

Roberta Fusco

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

3,265
citations

94269

37
h-index

189595

50
g-index

102
all docs

102
docs citations

102
times ranked

2779
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes: Role and Functions in Brain Pathologies. <i>Frontiers in Pharmacology</i> , 2019, 10, 1114.	1.6	197
2	Focus on the Role of NLRP3 Inflammasome in Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4223.	1.8	162
3	Anti-inflammatory and Anti-oxidant Activity of HidroxÂ® in Rotenone-Induced Parkinsonâ€™s Disease in Mice. <i>Antioxidants</i> , 2020, 9, 824.	2.2	101
4	The Antioxidant and Anti-Inflammatory Properties of <i>Anacardium occidentale</i> L. Cashew Nuts in a Mouse Model of Colitis. <i>Nutrients</i> , 2020, 12, 834.	1.7	71
5	Cashew (<i>Anacardium occidentale</i> L.) Nuts Counteract Oxidative Stress and Inflammation in an Acute Experimental Model of Carrageenan-Induced Paw Edema. <i>Antioxidants</i> , 2020, 9, 660.	2.2	63
6	Neuroprotective Effect of Artesunate in Experimental Model of Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 590.	1.1	62
7	The neuroprotective effects of micronized PEA (PEAâ€™m) formulation on diabetic peripheral neuropathy in mice. <i>FASEB Journal</i> , 2019, 33, 11364-11380.	0.2	61
8	A novel composite formulation of palmitoylethanolamide and quercetin decreases inflammation and relieves pain in inflammatory and osteoarthritic pain models. <i>BMC Veterinary Research</i> , 2017, 13, 229.	0.7	59
9	N-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, 4845.	1.8	56
10	The Role of Cashew (<i>Anacardium occidentale</i> L.) Nuts on an Experimental Model of Painful Degenerative Joint Disease. <i>Antioxidants</i> , 2020, 9, 511.	2.2	56
11	Adelmidrol, in combination with hyaluronic acid, displays increased anti-inflammatory and analgesic effects against monosodium iodoacetate-induced osteoarthritis in rats. <i>Arthritis Research and Therapy</i> , 2016, 18, 291.	1.6	55
12	Treatment With a Flavonoid-Rich Fraction of Bergamot Juice Improved Lipopolysaccharide-Induced Periodontitis in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1563.	1.6	55
13	Consumption of <i>Anacardium occidentale</i> L. (Cashew Nuts) Inhibits Oxidative Stress through Modulation of the Nrf2/HOâ€™1 and NF-kB Pathways. <i>Molecules</i> , 2020, 25, 4426.	1.7	55
14	A flavonoid-rich extract of orange juice reduced oxidative stress in an experimental model of inflammatory bowel disease. <i>Journal of Functional Foods</i> , 2017, 30, 168-178.	1.6	54
15	Palmitoylethanolamide and Polydatin combination reduces inflammation and oxidative stress in vascular injury. <i>Pharmacological Research</i> , 2017, 123, 83-92.	3.1	54
16	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, 2144.	1.8	54
17	Melatonin Plus Folic Acid Treatment Ameliorates Reserpine-Induced Fibromyalgia: An Evaluation of Pain, Oxidative Stress, and Inflammation. <i>Antioxidants</i> , 2019, 8, 628.	2.2	53
18	Biochemical Evaluation of the Antioxidant Effects of Hydroxytyrosol on Pancreatitis-Associated Gut Injury. <i>Antioxidants</i> , 2020, 9, 781.	2.2	52

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19	Formyl Peptide Receptor 1 Signaling in Acute Inflammation and Neural Differentiation Induced by Traumatic Brain Injury. <i>Biology</i> , 2020, 9, 238.	1.3	52
20	Anti-inflammatory effect of ATB-352, a H ₂ S-releasing ketoprofen derivative, on lipopolysaccharide-induced periodontitis in rats. <i>Pharmacological Research</i> , 2018, 132, 220-231.	3.1	51
21	Identification of Novel Triazole-Based Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors Endowed with Antiproliferative and Antiinflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1768-1792.	2.9	49
22	Inhibition of inflammasome activation improves lung acute injury induced by carrageenan in a mouse model of pleurisy. <i>FASEB Journal</i> , 2017, 31, 3497-3511.	0.2	49
23	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.	1.3	49
24	Effect of PEA-OXA on neuropathic pain and functional recovery after sciatic nerve crush. <i>Journal of Neuroinflammation</i> , 2018, 15, 264.	3.1	48
25	Effects of a new compound containing Palmitoylethanolamide and Baicalein in myocardial ischaemia/reperfusion injury in vivo. <i>Phytomedicine</i> , 2019, 54, 27-42.	2.3	48
26	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.	0.8	48
27	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.	1.6	47
28	Involvement of TLR4 and PPAR- α Receptors in Host Response and NLRP3 Inflammasome Activation, Against Pulmonary Infection With <i>Pseudomonas Aeruginosa</i> . <i>Shock</i> , 2019, 51, 221-227.	1.0	47
29	Ultramicronized palmitoylethanolamide (PEA-um \hat{A}) in the treatment of idiopathic pulmonary fibrosis. <i>Pharmacological Research</i> , 2016, 111, 405-412.	3.1	46
30	Adelmidrol: A New Promising Antioxidant and Anti-Inflammatory Therapeutic Tool in Pulmonary Fibrosis. <i>Antioxidants</i> , 2020, 9, 601.	2.2	46
31	Protective Effects of Ultramicronized Palmitoylethanolamide (PEA-um) in Myocardial Ischaemia and Reperfusion Injury in VIVO. <i>Shock</i> , 2016, 46, 202-213.	1.0	44
32	Cashew (<i>Anacardium occidentale</i> L.) Nuts Modulate the Nrf2 and NLRP3 Pathways in Pancreas and Lung after Induction of Acute Pancreatitis by Cerulein. <i>Antioxidants</i> , 2020, 9, 992.	2.2	44
33	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, 3509.	1.8	44
34	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.	0.8	44
35	Management of Acute Lung Injury: Palmitoylethanolamide as a New Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5533.	1.8	42
36	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.	2.5	41

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37	Co-micronized Palmitoylethanolamide/Polydatin Treatment Causes Endometriotic Lesion Regression in a Rodent Model of Surgically Induced Endometriosis. <i>Frontiers in Pharmacology</i> , 2016, 7, 382.	1.6	40
38	Hidroxi® Counteracts Cyclophosphamide-Induced Male Infertility through NRF2 Pathways in a Mouse Model. <i>Antioxidants</i> , 2021, 10, 778.	2.2	39
39	The Antioxidant Activity of Pistachios Reduces Cardiac Tissue Injury of Acute Ischemia/Reperfusion (I/R) in Diabetic Streptozotocin (STZ)-Induced Hyperglycaemic Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 51.	1.6	35
40	Protective Effect of Hydroxytyrosol Against Oxidative Stress Induced by the Ochratoxin in Kidney Cells: in vitro and in vivo Study. <i>Frontiers in Veterinary Science</i> , 2020, 7, 136.	0.9	35
41	Combined Toxicity of Xenobiotics Bisphenol A and Heavy Metals on Zebrafish Embryos (<i>Danio rerio</i>). <i>Toxics</i> , 2021, 9, 344.	1.6	33
42	Autophagy and Mitophagy Promotion in a Rat Model of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5074.	1.8	31
43	Protective effect of snail secretion filtrate against ethanol-induced gastric ulcer in mice. <i>Scientific Reports</i> , 2021, 11, 3638.	1.6	30
44	Inhibition of P2X7 Purinergic Receptor Ameliorates Fibromyalgia Syndrome by Suppressing NLRP3 Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6471.	1.8	30
45	Involvements of Hyperhomocysteinemia in Neurological Disorders. <i>Metabolites</i> , 2021, 11, 37.	1.3	28
46	<i>Hericium erinaceus</i> and <i>Coriolus versicolor</i> Modulate Molecular and Biochemical Changes after Traumatic Brain Injury. <i>Antioxidants</i> , 2021, 10, 898.	2.2	28
47	Key Mechanisms and Potential Implications of <i>Hericium erinaceus</i> in NLRP3 Inflammasome Activation by Reactive Oxygen Species during Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 1664.	2.2	26
48	Effect of a new formulation of micronized and ultramicronized N-palmitoylethanolamine in a tibia fracture mouse model of complex regional pain syndrome. <i>PLoS ONE</i> , 2017, 12, e0178553.	1.1	25
49	Effect of N-palmitoylethanolamine oxazoline on comorbid neuropsychiatric disturbance associated with inflammatory bowel disease. <i>FASEB Journal</i> , 2020, 34, 4085-4106.	0.2	24
50	Environmental Risk Assessment of Oxaliplatin Exposure on Early Life Stages of Zebrafish (<i>Danio rerio</i>). <i>Toxics</i> , 2022, 10, 81.	1.6	24
51	The Methyl Ester of 2-Cyano-3,12-Dioxooleana-1,9-Dien-28-Oic Acid Reduces Endometrial Lesions Development by Modulating the NFκB and Nrf2 Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3991.	1.8	23
52	Aflatoxin B1 Toxicity in Zebrafish Larva (<i>Danio rerio</i>): Protective Role of <i>Hericium erinaceus</i> . <i>Toxins</i> , 2021, 13, 710.	1.5	23
53	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, 693.	2.2	22
54	Hidroxi® Roles in Neuroprotection: Biochemical Links between Traumatic Brain Injury and Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 818.	2.2	22

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55	PEA/Polydatin: Anti-Inflammatory and Antioxidant Approach to Counteract DNBS-Induced Colitis. <i>Antioxidants</i> , 2021, 10, 464.	2.2	21
56	Atrazine Inhalation Causes Neuroinflammation, Apoptosis and Accelerating Brain Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7938.	1.8	21
57	Intestinal Disorder in Zebrafish Larvae (<i>Danio rerio</i>): The Protective Action of N-Palmitoylethanolamide-oxazoline. <i>Life</i> , 2022, 12, 125.	1.1	21
58	Hidroxi® and Endometriosis: Biochemical Evaluation of Oxidative Stress and Pain. <i>Antioxidants</i> , 2021, 10, 720.	2.2	20
59	Assessment of 2-Pentadecyl-2-oxazoline Role on Lipopolysaccharide-Induced Inflammation on Early Stage Development of Zebrafish (<i>Danio rerio</i>). <i>Life</i> , 2022, 12, 128.	1.1	20
60	Toxic Exposure to Endocrine Disruptors Worsens Parkinson's Disease Progression through NRF2/HO-1 Alteration. <i>Biomedicines</i> , 2022, 10, 1073.	1.4	18
61	Effect of Ultra-Micronized-Palmitoylethanolamide and Acetyl-L-Carnitine on Experimental Model of Inflammatory Pain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1967.	1.8	17
62	Physiological and Biochemical Changes in NRF2 Pathway in Aged Animals Subjected to Brain Injury. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 160-179.	1.1	17
63	Formyl peptide receptor 1 signalling promotes experimental colitis in mice. <i>Pharmacological Research</i> , 2019, 141, 591-601.	3.1	16
64	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, 7700.	1.8	16
65	Hidroxi® and Chronic Cystitis: Biochemical Evaluation of Inflammation, Oxidative Stress, and Pain. <i>Antioxidants</i> , 2021, 10, 1046.	2.2	16
66	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.	1.8	16
67	Environmental Risk Assessment of Dexamethasone Sodium Phosphate and Tocilizumab Mixture in Zebrafish Early Life Stage (<i>Danio rerio</i>). <i>Toxics</i> , 2022, 10, 279.	1.6	16
68	Adelmidrol + sodium hyaluronate in IC/BPS or conditions associated to chronic urothelial inflammation. A translational study. <i>Pharmacological Research</i> , 2018, 134, 16-30.	3.1	15
69	Epigallocatechin-3-Gallate Modulates Postoperative Pain by Regulating Biochemical and Molecular Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6879.	1.8	15
70	S-Acetyl-Glutathione Attenuates Carbon Tetrachloride-Induced Liver Injury by Modulating Oxidative Imbalance and Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4429.	1.8	15
71	Toxic Effects of Endocrine Disruptor Exposure on Collagen-Induced Arthritis. <i>Biomolecules</i> , 2022, 12, 564.	1.8	15
72	Discovering the Effects of Fisetin on NF- κ B/NLRP-3/NRF-2 Molecular Pathways in a Mouse Model of Vascular Dementia Induced by Repeated Bilateral Carotid Occlusion. <i>Biomedicines</i> , 2022, 10, 1448.	1.4	15

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73	Dietary Supplementation with Palmitoyl-Glucosamine Co-Micronized with Curcumin Relieves Osteoarthritis Pain and Benefits Joint Mobility. <i>Animals</i> , 2020, 10, 1827.	1.0	14
74	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, 8136.	1.8	14
75	Protective Effect of Hydroxytyrosol on LPS-Induced Inflammation and Oxidative Stress in Bovine Endometrial Epithelial Cell Line. <i>Veterinary Sciences</i> , 2020, 7, 161.	0.6	14
76	Palmitoylethanolamide/Baicalein Regulates the Androgen Receptor Signaling and NF- κ B/Nrf2 Pathways in Benign Prostatic Hyperplasia. <i>Antioxidants</i> , 2021, 10, 1014.	2.2	14
77	Effect of Cannabidiol (CBD) on Canine Inflammatory Response: An Ex Vivo Study on LPS Stimulated Whole Blood. <i>Veterinary Sciences</i> , 2021, 8, 185.	0.6	14
78	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, 4162.	1.8	14
79	Role of Etanercept and Infliximab on Nociceptive Changes Induced by the Experimental Model of Fibromyalgia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6139.	1.8	14
80	Exposure to Atrazine Induces Lung Inflammation through Nrf2-HO1 and Beclin 1/LC3 Pathways. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 413-427.	1.1	13
81	Consumption of Cashew (<i>Anacardium occidentale</i> L.) Nuts Counteracts Oxidative Stress and Tissue Inflammation in Mild Hyperhomocysteinemia in Rats. <i>Nutrients</i> , 2022, 14, 1474.	1.7	13
82	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, 7761.	1.8	12
83	Atrazine Inhalation Worsen Pulmonary Fibrosis Regulating the Nuclear Factor-Erythroid 2-Related Factor (Nrf2) Pathways Inducing Brain Comorbidities. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 704-725.	1.1	12
84	A β (Euterpe Oleraceae Mart.) Seeds Regulate NF- κ B and Nrf2/ARE Pathways Protecting Lung against Acute and Chronic Inflammation. <i>Cellular Physiology and Biochemistry</i> , 2022, 56, 1-20.	1.1	12
85	Coriolus Versicolor Downregulates TLR4/NF- κ B Signaling Cascade in Dinitrobenzenesulfonic Acid-Treated Mice: A Possible Mechanism for the Anti-Colitis Effect. <i>Antioxidants</i> , 2022, 11, 406.	2.2	11
86	The Nutraceutical N-Palmitoylethanolamide (PEA) Reveals Widespread Molecular Effects Unmasking New Therapeutic Targets in Murine Varicocele. <i>Nutrients</i> , 2021, 13, 734.	1.7	10
87	Plumericin Protects against Experimental Inflammatory Bowel Disease by Restoring Intestinal Barrier Function and Reducing Apoptosis. <i>Biomedicines</i> , 2021, 9, 67.	1.4	9
88	The Protective Effect of Snail Secretion Filtrate in an Experimental Model of Excisional Wounds in Mice. <i>Veterinary Sciences</i> , 2021, 8, 167.	0.6	9
89	Resveratrol Inhibition of the WNT/ β -Catenin Pathway following Discogenic Low Back Pain. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4092.	1.8	9
90	Micro Composite Palmitoylethanolamide/Rutin Reduces Vascular Injury through Modulation of the Nrf2/HO-1 and NF- κ B Pathways. <i>Current Medicinal Chemistry</i> , 2021, 28, 6287-6302.	1.2	7

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91	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.	1.3	7
92	Wnt/ β 2-Catenin Pathway in Experimental Model of Fibromyalgia: Role of Hidrox \hat{A} [®] . <i>Biomedicines</i> , 2021, 9, 1683.	1.4	7
93	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, 930.	2.2	6
94	Regulation of Inflammatory and Proliferative Pathways by Fotemustine and Dexamethasone in Endometriosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5998.	1.8	6
95	Ultramicronized Palmitoylethanolamide in the Management of Sepsis-Induced Coagulopathy and Disseminated Intravascular Coagulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11388.	1.8	6
96	Fatty Acid Amide Hydrolase (FAAH) Inhibition Plays a Key Role in Counteracting Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2781.	1.8	6
97	Effect of Artesunate on Leishmania Amazonensis Induced Neuroinflammation and Nociceptive Behavior in Male Balb/C Mice. <i>Animals</i> , 2020, 10, 557.	1.0	5
98	Loading Imatinib inside targeted nanoparticles to prevent Bronchiolitis Obliterans Syndrome. <i>Scientific Reports</i> , 2020, 10, 20726.	1.6	4
99	Sensitivity of Zebrafish Embryogenesis to Risk of Fotemustine Exposure. <i>Fishes</i> , 2022, 7, 67.	0.7	4
100	Efficacy of imatinib loaded-antiCD44 coated gold nanoparticles: a possible new therapeutic approach to BOS. , 2019, , .		0