

Rosalba Siracusa

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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.

108 papers	2,235 citations	30 h-index	39 g-index
120 ext. papers	3,407 ext. citations	5.4 avg, IF	5.34 L-index

#	Paper	IF	Citations
108	Astrocytes: Role and Functions in Brain Pathologies. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1114	5.6	85
107	Micronized/ultramicronized palmitoylethanolamide displays superior oral efficacy compared to nonmicronized palmitoylethanolamide in a rat model of inflammatory pain. <i>Journal of Neuroinflammation</i> , 2014 , 11, 136	10.1	74
106	Focus on the Role of NLRP3 Inflammasome in Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	69
105	Anti-inflammatory and Anti-oxidant Activity of Hidrox in Rotenone-Induced Parkinson's Disease in Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	60
104	Protective effect of polyphenols in an inflammatory process associated with experimental pulmonary fibrosis in mice. <i>British Journal of Nutrition</i> , 2015 , 114, 853-65	3.6	59
103	Neuroprotection by association of palmitoylethanolamide with luteolin in experimental Alzheimer's disease models: the control of neuroinflammation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1530-41	2.6	58
102	Neuroprotective Effects of Co-UltraPEALut on Secondary Inflammatory Process and Autophagy Involved in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016 , 33, 132-46	5.4	50
101	Redox modulation of cellular stress response and lipoxin A4 expression by Coriolus versicolor in rat brain: Relevance to Alzheimer's disease pathogenesis. <i>NeuroToxicology</i> , 2016 , 53, 350-358	4.4	50
100	The neuroprotective effects of micronized PEA (PEA-m) formulation on diabetic peripheral neuropathy in mice. <i>FASEB Journal</i> , 2019 , 33, 11364-11380	0.9	45
99	The Antioxidant and Anti-Inflammatory Properties of L. Cashew Nuts in a Mouse Model of Colitis. <i>Nutrients</i> , 2020 , 12,	6.7	44
98	Oral Ultramicronized Palmitoylethanolamide: Plasma and Tissue Levels and Spinal Anti-hyperalgesic Effect. <i>Frontiers in Pharmacology</i> , 2018 , 9, 249	5.6	42
97	Neuroprotective Effect of Artesunate in Experimental Model of Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018 , 9, 590	4.1	42
96	Beneficial Effects of Co-Ultramicronized Palmitoylethanolamide/Luteolin in a Mouse Model of Autism and in a Case Report of Autism. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 87-98	6.8	42
95	Redox modulation of cellular stress response and lipoxin A4 expression by Hericium Erinaceus in rat brain: relevance to Alzheimer's disease pathogenesis. <i>Immunity and Ageing</i> , 2016 , 13, 23	9.7	41
94	TLR4 absence reduces neuroinflammation and inflammasome activation in Parkinson's diseases in vivo model. <i>Brain, Behavior, and Immunity</i> , 2019 , 76, 236-247	16.6	41
93	Effects of a co-micronized composite containing palmitoylethanolamide and polydatin in an experimental model of benign prostatic hyperplasia. <i>Toxicology and Applied Pharmacology</i> , 2017 , 329, 231-240	4.6	39
92	-Palmitoylethanolamide-Oxazoline Protects against Middle Cerebral Artery Occlusion Injury in Diabetic Rats by Regulating the SIRT1 Pathway. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	39

91	2-Pentadecyl-2-Oxazoline, the Oxazoline of Pea, Modulates Carrageenan-Induced Acute Inflammation. <i>Frontiers in Pharmacology</i> , 2017 , 8, 308	5.6	38
90	The Anti-Inflammatory and Antioxidant Potential of Pistachios (<i>Pistacia vera</i> L.) In Vitro and In Vivo. <i>Nutrients</i> , 2017 , 9,	6.7	38
89	Effect of PEA-OXA on neuropathic pain and functional recovery after sciatic nerve crush. <i>Journal of Neuroinflammation</i> , 2018 , 15, 264	10.1	37
88	KU0063794, a Dual mTORC1 and mTORC2 Inhibitor, Reduces Neural Tissue Damage and Locomotor Impairment After Spinal Cord Injury in Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 2415-2427	6.2	36
87	Anti-Inflammatory and Neuroprotective Effects of Co-UltraPEALut in a Mouse Model of Vascular Dementia. <i>Frontiers in Neurology</i> , 2017 , 8, 233	4.1	36
86	Absence of formyl peptide receptor 1 causes endometriotic lesion regression in a mouse model of surgically-induced endometriosis. <i>Oncotarget</i> , 2018 , 9, 31355-31366	3.3	36
85	The Role of Cashew (L.) Nuts on an Experimental Model of Painful Degenerative Joint Disease. <i>Antioxidants</i> , 2020 , 9,	7.1	34
84	Protective Effects of Ultramicronized Palmitoylethanolamide (PEA-um) in Myocardial Ischaemia and Reperfusion Injury in VIVO. <i>Shock</i> , 2016 , 46, 202-13	3.4	33
83	Effects of a new compound containing Palmitoylethanolamide and Baicalein in myocardial ischaemia/reperfusion injury in vivo. <i>Phytomedicine</i> , 2019 , 54, 27-42	6.5	33
82	Adelmidrol, a Palmitoylethanolamide Analogue, as a New Pharmacological Treatment for the Management of Inflammatory Bowel Disease. <i>Molecular Pharmacology</i> , 2016 , 90, 549-561	4.3	31
81	Ultramicronized palmitoylethanolamide (PEA-um(□)) in the treatment of idiopathic pulmonary fibrosis. <i>Pharmacological Research</i> , 2016 , 111, 405-412	10.2	31
80	Safety and efficacy of a new micronized formulation of the ALIamide palmitoylglucosamine in preclinical models of inflammation and osteoarthritis pain. <i>Arthritis Research and Therapy</i> , 2019 , 21, 254	5.7	30
79	Melatonin Plus Folic Acid Treatment Ameliorates Reserpine-Induced Fibromyalgia: An Evaluation of Pain, Oxidative Stress, and Inflammation. <i>Antioxidants</i> , 2019 , 8,	7.1	30
78	Ultramicronized Palmitoylethanolamide and Paracetamol, a New Association to Relieve Hyperalgesia and Pain in a Sciatic Nerve Injury Model in Rat. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
77	Neuroprotective Effects of Temsirolimus in Animal Models of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 2403-2419	6.2	29
76	Cashew (L.) Nuts Counteract Oxidative Stress and Inflammation in an Acute Experimental Model of Carrageenan-Induced Paw Edema. <i>Antioxidants</i> , 2020 , 9,	7.1	29
75	N-Palmitoylethanolamine-oxazoline (PEA-OXA): A new therapeutic strategy to reduce neuroinflammation, oxidative stress associated to vascular dementia in an experimental model of repeated bilateral common carotid arteries occlusion. <i>Neurobiology of Disease</i> , 2019 , 125, 77-91	7.5	27
74	Biochemical Evaluation of the Antioxidant Effects of Hydroxytyrosol on Pancreatitis-Associated Gut Injury. <i>Antioxidants</i> , 2020 , 9,	7.1	26

73	A new co-micronized composite containing palmitoylethanolamide and polydatin shows superior oral efficacy compared to their association in a rat paw model of carrageenan-induced inflammation. <i>European Journal of Pharmacology</i> , 2016 , 782, 107-18	5.3	26
72	Modulation of NLRP3 Inflammasome through Formyl Peptide Receptor 1 (Fpr-1) Pathway as a New Therapeutic Target in Bronchiolitis Obliterans Syndrome. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	25
71	2-Pentadecyl-2-Oxazoline Reduces Neuroinflammatory Environment in the MPTP Model of Parkinson Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 9251-9266	6.2	25
70	Therapeutic potential of dinitrobenzene sulfonic acid (DNBS)-induced colitis in mice by targeting IL-1 β and IL-18. <i>Biochemical Pharmacology</i> , 2018 , 155, 150-161	6	25
69	Therapeutic Efficacy of Palmitoylethanolamide and Its New Formulations in Synergy with Different Antioxidant Molecules Present in Diets. <i>Nutrients</i> , 2019 , 11,	6.7	24
68	N-Palmitoylethanolamine-Oxazoline as a New Therapeutic Strategy to Control Neuroinflammation: Neuroprotective Effects in Experimental Models of Spinal Cord and Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 2609-2623	5.4	23
67	Formyl Peptide Receptor 1 Signaling in Acute Inflammation and Neural Differentiation Induced by Traumatic Brain Injury. <i>Biology</i> , 2020 , 9,	4.9	23
66	The Association of Palmitoylethanolamide with Luteolin Decreases Autophagy in Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2016 , 53, 3783-3792	6.2	22
65	Palmitoylethanolamide treatment reduces retinal inflammation in streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2015 , 769, 313-23	5.3	22
64	The Role of Annexin A1 and Formyl Peptide Receptor 2/3 Signaling in Chronic Corticosterone-Induced Depression-Like behaviors and Impairment in Hippocampal-Dependent Memory. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020 , 19, 27-43	2.6	22
63	Consumption of . (Cashew Nuts) Inhibits Oxidative Stress through Modulation of the Nrf2/HO-1 and NF-kB Pathways. <i>Molecules</i> , 2020 , 25,	4.8	21
62	Fibromyalgia: Pathogenesis, Mechanisms, Diagnosis and Treatment Options Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	21
61	Co-Ultramicronized Palmitoylethanolamide/Luteolin Promotes Neuronal Regeneration after Spinal Cord Injury. <i>Frontiers in Pharmacology</i> , 2016 , 7, 47	5.6	21
60	Liver X receptors activation, through TO901317 binding, reduces neuroinflammation in Parkinson's disease. <i>PLoS ONE</i> , 2017 , 12, e0174470	3.7	20
59	Adelmidrol: A New Promising Antioxidant and Anti-Inflammatory Therapeutic Tool in Pulmonary Fibrosis. <i>Antioxidants</i> , 2020 , 9,	7.1	19
58	PPAR- γ Modulates the Anti-Inflammatory Effect of Melatonin in the Secondary Events of Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2017 , 54, 5973-5987	6.2	17
57	Plumericin prevents intestinal inflammation and oxidative stress in vitro and in vivo. <i>FASEB Journal</i> , 2020 , 34, 1576-1590	0.9	17
56	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 125, 110023	7.5	16

55	Effects of different natural extracts in an experimental model of benign prostatic hyperplasia (BPH). <i>Inflammation Research</i> , 2018 , 67, 617-626	7.2	16
54	Cashew L.) Nuts Modulate the Nrf2 and NLRP3 Pathways in Pancreas and Lung after Induction of Acute Pancreatitis by Cerulein. <i>Antioxidants</i> , 2020 , 9,	7.1	16
53	Topical Application of Adelmidrol + -Traumatic Acid Enhances Skin Wound Healing in a Streptozotocin-Induced Diabetic Mouse Model. <i>Frontiers in Pharmacology</i> , 2018 , 9, 871	5.6	16
52	N-palmitoylethanolamide Prevents Parkinsonian Phenotypes in Aged Mice. <i>Molecular Neurobiology</i> , 2018 , 55, 8455-8472	6.2	15
51	Effect of N-palmitoylethanolamine-oxazoline on comorbid neuropsychiatric disturbance associated with inflammatory bowel disease. <i>FASEB Journal</i> , 2020 , 34, 4085-4106	0.9	14
50	Protective Effect of Hydroxytyrosol Against Oxidative Stress Induced by the Ochratoxin in Kidney Cells: and Study. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 136	3.1	14
49	Effects of palmitoylethanolamide and silymarin combination treatment in an animal model of kidney ischemia and reperfusion. <i>European Journal of Pharmacology</i> , 2015 , 762, 136-49	5.3	13
48	Hidrox Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model. <i>Antioxidants</i> , 2021 , 10,	7.1	12
47	PEA/Polydatin: Anti-Inflammatory and Antioxidant Approach to Counteract DNBS-Induced Colitis. <i>Antioxidants</i> , 2021 , 10,	7.1	11
46	Management of Acute Lung Injury: Palmitoylethanolamide as a New Approach. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
45	Involvements of Hyperhomocysteinemia in Neurological Disorders. <i>Metabolites</i> , 2021 , 11,	5.6	11
44	Adelmidrol + sodium hyaluronate in IC/BPS or conditions associated to chronic urothelial inflammation. A translational study. <i>Pharmacological Research</i> , 2018 , 134, 16-30	10.2	11
43	Hidrox and Endometriosis: Biochemical Evaluation of Oxidative Stress and Pain. <i>Antioxidants</i> , 2021 , 10,	7.1	10
42	and Modulate Molecular and Biochemical Changes after Traumatic Brain Injury. <i>Antioxidants</i> , 2021 , 10,	7.1	10
41	The Protective Effects of Pre- and Post-Administration of Micronized Palmitoylethanolamide Formulation on Postoperative Pain in Rats. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
40	Hidrox Roles in Neuroprotection: Biochemical Links between Traumatic Brain Injury and Alzheimer's Disease. <i>Antioxidants</i> , 2021 , 10,	7.1	9
39	Protective effects of Colomast, A New Formulation of Adelmidrol and Sodium Hyaluronate, in A Mouse Model of Acute Restraint Stress. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
38	Neuronal-like differentiated SH-SY5Y cells adaptation to a mild and transient H ₂ O ₂ -induced oxidative stress. <i>Cell Biochemistry and Function</i> , 2018 , 36, 56-64	4.2	8

37	Effects of Hydroxytyrosol against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Bovine Mammary Epithelial Cells: A Natural Therapeutic Tool for Bovine Mastitis. <i>Antioxidants</i> , 2020 , 9,	7.1	8
36	Adaptation to oxidative stress at cellular and tissue level. <i>Archives of Physiology and Biochemistry</i> , 2019 , 1-11	2.2	8
35	A novel protective formulation of Palmitoylethanolamide in experimental model of contrast agent induced nephropathy. <i>Toxicology Letters</i> , 2016 , 240, 10-21	4.4	7
34	Hidroxi and Chronic Cystitis: Biochemical Evaluation of Inflammation, Oxidative Stress, and Pain. <i>Antioxidants</i> , 2021 , 10,	7.1	7
33	Effect of Tempol, a Membrane-Permeable Free Radical Scavenger, on Model of Eye Inflammation on Rabbit Corneal Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2019 , 35, 571-577	2.6	7
32	The association of adelmidrol with sodium hyaluronate displays beneficial properties against bladder changes following spinal cord injury in mice. <i>PLoS ONE</i> , 2019 , 14, e0208730	3.7	7
31	Key Mechanisms and Potential Implications of in NLRP3 Inflammasome Activation by Reactive Oxygen Species during Alzheimer's Disease. <i>Antioxidants</i> , 2021 , 10,	7.1	6
30	Dietary Supplementation with Palmitoyl-Glucosamine Co-Micronized with Curcumin Relieves Osteoarthritis Pain and Benefits Joint Mobility. <i>Animals</i> , 2020 , 10,	3.1	6
29	Protective Effect of Hydroxytyrosol on LPS-Induced Inflammation and Oxidative Stress in Bovine Endometrial Epithelial Cell Line. <i>Veterinary Sciences</i> , 2020 , 7,	2.4	5
28	Co-ultraPEALut: Role in Preclinical and Clinical Delirium Manifestations. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 530-554	2.6	5
27	The Protective Effect of New Carnosine-Hyaluronic Acid Conjugate on the Inflammation and Cartilage Degradation in the Experimental Model of Osteoarthritis. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1324	2.6	5
26	Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Inhibitor as a Novel Therapeutic Tool for Lung Injury. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
25	The Methyl Ester of 2-Cyano-3,12-Dioxooleana-1,9-Dien-28-Oic Acid Reduces Endometrial Lesions Development by Modulating the NFkB and Nrf2 Pathways. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
24	Plumericin Protects against Experimental Inflammatory Bowel Disease by Restoring Intestinal Barrier Function and Reducing Apoptosis. <i>Biomedicines</i> , 2021 , 9,	4.8	5
23	N-acetyl-L-cysteine reduces Leishmania amazonensis-induced inflammation in BALB/c mice. <i>BMC Veterinary Research</i> , 2020 , 16, 13	2.7	4
22	Novel Combination of COX-2 Inhibitor and Antioxidant Therapy for Modulating Oxidative Stress Associated with Intestinal Ischemic Reperfusion Injury and Endotoxemia. <i>Antioxidants</i> , 2020 , 9,	7.1	4
21	Inhibition of P2X7 Purinergic Receptor Ameliorates Fibromyalgia Syndrome by Suppressing NLRP3 Pathway. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
20	Palmitoylethanolamide/Baicalein Regulates the Androgen Receptor Signaling and NF-B/Nrf2 Pathways in Benign Prostatic Hyperplasia. <i>Antioxidants</i> , 2021 , 10,	7.1	4

19	Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
18	Micro Composite Palmitoylethanolamide/Rutin Reduces Vascular Injury through Modulation of the Nrf2/HO-1 and NF-kB Pathways. <i>Current Medicinal Chemistry</i> , 2021 , 28, 6287-6302	4.3	4
17	Effect of Artesunate on Induced Neuroinflammation and Nociceptive Behavior in Male Balb/C Mice. <i>Animals</i> , 2020 , 10,	3.1	3
16	Environmental Risk Assessment of Oxaliplatin Exposure on Early Life Stages of Zebrafish (). <i>Toxics</i> , 2022 , 10,	4.7	3
15	Aflatoxin B1 Toxicity in Zebrafish Larva (): Protective Role of. <i>Toxins</i> , 2021 , 13,	4.9	3
14	Epigallocatechin-3-Gallate Modulates Postoperative Pain by Regulating Biochemical and Molecular Pathways. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
13	Co-Ultra PEALut Enhances Endogenous Repair Response Following Moderate Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
12	Combined Toxicity of Xenobiotics Bisphenol A and Heavy Metals on Zebrafish Embryos (). <i>Toxics</i> , 2021 , 9,	4.7	3
11	Molecular and Biochemical Mechanism of Cannabidiol in the Management of the Inflammatory and Oxidative Processes Associated with Endometriosis. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5427	6.3	3
10	Intestinal Disorder in Zebrafish Larvae (): The Protective Action of N-Palmitoylethanolamide-oxazoline.. <i>Life</i> , 2022 , 12,	3	2
9	Synergic Therapeutic Potential of PEA-Um Treatment and NAAA Enzyme Silencing In the Management of Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
8	Autophagy and Mitophagy Promotion in a Rat Model of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
7	S-Acetyl-Glutathione Attenuates Carbon Tetrachloride-Induced Liver Injury by Modulating Oxidative Imbalance and Inflammation.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
6	Assessment of 2-Pentadecyl-2-oxazoline Role on Lipopolysaccharide-Induced Inflammation on Early Stage Development of Zebrafish (). <i>Life</i> , 2022 , 12,	3	1
5	Regulation of Inflammatory and Proliferative Pathways by Fotemustine and Dexamethasone in Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
4	Sensitivity of Zebrafish Embryogenesis to Risk of Fotemustine Exposure. <i>Fishes</i> , 2022 , 7, 67	2.5	1
3	Role of Bevacizumab on Vascular Endothelial Growth Factor in Apolipoprotein E Deficient Mice after Traumatic Brain Injury.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
2	Toxic Exposure to Endocrine Disruptors Worsens Parkinson's Disease Progression through NRF2/HO-1 Alteration. <i>Biomedicines</i> , 2022 , 10, 1073	4.8	1

- 1 Role of Etanercept and Infliximab on Nociceptive Changes Induced by the Experimental Model of Fibromyalgia. *International Journal of Molecular Sciences*, **2022**, 23, 6139 6.3 1