy in the Treatment of Chronic Pain: Focus on Microglia Activation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1024.	3.5	28
47	Carnosine Prevents $A\beta$ -Induced Oxidative Stress and Inflammation in Microglial Cells: A Key Role of TGF- $\beta$ 1. <i>Cells</i> , 2019, 8, 64.	4.1	87
48	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> , 2019, 11, 148-156.	2.7	18
49	Fructose-1,6-Bisphosphate Protects Hippocampal Rat Slices from NMDA Excitotoxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2239.	4.1	6
50	Water- and Fat-Soluble Antioxidants in Human Seminal Plasma and Serum of Fertile Males. <i>Antioxidants</i> , 2019, 8, 96.	5.1	43
51	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> , 2019, 175, 35-53.	5.7	72
52	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> , 2018, 9, 245.	6.3	61
53	Neurobiological links between depression and AD: The role of TGF- $\beta$ 1 signaling as a new pharmacological target. <i>Pharmacological Research</i> , 2018, 130, 374-384.	7.1	126
54	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> , 2018, 19, 3659.	4.1	13

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55	Low-molecular weight compounds in human seminal plasma as potential biomarkers of male infertility. <i>Human Reproduction</i> , 2018, 33, 1817-1828.	0.9	36
56	Feasibility and predictors of early discharge after percutaneous edge-to-edge mitral valve repair. <i>Heart</i> , 2017, 103, 931-936.	2.9	7
57	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> , 2017, 409, 4529-4538.	3.7	35
58	Carnosine modulates nitric oxide in stimulated murine RAW 264.7 macrophages. <i>Molecular and Cellular Biochemistry</i> , 2017, 431, 197-210.	3.1	61
59	Monitoring carnosine uptake by RAW 264.7 macrophage cells using microchip electrophoresis with fluorescence detection. <i>Analytical Methods</i> , 2017, 9, 402-408.	2.7	42
60	Receptor-mediated toxicity of human amylin fragment aggregated by short- and long-term incubations with copper ions. <i>Molecular and Cellular Biochemistry</i> , 2017, 425, 85-93.	3.1	35
61	Identification of Adjuvant Activity of Amphotericin B in a Novel, Multiplexed, Poly-TLR/NLR High-Throughput Screen. <i>PLoS ONE</i> , 2016, 11, e0149848.	2.5	44
62	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> , 2016, 59, 3311-3330.	6.4	33
63	Early discharge after transfemoral transcatheter aortic valve implantation. <i>Heart</i> , 2015, 101, 1485-1490.	2.9	80
64	Indirect detection of superoxide in RAW 264.7 macrophage cells using microchip electrophoresis coupled to laser-induced fluorescence. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7003-7012.	3.7	33
65	Structure-Based Design of Human TLR8-Specific Agonists with Augmented Potency and Adjuvanticity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7833-7849.	6.4	39
66	Microchip electrophoresis with amperometric detection method for profiling cellular nitrosative stress markers. <i>Analyst</i> , 2014, 139, 3265-3273.	3.5	29
67	The role of copper(II) in the aggregation of human amylin. <i>Metallomics</i> , 2014, 6, 1841-1852.	2.4	51
68	An Integrated Microfluidic Device for Monitoring Changes in Nitric Oxide Production in Single T-Lymphocyte (Jurkat) Cells. <i>Analytical Chemistry</i> , 2013, 85, 10188-10195.	6.5	42
69	Monitoring intracellular nitric oxide production using microchip electrophoresis and laser-induced fluorescence detection. <i>Analytical Methods</i> , 2012, 4, 414.	2.7	36