

# Rosanna Di Paola

## List of Publications by Year in descending order

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Version: 2024-02-01

337  
papers

14,444  
citations

22153

59  
h-index

48315

88  
g-index

342  
all docs

342  
docs citations

342  
times ranked

16487  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Cellular stress responses, hormetic phytochemicals and vitagenes in aging and longevity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 753-783.   | 3.8 | 351       |
| 2  | Aging and Parkinson's Disease: Inflammaging, neuroinflammation and biological remodeling as key factors in pathogenesis. <i>Free Radical Biology and Medicine</i> , 2018, 115, 80-91.   | 2.9 | 255       |
| 3  | 5-Arylidene-2-imino-4-thiazolidinones: Design and synthesis of novel anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4243-4252.   | 3.0 | 246       |
| 4  | A role for superoxide in gentamicin-mediated nephropathy in rats. <i>European Journal of Pharmacology</i> , 2002, 450, 67-76.   | 3.5 | 216       |
| 5  | Rosiglitazone, a ligand of the peroxisome proliferator-activated receptor- $\gamma$ , reduces acute inflammation. <i>European Journal of Pharmacology</i> , 2004, 483, 79-93.   | 3.5 | 198       |
| 6  | Fibromyalgia: Pathogenesis, Mechanisms, Diagnosis and Treatment Options Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3891.  | 4.1 | 181       |
| 7  | Focus on the Role of NLRP3 Inflammasome in Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4223.   | 4.1 | 162       |
| 8  | Endogenous Interleukin-6 Enhances the Renal Injury, Dysfunction, and Inflammation Caused by Ischemia/Reperfusion. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 1170-1178.  | 2.5 | 158       |
| 9  | Protective Effects of Anthocyanins from Blackberry in a Rat Model of Acute Lung Inflammation. <i>Free Radical Research</i> , 2003, 37, 891-900.   | 3.3 | 150       |
| 10 | Reduction in the evolution of murine type II collagen-induced arthritis by treatment with rosiglitazone, a ligand of the peroxisome proliferator-activated receptor $\gamma$ . <i>Arthritis and Rheumatism</i> , 2003, 48, 3544-3556.   | 6.7 | 141       |
| 11 | Effect of rosiglitazone and 15-deoxy- $\Delta^{12,14}$ -prostaglandin J2 on bleomycin-induced lung injury. <i>European Respiratory Journal</i> , 2005, 25, 225-234.   | 6.7 | 140       |
| 12 | Immunomodulatory Effects of Etanercept in an Experimental Model of Spinal Cord Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1006-1016.   | 2.5 | 136       |
| 13 | Neuroinflammation and neurohormesis in the pathogenesis of Alzheimer's disease and Alzheimer-linked pathologies: modulation by nutritional mushrooms. <i>Immunity and Ageing</i> , 2018, 15, 8.   | 4.2 | 123       |
| 14 | Glucocorticoid-Induced Leucine Zipper Is Protective in Th1-Mediated Models of Colitis. <i>Gastroenterology</i> , 2009, 136, 530-541.  | 1.3 | 122       |
| 15 | Inflammasomes, hormesis, and antioxidants in neuroinflammation: Role of NLRP3 in Alzheimer disease. <i>Journal of Neuroscience Research</i> , 2017, 95, 1360-1372.  | 2.9 | 120       |
| 16 | Pure MnTBAP selectively scavenges peroxynitrite over superoxide: Comparison of pure and commercial MnTBAP samples to MnTE-2-PyP in two models of oxidative stress injury, an SOD-specific <i>Escherichia coli</i> model and carrageenan-induced pleurisy. <i>Free Radical Biology and Medicine</i> , 2009, 46, 192-201. | 2.9 | 119       |
| 17 | The Cyclopentenone Prostaglandin 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 Attenuates the Development of Acute and Chronic Inflammation. <i>Molecular Pharmacology</i> , 2002, 61, 997-1007.   | 2.3 | 118       |
| 18 | GREEN TEA POLYPHENOL EXTRACT ATTENUATES ZYMOSAN-INDUCED NON-SEPTIC SHOCK IN MICE. <i>Shock</i> , 2006, 26, 402-409.   | 2.1 | 104       |

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|----|--|-----|-----------|
| 19 | Glycyrrhizin attenuates the development of carrageenan-induced lung injury in mice. Pharmacological Research, 2008, 58, 22-31.   | 7.1 | 101       |
| 20 | Effects of Palmitoylethanolamide on Signaling Pathways Implicated in the Development of Spinal Cord Injury. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 12-23.   | 2.5 | 101       |
| 21 | Anti-inflammatory and Anti-oxidant Activity of HidroxÂ® in Rotenone-Induced Parkinsonâ€™s Disease in Mice. Antioxidants, 2020, 9, 824.   | 5.1 | 101       |
| 22 | Rosiglitazone and 15-deoxy-Î”12,14 -prostaglandin J2 , ligands of the peroxisome proliferator-activated receptor-Î³ (PPAR-Î³ ), reduce ischaemia/reperfusion injury of the gut. British Journal of Pharmacology, 2003, 140, 366-376. | 5.4 | 97        |
| 23 | Effects of palmitoylethanolamide on release of mast cell peptidases and neurotrophic factors after spinal cord injury. Brain, Behavior, and Immunity, 2011, 25, 1099-1112.   | 4.1 | 97        |
| 24 | The anti-inflammatory and antioxidant effects of bergamot juice extract (Bje) in an experimental model of inflammatory bowel disease. Clinical Nutrition, 2015, 34, 1146-1154.   | 5.0 | 97        |
| 25 | Role of glucocorticoidâ€induced TNF receptor family gene (GITR) in collagenâ€induced arthritis. FASEB Journal, 2005, 19, 1253-1265.  | 0.5 | 94        |
| 26 | Superoxide: a key player in hypertension. FASEB Journal, 2004, 18, 94-101.   | 0.5 | 93        |
| 27 | Docosahexaenoic acid attenuates the early inflammatory response following spinal cord injury in mice: in-vivo and in-vitro studies. Journal of Neuroinflammation, 2014, 11, 6.   | 7.2 | 93        |
| 28 | The role of the peroxisome proliferator-activated receptor-Î± (PPAR-Î±) in the regulation of acute inflammation. Journal of Leukocyte Biology, 2006, 79, 999-1010.   | 3.3 | 91        |
| 29 | TNF-Î± BLOCKAGE IN A MOUSE MODEL OF SCI. Shock, 2008, 29, 32-41.   | 2.1 | 91        |
| 30 | Effect of Aminoguanidine in Ligature-induced Periodontitis in Rats. Journal of Dental Research, 2004, 83, 343-348.   | 5.2 | 90        |
| 31 | A Role for Nitric Oxide-Mediated Peroxynitrite Formation in a Model of Endotoxin-Induced Shock. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 73-81.   | 2.5 | 90        |
| 32 | Noncleavable poly(ADP-ribose) polymerase-1 regulates the inflammation response in mice. Journal of Clinical Investigation, 2004, 114, 1072-1081.   | 8.2 | 90        |
| 33 | Role of endogenous and exogenous ligands for the peroxisome proliferators activated receptors alpha (PPAR-Î±) in the development of inflammatory bowel disease in mice. Laboratory Investigation, 2004, 84, 1643-1654.               | 3.7 | 89        |
| 34 | The cyclopentenone prostaglandin 15-deoxy-Î”12,14 - PGJ2 attenuates the development of colon injury caused by dinitrobenzene sulphonic acid in the rat. British Journal of Pharmacology, 2003, 138, 678-688.                         | 5.4 | 88        |
| 35 | The effects of oleuropein aglycone, an olive oil compound, in a mouse model of carrageenan-induced pleurisy. Clinical Nutrition, 2011, 30, 533-540.  | 5.0 | 86        |
| 36 | Glycogen synthase kinase-3Î² inhibition attenuates the degree of arthritis caused by type II collagen in the mouse. Clinical Immunology, 2006, 120, 57-67.   | 3.2 | 84        |

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|----|--|-----|-----------|
| 37 | Myrtucommulone from <i>Myrtus communis</i> Exhibits Potent Anti-Inflammatory Effectiveness in Vivo. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 76-86.   | 2.5 | 83        |
| 38 | Cyclooxygenases 1 and 2 contribute to peroxynitrite-mediated inflammatory pain hypersensitivity. FASEB Journal, 2008, 22, 3154-3164.   | 0.5 | 81        |
| 39 | Protective Effect of Epigallocatechin-3-Gallate (EGCG) in Diseases with Uncontrolled Immune Activation: Could Such a Scenario Be Helpful to Counteract COVID-19?. International Journal of Molecular Sciences, 2020, 21, 5171. | 4.1 | 81        |
| 40 | Oleuropein Aglycone, an Olive Oil Compound, Ameliorates Development of Arthritis Caused by Injection of Collagen Type II in Mice. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 859-869.                   | 2.5 | 77        |
| 41 | Co-ultramicronized Palmitoylethanolamide/Luteolin in the Treatment of Cerebral Ischemia: from Rodent to Man. Translational Stroke Research, 2016, 7, 54-69.  | 4.2 | 77        |
| 42 | Effect of apocynin, a NADPH oxidase inhibitor, on acute lung inflammation. Biochemical Pharmacology, 2011, 81, 636-648.  | 4.4 | 75        |
| 43 | Green tea polyphenol extract attenuates colon injury induced by experimental colitis. Free Radical Research, 2005, 39, 1017-1025.  | 3.3 | 74        |
| 44 | A new co-ultramicronized composite including palmitoylethanolamide and luteolin to prevent neuroinflammation in spinal cord injury. Journal of Neuroinflammation, 2013, 10, 91.  | 7.2 | 74        |
| 45 | Inducible Nitric Oxide Synthase Mediates Bone Loss in Ovariectomized Mice. Endocrinology, 2003, 144, 1098-1107.  | 2.8 | 71        |
| 46 | The Antioxidant and Anti-Inflammatory Properties of Anacardium occidentale L. Cashew Nuts in a Mouse Model of Colitis. Nutrients, 2020, 12, 834.   | 4.1 | 71        |
| 47 | Absence of endogenous interleukin-10 enhances secondary inflammatory process after spinal cord compression injury in mice. Journal of Neurochemistry, 2009, 108, 1360-1372.  | 3.9 | 70        |
| 48 | Reduction of Renal Ischemia-Reperfusion Injury in 5-Lipoxygenase Knockout Mice and by the 5-Lipoxygenase Inhibitor Zileuton. Molecular Pharmacology, 2004, 66, 220-227.  | 2.3 | 68        |
| 49 | Inflammatory and Cell Death Pathways in Brain and Peripheral Blood in Parkinson's Disease. CNS and Neurological Disorders - Drug Targets, 2015, 14, 313-324.   | 1.4 | 68        |
| 50 | Effects of etanercept, a tumour necrosis factor- $\alpha$ antagonist, in an experimental model of periodontitis in rats. British Journal of Pharmacology, 2007, 150, 286-297.  | 5.4 | 67        |
| 51 | The effects of a polyphenol present in olive oil, oleuropein aglycone, in an experimental model of spinal cord injury in mice. Biochemical Pharmacology, 2012, 83, 1413-1426.  | 4.4 | 67        |
| 52 | Erythropoietin reduces the development of nonseptic shock induced by zymosan in mice*. Critical Care Medicine, 2006, 34, 1168-1177.  | 0.9 | 66        |
| 53 | Protective effect of Arbutus unedo aqueous extract in carrageenan-induced lung inflammation in mice. Pharmacological Research, 2008, 57, 110-124.  | 7.1 | 66        |
| 54 | Glycogen Synthase Kinase-3 $\beta$ Inhibition Reduces Secondary Damage in Experimental Spinal Cord Trauma. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 79-89.  | 2.5 | 65        |

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|----|--|-----|-----------|
| 55 | Inhibition of the nuclear factor- $\kappa$ B activation with pyrrolidine dithiocarbamate attenuating inflammation and oxidative stress after experimental spinal cord trauma in rats. <i>Journal of Neurosurgery: Spine</i> , 2004, 1, 311-321.  | 1.7 | 64        |
| 56 | Protective effect of orally administered carnosine on bleomycin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1095-L1104.  | 2.9 | 63        |
| 57 | 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.  | 5.1 | 63        |
| 58 | CGS 21680, an Agonist of the Adenosine (A2A) Receptor, Reduces Progression of Murine Type II Collagen-induced Arthritis. <i>Journal of Rheumatology</i> , 2011, 38, 2119-2129.   | 2.0 | 62        |
| 59 | Neuroprotective Effect of Artesunate in Experimental Model of Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 590.  | 2.4 | 62        |
| 60 | Redox modulation of cellular stress response and lipoxin A4 expression by <i>Herichium Erinaceus</i> in rat brain: relevance to Alzheimer's disease pathogenesis. <i>Immunity and Ageing</i> , 2016, 13, 23.   | 4.2 | 61        |
| 61 | The neuroprotective effects of micronized PEA (PEA $\mu$ ) formulation on diabetic peripheral neuropathy in mice. <i>FASEB Journal</i> , 2019, 33, 11364-11380.  | 0.5 | 61        |
| 62 | Inhibition or knock out of Inducible nitric oxide synthase result in resistance to bleomycin-induced lung injury. <i>Respiratory Research</i> , 2005, 6, 58.   | 3.6 | 60        |
| 63 | Effects of combination M40403 and dexamethasone therapy on joint disease in a rat model of collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 1929-1940.  | 6.7 | 59        |
| 64 | Peroxisome Proliferator-Activated Receptor- $\gamma$ Contributes to the Anti-Inflammatory Activity of Glucocorticoids. <i>Molecular Pharmacology</i> , 2008, 73, 323-337.  | 2.3 | 59        |
| 65 | Palmitoylethanolamide and luteolin ameliorate development of arthritis caused by injection of collagen type II in mice. <i>Arthritis Research and Therapy</i> , 2013, 15, R192.  | 3.5 | 59        |
| 66 | 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.  | 1.9 | 59        |
| 67 | Proinflammatory Role of Glucocorticoid-Induced TNF Receptor-Related Gene in Acute Lung Inflammation. <i>Journal of Immunology</i> , 2006, 177, 631-641.  | 0.8 | 58        |
| 68 | 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. | 4.4 | 58        |
| 69 | EFFECT OF 17 $\beta$ -ESTRADIOL ON SIGNAL TRANSDUCTION PATHWAYS AND SECONDARY DAMAGE IN EXPERIMENTAL SPINAL CORD TRAUMA. <i>Shock</i> , 2008, 29, 362-371.   | 2.1 | 58        |
| 70 | Erythropoietin Reduces the Development of Experimental Inflammatory Bowel Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 1272-1280.  | 2.5 | 57        |
| 71 | Rosiglitazone, a ligand of the peroxisome proliferator-activated receptor- $\gamma$ , reduces acute pancreatitis induced by cerulein. <i>Intensive Care Medicine</i> , 2004, 30, 951-956.  | 8.2 | 57        |
| 72 | Administration of carnosine in the treatment of acute spinal cord injury. <i>Biochemical Pharmacology</i> , 2011, 82, 1478-1489.   | 4.4 | 57        |

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|----|---|-----|-----------|
| 73 | Redox modulation of cellular stress response and lipoxin A4 expression by <i>Coriolus versicolor</i> in rat brain: Relevance to Alzheimer's disease pathogenesis. <i>NeuroToxicology</i> , 2016, 53, 350-358.                     | 3.0 | 57        |
| 74 | Pyrrolidine Dithiocarbamate Reduces the Severity of Cerulein-Induced Murine Acute Pancreatitis. <i>Shock</i> , 2003, 20, 544-550.   | 2.1 | 56        |
| 75 | Effects of Tempol, a membrane-permeable radical scavenger, in a rodent model periodontitis. <i>Journal of Clinical Periodontology</i> , 2005, 32, 1062-1068.  | 4.9 | 56        |
| 76 | Glycogen synthase kinase-3 $\beta$ inhibition attenuates the development of ischaemia/reperfusion injury of the gut. <i>Intensive Care Medicine</i> , 2007, 33, 880-893.  | 8.2 | 56        |
| 77 | Osteoporosis and alzheimer pathology: Role of cellular stress response and hormetic redox signaling in aging and bone remodeling. <i>Frontiers in Pharmacology</i> , 2014, 5, 120.  | 3.5 | 56        |
| 78 | 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.                 | 4.1 | 56        |
| 79 | 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.   | 5.1 | 56        |
| 80 | Beneficial effects of GW274150, a novel, potent and selective inhibitor of iNOS activity, in a rodent model of collagen-induced arthritis. <i>European Journal of Pharmacology</i> , 2002, 453, 119-129.                          | 3.5 | 55        |
| 81 | Reduction of the multiple organ injury and dysfunction caused by endotoxemia in 5-lipoxygenase knockout mice and by the 5-lipoxygenase inhibitor zileuton. <i>Journal of Leukocyte Biology</i> , 2004, 76, 961-970.               | 3.3 | 55        |
| 82 | 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. | 3.5 | 55        |
| 83 | Treatment With a Flavonoid-Rich Fraction of Bergamot Juice Improved Lipopolysaccharide-Induced Periodontitis in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 1563.   | 3.5 | 55        |
| 84 | Consumption of <i>Anacardium occidentale</i> L. (Cashew Nuts) Inhibits Oxidative Stress through Modulation of the Nrf2/HO $\alpha$ <sup>1</sup> and NF- $\kappa$ B Pathways. <i>Molecules</i> , 2020, 25, 4426.                   | 3.8 | 55        |
| 85 | Erythropoietin reduces the degree of arthritis caused by type II collagen in the mouse. <i>Arthritis and Rheumatism</i> , 2005, 52, 940-950.  | 6.7 | 54        |
| 86 | Costunolide and Dehydrocostuslactone, two natural sesquiterpene lactones, ameliorate the inflammatory process associated to experimental pleurisy in mice. <i>European Journal of Pharmacology</i> , 2014, 730, 107-115.          | 3.5 | 54        |
| 87 | 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.   | 3.4 | 54        |
| 88 | Palmitoylethanolamide and Polydatin combination reduces inflammation and oxidative stress in vascular injury. <i>Pharmacological Research</i> , 2017, 123, 83-92.   | 7.1 | 54        |
| 89 | 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.         | 4.1 | 54        |
| 90 | Treatment with a novel poly(ADP-ribose) glycohydrolase inhibitor reduces development of septic shock-like syndrome induced by zymosan in mice. <i>Critical Care Medicine</i> , 2004, 32, 1365-1374.                               | 0.9 | 53        |

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|-----|---|-----|-----------|
| 91  | Melatonin Plus Folic Acid Treatment Ameliorates Reserpine-Induced Fibromyalgia: An Evaluation of Pain, Oxidative Stress, and Inflammation. <i>Antioxidants</i> , 2019, 8, 628.  | 5.1 | 53        |
| 92  | 5-Lipoxygenase modulates colitis through the regulation of adhesion molecule expression and neutrophil migration. <i>Laboratory Investigation</i> , 2005, 85, 808-822.  | 3.7 | 52        |
| 93  | The renal injury and inflammation caused by ischemia–reperfusion are reduced by genetic inhibition of TNF- $\alpha$ : A comparison with infliximab treatment. <i>European Journal of Pharmacology</i> , 2013, 700, 134-146. | 3.5 | 52        |
| 94  | Biochemical Evaluation of the Antioxidant Effects of Hydroxytyrosol on Pancreatitis-Associated Gut Injury. <i>Antioxidants</i> , 2020, 9, 781.  | 5.1 | 52        |
| 95  | Formyl Peptide Receptor 1 Signaling in Acute Inflammation and Neural Differentiation Induced by Traumatic Brain Injury. <i>Biology</i> , 2020, 9, 238.  | 2.8 | 52        |
| 96  | Rosiglitazone, a ligand of the peroxisome proliferator-activated receptor- $\gamma$ , reduces the development of nonseptic shock induced by zymosan in mice*. <i>Critical Care Medicine</i> , 2004, 32, 457-466.            | 0.9 | 51        |
| 97  | Predictivity and sensitivity of animal models of arthritis. <i>Autoimmunity Reviews</i> , 2008, 8, 73-75.   | 5.8 | 51        |
| 98  | Hydrogen sulfide-releasing cyclooxygenase inhibitor ATB-346 enhances motor function and reduces cortical lesion volume following traumatic brain injury in mice. <i>Journal of Neuroinflammation</i> , 2014, 11, 196.       | 7.2 | 51        |
| 99  | Anti-inflammatory effect of ATB-352, a H <sub>2</sub> S $\alpha$ -releasing ketoprofen derivative, on lipopolysaccharide-induced periodontitis in rats. <i>Pharmacological Research</i> , 2018, 132, 220-231.               | 7.1 | 51        |
| 100 | PARG activity mediates intestinal injury induced by splanchnic artery occlusion and reperfusion. <i>FASEB Journal</i> , 2005, 19, 558-566.  | 0.5 | 50        |
| 101 | Inhibition of glycogen synthase kinase-3 $\beta$ attenuates the development of carrageenan-induced lung injury in mice. <i>British Journal of Pharmacology</i> , 2006, 149, 687-702.  | 5.4 | 50        |
| 102 | Therapeutic potential of dinitrobenzene sulfonic acid (DNBS)-induced colitis in mice by targeting IL-1 $\beta$ and IL-18. <i>Biochemical Pharmacology</i> , 2018, 155, 150-161.   | 4.4 | 50        |
| 103 | Role of endogenous ligands for the peroxisome proliferators activated receptors alpha in the secondary damage in experimental spinal cord trauma. <i>Experimental Neurology</i> , 2005, 194, 267-278.                       | 4.1 | 49        |
| 104 | Effects of palmitoylethanolamide on intestinal injury and inflammation caused by ischemia-reperfusion in mice. <i>Journal of Leukocyte Biology</i> , 2012, 91, 911-920.   | 3.3 | 49        |
| 105 | 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. | 6.4 | 49        |
| 106 | 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.   | 0.5 | 49        |
| 107 | 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.              | 2.8 | 49        |
| 108 | Green tea polyphenol extract attenuates lung injury in experimental model of carrageenan-induced pleurisy in mice. <i>Respiratory Research</i> , 2005, 6, 66.   | 3.6 | 48        |



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|-----|--|-----|-----------|
| 109 | Effect of PEA-OXA on neuropathic pain and functional recovery after sciatic nerve crush. <i>Journal of Neuroinflammation</i> , 2018, 15, 264.  | 7.2 | 48        |
| 110 | Effects of a new compound containing Palmitoylethanolamide and Baicalein in myocardial ischaemia/reperfusion injury in vivo. <i>Phytomedicine</i> , 2019, 54, 27-42.   | 5.3 | 48        |
| 111 | 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.  | 1.8 | 48        |
| 112 | CGS 21680, an agonist of the adenosine (A2A) receptor, decreases acute lung inflammation. <i>European Journal of Pharmacology</i> , 2011, 668, 305-316.  | 3.5 | 47        |
| 113 | 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.         | 3.5 | 47        |
| 114 | Involvement of TLR4 and PPAR- $\delta$ Receptors in Host Response and NLRP3 Inflammasome Activation, Against Pulmonary Infection With <i>Pseudomonas Aeruginosa</i> . <i>Shock</i> , 2019, 51, 221-227.                | 2.1 | 47        |
| 115 | Effects of a polyphenol present in olive oil, oleuropein aglycone, in a murine model of intestinal ischemia/reperfusion injury. <i>Journal of Leukocyte Biology</i> , 2013, 93, 277-287.                               | 3.3 | 46        |
| 116 | Role of Toll like receptor 4 signaling pathway in the secondary damage induced by experimental spinal cord injury. <i>Immunobiology</i> , 2015, 220, 1039-1049.  | 1.9 | 46        |
| 117 | Ultramicronized palmitoylethanolamide (PEA-um $\hat{\text{A}}^{\circ}$ ) in the treatment of idiopathic pulmonary fibrosis. <i>Pharmacological Research</i> , 2016, 111, 405-412.                                      | 7.1 | 46        |
| 118 | 2-Pentadecyl-2-Oxazoline Reduces Neuroinflammatory Environment in the MPTP Model of Parkinson Disease. <i>Molecular Neurobiology</i> , 2018, 55, 9251-9266.  | 4.0 | 46        |
| 119 | Adelmidrol: A New Promising Antioxidant and Anti-Inflammatory Therapeutic Tool in Pulmonary Fibrosis. <i>Antioxidants</i> , 2020, 9, 601.  | 5.1 | 46        |
| 120 | Calpain I inhibitor ameliorates the indices of disease severity in a murine model of cerulein-induced acute pancreatitis. <i>Intensive Care Medicine</i> , 2004, 30, 1645-1651.  | 8.2 | 45        |
| 121 | Effects of combination of melatonin and dexamethasone on secondary injury in an experimental mice model of spinal cord trauma. <i>Journal of Pineal Research</i> , 2007, 43, 140-153.                                  | 7.4 | 45        |
| 122 | PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR- $\delta$ MODULATES THE ANTI-INFLAMMATORY EFFECT OF GLUCOCORTICOIDS IN A MODEL OF INFLAMMATORY BOWEL DISEASE IN MICE. <i>Shock</i> , 2009, 31, 308-316.                     | 2.1 | 45        |
| 123 | Evidence for the Role of Mitogen-Activated Protein Kinase Signaling Pathways in the Development of Spinal Cord Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 100-114.              | 2.5 | 44        |
| 124 | Protective Effects of Ultramicronized Palmitoylethanolamide (PEA-um) in Myocardial Ischaemia and Reperfusion Injury in VIVO. <i>Shock</i> , 2016, 46, 202-213.   | 2.1 | 44        |
| 125 | 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.                       | 5.1 | 44        |
| 126 | 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. | 4.1 | 44        |



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|-----|--|-----|-----------|
| 127 | 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. | 1.4 | 44        |
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