Rosalba Siracusa

List of Publications by Year in Descending Order

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	Intestinal Disorder in Zebrafish Larvae (): The Protective Action of N-Palmitoylethanolamide-oxazoline.. *Life*, **2022**, 12,	3	2
107	Assessment of 2-Pentadecyl-2-oxazoline Role on Lipopolysaccharide-Induced Inflammation on Early Stage Development of Zebrafish ().. *Life*, **2022**, 12,	3	1
106	Environmental Risk Assessment of Oxaliplatin Exposure on Early Life Stages of Zebrafish ().. *Toxics*, **2022**, 10,	4.7	3
105	Sensitivity of Zebrafish Embryogenesis to Risk of Fotemustine Exposure. *Fishes*, **2022**, 7, 67	2.5	1
104	S-Acetyl-Glutathione Attenuates Carbon Tetrachloride-Induced Liver Injury by Modulating Oxidative Imbalance and Inflammation.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
103	Role of Bevacizumab on Vascular Endothelial Growth Factor in Apolipoprotein E Deficient Mice after Traumatic Brain Injury.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
102	Molecular and Biochemical Mechanism of Cannabidiol in the Management of the Inflammatory and Oxidative Processes Associated with Endometriosis. *International Journal of Molecular Sciences*, **2022**, 23, 5427	6.3	3
101	Toxic Exposure to Endocrine Disruptors Worsens Parkinson Disease Progression through NRF2/HO-1 Alteration. *Biomedicines*, **2022**, 10, 1073	4.8	1
100	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
99	Aflatoxin B1 Toxicity in Zebrafish Larva (): Protective Role of. *Toxins*, **2021**, 13,	4.9	3
98	Key Mechanisms and Potential Implications of in NLRP3 Inflammasome Activation by Reactive Oxygen Species during Alzheimer's Disease. *Antioxidants*, **2021**, 10,	7.1	6
97	PEA/Polydatin: Anti-Inflammatory and Antioxidant Approach to Counteract DNBS-Induced Colitis. *Antioxidants*, **2021**, 10,	7.1	11
96	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. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
95	Fibromyalgia: Pathogenesis, Mechanisms, Diagnosis and Treatment Options Update. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	21
94	Autophagy and Mitophagy Promotion in a Rat Model of Endometriosis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
93	Hidrox Roles in Neuroprotection: Biochemical Links between Traumatic Brain Injury and Alzheimer's Disease. *Antioxidants*, **2021**, 10,	7.1	9
92	Hidrox and Endometriosis: Biochemical Evaluation of Oxidative Stress and Pain. *Antioxidants*, **2021**, 10,	7.1	10

91	Hidrox Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model. *Antioxidants*, **2021**, 10,	7.1	12
90	Management of Acute Lung Injury: Palmitoylethanolamide as a New Approach. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	11
89	Inhibition of P2X7 Purinergic Receptor Ameliorates Fibromyalgia Syndrome by Suppressing NLRP3 Pathway. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
88	Regulation of Inflammatory and Proliferative Pathways by Fotemustine and Dexamethasone in Endometriosis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
87	and Modulate Molecular and Biochemical Changes after Traumatic Brain Injury. *Antioxidants*, **2021**, 10,	7.1	10
86	Palmitoylethanolamide/Baicalein Regulates the Androgen Receptor Signaling and NF-Ƀ/Nrf2 Pathways in Benign Prostatic Hyperplasia. *Antioxidants*, **2021**, 10,	7.1	4
85	Epigallocatechin-3-Gallate Modulates Postoperative Pain by Regulating Biochemical and Molecular Pathways. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
84	Hidrox and Chronic Cystitis: Biochemical Evaluation of Inflammation, Oxidative Stress, and Pain. *Antioxidants*, **2021**, 10,	7.1	7
83	Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
82	Plumericin Protects against Experimental Inflammatory Bowel Disease by Restoring Intestinal Barrier Function and Reducing Apoptosis. *Biomedicines*, **2021**, 9,	4.8	5
81	Involvements of Hyperhomocysteinemia in Neurological Disorders. *Metabolites*, **2021**, 11,	5.6	11
80	Co-Ultra PEALut Enhances Endogenous Repair Response Following Moderate Traumatic Brain Injury. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
79	Micro Composite Palmitoylethanolamide/Rutin Reduces Vascular Injury through Modulation of the Nrf2/HO-1 and NF-kB Pathways. *Current Medicinal Chemistry*, **2021**, 28, 6287-6302	4.3	4
78	Combined Toxicity of Xenobiotics Bisphenol A and Heavy Metals on Zebrafish Embryos ().. *Toxics*, **2021**, 9,	4.7	3
77	Protective effects of Colomast, A New Formulation of Adelmidrol and Sodium Hyaluronate, in A Mouse Model of Acute Restraint Stress. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
76	Protective Effect of Hydroxytyrosol on LPS-Induced Inflammation and Oxidative Stress in Bovine Endometrial Epithelial Cell Line. *Veterinary Sciences*, **2020**, 7,	2.4	5
75	Ultramicronized Palmitoylethanolamide and Paracetamol, a New Association to Relieve Hyperalgesia and Pain in a Sciatic Nerve Injury Model in Rat. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	29
74	The Role of Cashew (L.) Nuts on an Experimental Model of Painful Degenerative Joint Disease. *Antioxidants*, **2020**, 9,	7.1	34

73	Focus on the Role of NLRP3 Inflammasome in Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	69
72	Modulation of NLRP3 Inflammasome through Formyl Peptide Receptor 1 (Fpr-1) Pathway as a New Therapeutic Target in Bronchiolitis Obliterans Syndrome. *International Journal of Molecular Sciences* , **2020**, 21,	6.3	25
71	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. *Biomedicine and Pharmacotherapy*, **2020**, 125, 110023	7.5	16
70	Effect of N-palmitoylethanolamine-oxazoline on comorbid neuropsychiatric disturbance associated with inflammatory bowel disease. *FASEB Journal*, **2020**, 34, 4085-4106	0.9	14
69	N-acetyl-L-cysteine reduces Leishmania amazonensis-induced inflammation in BALB/c mice. *BMC Veterinary Research*, **2020**, 16, 13	2.7	4
68	Effect of Artesunate on Induced Neuroinflammation and Nociceptive Behavior in Male Balb/C Mice. *Animals*, **2020**, 10,	3.1	3
67	The Antioxidant and Anti-Inflammatory Properties of L. Cashew Nuts in a Mouse Model of Colitis. *Nutrients*, **2020**, 12,	6.7	44
66	Protective Effect of Hydroxytyrosol Against Oxidative Stress Induced by the Ochratoxin in Kidney Cells: and Study. *Frontiers in Veterinary Science*, **2020**, 7, 136	3.1	14
65	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. *CNS and Neurological Disorders - Drug Targets*, **2020**, 19, 27-43	2.6	22
64	The Protective Effect of New Carnosine-Hyaluronic Acid Conjugate on the Inflammation and Cartilage Degradation in the Experimental Model of Osteoarthritis. *Applied Sciences (Switzerland)*, **2020**, 10, 1324	2.6	5
63	Consumption of . (Cashew Nuts) Inhibits Oxidative Stress through Modulation of the Nrf2/HO-1 and NF-kB Pathways. *Molecules*, **2020**, 25,	4.8	21
62	Plumericin prevents intestinal inflammation and oxidative stress in vitro and in vivo. *FASEB Journal*, **2020**, 34, 1576-1590	0.9	17
61	Cashew L.) Nuts Modulate the Nrf2 and NLRP3 Pathways in Pancreas and Lung after Induction of Acute Pancreatitis by Cerulein. *Antioxidants*, **2020**, 9,	7.1	16
60	The Protective Effects of Pre- and Post-Administration of Micronized Palmitoylethanolamide Formulation on Postoperative Pain in Rats. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
59	Novel Combination of COX-2 Inhibitor and Antioxidant Therapy for Modulating Oxidative Stress Associated with Intestinal Ischemic Reperfusion Injury and Endotoxemia. *Antioxidants*, **2020**, 9,	7.1	4
58	Dietary Supplementation with Palmitoyl-Glucosamine Co-Micronized with Curcumin Relieves Osteoarthritis Pain and Benefits Joint Mobility. *Animals*, **2020**, 10,	3.1	6
57	Adelmidrol: A New Promising Antioxidant and Anti-Inflammatory Therapeutic Tool in Pulmonary Fibrosis. *Antioxidants*, **2020**, 9,	7.1	19
56	Cashew (L.) Nuts Counteract Oxidative Stress and Inflammation in an Acute Experimental Model of Carrageenan-Induced Paw Edema. *Antioxidants*, **2020**, 9,	7.1	29

55	Effects of Hydroxytyrosol against Lipopolysaccharide-Induced Inflammation and Oxidative Stress in Bovine Mammary Epithelial Cells: A Natural Therapeutic Tool for Bovine Mastitis. *Antioxidants*, **2020**, 9,	7.1	8
54	Synergic Therapeutic Potential of PEA-Um Treatment and NAAA Enzyme Silencing In the Management of Neuroinflammation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
53	Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Inhibitor as a Novel Therapeutic Tool for Lung Injury. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
52	Biochemical Evaluation of the Antioxidant Effects of Hydroxytyrosol on Pancreatitis-Associated Gut Injury. *Antioxidants*, **2020**, 9,	7.1	26
51	Anti-inflammatory and Anti-oxidant Activity of Hidrox in Rotenone-Induced Parkinson's Disease in Mice. *Antioxidants*, **2020**, 9,	7.1	60
50	Formyl Peptide Receptor 1 Signaling in Acute Inflammation and Neural Differentiation Induced by Traumatic Brain Injury. *Biology*, **2020**, 9,	4.9	23
49	Astrocytes: Role and Functions in Brain Pathologies. *Frontiers in Pharmacology*, **2019**, 10, 1114	5.6	85
48	Therapeutic Efficacy of Palmitoylethanolamide and Its New Formulations in Synergy with Different Antioxidant Molecules Present in Diets. *Nutrients*, **2019**, 11,	6.7	24
47	-Palmitoylethanolamide-Oxazoline Protects against Middle Cerebral Artery Occlusion Injury in Diabetic Rats by Regulating the SIRT1 Pathway. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	39
46	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. *Neurobiology of Disease*, **2019**, 125, 77-91	7.5	27
45	The neuroprotective effects of micronized PEA (PEA-m) formulation on diabetic peripheral neuropathy in mice. *FASEB Journal*, **2019**, 33, 11364-11380	0.9	45
44	Co-ultraPEALut: Role in Preclinical and Clinical Delirium Manifestations. *CNS and Neurological Disorders - Drug Targets*, **2019**, 18, 530-554	2.6	5
43	Adaptation to oxidative stress at cellular and tissue level. *Archives of Physiology and Biochemistry*, **2019**, 1-11	2.2	8
42	Effect of Tempol, a Membrane-Permeable Free Radical Scavenger, on Model of Eye Inflammation on Rabbit Corneal Cells. *Journal of Ocular Pharmacology and Therapeutics*, **2019**, 35, 571-577	2.6	7
41	Safety and efficacy of a new micronized formulation of the ALIAmide palmitoylglucosamine in preclinical models of inflammation and osteoarthritis pain. *Arthritis Research and Therapy*, **2019**, 21, 254	5.7	30
40	Melatonin Plus Folic Acid Treatment Ameliorates Reserpine-Induced Fibromyalgia: An Evaluation of Pain, Oxidative Stress, and Inflammation. *Antioxidants*, **2019**, 8,	7.1	30
39	TLR4 absence reduces neuroinflammation and inflammasome activation in Parkinson's diseases in vivo model. *Brain, Behavior, and Immunity*, **2019**, 76, 236-247	16.6	41
38	The association of adelmidrol with sodium hyaluronate displays beneficial properties against bladder changes following spinal cord injury in mice. *PLoS ONE*, **2019**, 14, e0208730	3.7	7

37	Effects of a new compound containing Palmitoylethanolamide and Baicalein in myocardial ischaemia/reperfusion injury in vivo. *Phytomedicine*, **2019**, 54, 27-42	6.5	33
36	Effects of different natural extracts in an experimental model of benign prostatic hyperplasia (BPH). *Inflammation Research*, **2018**, 67, 617-626	7.2	16
35	Neuronal-like differentiated SH-SY5Y cells adaptation to a mild and transient H O -induced oxidative stress. *Cell Biochemistry and Function*, **2018**, 36, 56-64	4.2	8
34	Neuroprotective Effects of Temsirolimus in Animal Models of Parkinson's Disease. *Molecular Neurobiology*, **2018**, 55, 2403-2419	6.2	29
33	Oral Ultramicronized Palmitoylethanolamide: Plasma and Tissue Levels and Spinal Anti-hyperalgesic Effect. *Frontiers in Pharmacology*, **2018**, 9, 249	5.6	42
32	Neuroprotective Effect of Artesunate in Experimental Model of Traumatic Brain Injury. *Frontiers in Neurology*, **2018**, 9, 590	4.1	42
31	Absence of formyl peptide receptor 1 causes endometriotic lesion regression in a mouse model of surgically-induced endometriosis. *Oncotarget*, **2018**, 9, 31355-31366	3.3	36
30	N-palmitoylethanolamide Prevents Parkinsonian Phenotypes in Aged Mice. *Molecular Neurobiology*, **2018**, 55, 8455-8472	6.2	15
29	Effect of PEA-OXA on neuropathic pain and functional recovery after sciatic nerve crush. *Journal of Neuroinflammation*, **2018**, 15, 264	10.1	37
28	Topical Application of Adelmidrol + -Traumatic Acid Enhances Skin Wound Healing in a Streptozotocin-Induced Diabetic Mouse Model. *Frontiers in Pharmacology*, **2018**, 9, 871	5.6	16
27	Adelmidrol + sodium hyaluronate in IC/BPS or conditions associated to chronic urothelial inflammation. A translational study. *Pharmacological Research*, **2018**, 134, 16-30	10.2	11
26	2-Pentadecyl-2-Oxazoline Reduces Neuroinflammatory Environment in the MPTP Model of Parkinson Disease. *Molecular Neurobiology*, **2018**, 55, 9251-9266	6.2	25
25	Therapeutic potential of dinitrobenzene sulfonic acid (DNBS)-induced colitis in mice by targeting IL-1 and IL-18. *Biochemical Pharmacology*, **2018**, 155, 150-161	6	25
24	KU0063794, a Dual mTORC1 and mTORC2 Inhibitor, Reduces Neural Tissue Damage and Locomotor Impairment After Spinal Cord Injury in Mice. *Molecular Neurobiology*, **2017**, 54, 2415-2427	6.2	36
23	N-Palmitoylethanolamine-Oxazoline as a New Therapeutic Strategy to Control Neuroinflammation: Neuroprotective Effects in Experimental Models of Spinal Cord and Brain Injury. *Journal of Neurotrauma*, **2017**, 34, 2609-2623	5.4	23
22	Effects of a co-micronized composite containing palmitoylethanolamide and polydatin in an experimental model of benign prostatic hyperplasia. *Toxicology and Applied Pharmacology*, **2017**, 329, 231-240	4.6	39
21	Liver X receptors activation, through TO901317 binding, reduces neuroinflammation in Parkinson's disease. *PLoS ONE*, **2017**, 12, e0174470	3.7	20
20	Beneficial Effects of Co-Ultramicronized Palmitoylethanolamide/Luteolin in a Mouse Model of Autism and in a Case Report of Autism. *CNS Neuroscience and Therapeutics*, **2017**, 23, 87-98	6.8	42

19	PPAR-Modulates the Anti-Inflammatory Effect of Melatonin in the Secondary Events of Spinal Cord Injury. *Molecular Neurobiology*, **2017**, 54, 5973-5987	6.2	17
18	2-Pentadecyl-2-Oxazoline, the Oxazoline of Pea, Modulates Carrageenan-Induced Acute Inflammation. *Frontiers in Pharmacology*, **2017**, 8, 308	5.6	38
17	The Anti-Inflammatory and Antioxidant Potential of Pistachios (Pistacia vera L.) In Vitro and In Vivo. *Nutrients*, **2017**, 9,	6.7	38
16	Anti-Inflammatory and Neuroprotective Effects of Co-UltraPEALut in a Mouse Model of Vascular Dementia. *Frontiers in Neurology*, **2017**, 8, 233	4.1	36
15	A novel protective formulation of Palmitoylethanolamide in experimental model of contrast agent induced nephropathy. *Toxicology Letters*, **2016**, 240, 10-21	4.4	7
14	The Association of Palmitoylethanolamide with Luteolin Decreases Autophagy in Spinal Cord Injury. *Molecular Neurobiology*, **2016**, 53, 3783-3792	6.2	22
13	Neuroprotective Effects of Co-UltraPEALut on Secondary Inflammatory Process and Autophagy Involved in Traumatic Brain Injury. *Journal of Neurotrauma*, **2016**, 33, 132-46	5.4	50
12	Adelmidrol, a Palmitoylethanolamide Analogue, as a New Pharmacological Treatment for the Management of Inflammatory Bowel Disease. *Molecular Pharmacology*, **2016**, 90, 549-561	4.3	31
11	Ultramicronized palmitoylethanolamide (PEA-um( )) in the treatment of idiopathic pulmonary fibrosis. *Pharmacological Research*, **2016**, 111, 405-412	10.2	31
10	Redox modulation of cellular stress response and lipoxin A4 expression by Coriolus versicolor in rat brain: Relevance to Alzheimer's disease pathogenesis. *NeuroToxicology*, **2016**, 53, 350-358	4.4	50
9	Co-Ultramicronized Palmitoylethanolamide/Luteolin Promotes Neuronal Regeneration after Spinal Cord Injury. *Frontiers in Pharmacology*, **2016**, 7, 47	5.6	21
8	Redox modulation of cellular stress response and lipoxin A4 expression by Hericium Erinaceus in rat brain: relevance to Alzheimer's disease pathogenesis. *Immunity and Ageing*, **2016**, 13, 23	9.7	41
7	Protective Effects of Ultramicronized Palmitoylethanolamide (PEA-um) in Myocardial Ischaemia and Reperfusion Injury in VIVO. *Shock*, **2016**, 46, 202-13	3.4	33
6	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. *European Journal of Pharmacology*, **2016**, 782, 107-18	5.3	26
5	Protective effect of polyphenols in an inflammatory process associated with experimental pulmonary fibrosis in mice. *British Journal of Nutrition*, **2015**, 114, 853-65	3.6	59
4	Effects of palmitoylethanolamide and silymarin combination treatment in an animal model of kidney ischemia and reperfusion. *European Journal of Pharmacology*, **2015**, 762, 136-49	5.3	13
3	Palmitoylethanolamide treatment reduces retinal inflammation in streptozotocin-induced diabetic rats. *European Journal of Pharmacology*, **2015**, 769, 313-23	5.3	22
2	Micronized/ultramicronized palmitoylethanolamide displays superior oral efficacy compared to nonmicronized palmitoylethanolamide in a rat model of inflammatory pain. *Journal of Neuroinflammation*, **2014**, 11, 136	10.1	74

1	Neuroprotection by association of palmitoylethanolamide with luteolin in experimental Alzheimer's disease models: the control of neuroinflammation. *CNS and Neurological Disorders - Drug Targets*, **2014**, 13, 1530-41	2.6	58