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List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,049
citations

430874

18
h-index

454955

30
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43
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docs citations

43
times ranked

1574
citing authors

#	ARTICLE	IF	CITATIONS
1	The NLRP3 Inflammasome and Its Role in Sepsis Development. <i>Inflammation</i> , 2020, 43, 24-31.	3.8	155
2	Brain Barrier Breakdown as a Cause and Consequence of Neuroinflammation in Sepsis. <i>Molecular Neurobiology</i> , 2018, 55, 1045-1053.	4.0	140
3	Neuroinflammation: Microglial Activation During Sepsis. <i>Current Neurovascular Research</i> , 2014, 11, 262-270.	1.1	55
4	Dimethyl Fumarate Modulates Oxidative Stress and Inflammation in Organs After Sepsis in Rats. <i>Inflammation</i> , 2018, 41, 315-327.	3.8	50
5	Alpha-Lipoic Acid Attenuates Oxidative Damage in Organs After Sepsis. <i>Inflammation</i> , 2016, 39, 357-365.	3.8	47
6	Alpha-lipoic acid attenuates acute neuroinflammation and long-term cognitive impairment after polymicrobial sepsis. <i>Neurochemistry International</i> , 2017, 108, 436-447.	3.8	41
7	Dimethyl Fumarate Limits Neuroinflammation and Oxidative Stress and Improves Cognitive Impairment After Polymicrobial Sepsis. <i>Neurotoxicity Research</i> , 2018, 34, 418-430.	2.7	37
8	Vitamin B6 Reduces Neurochemical and Long-Term Cognitive Alterations After Polymicrobial Sepsis: Involvement of the Kynurenine Pathway Modulation. <i>Molecular Neurobiology</i> , 2018, 55, 5255-5268.	4.0	36
9	Anti-inflammatory and antioxidant activities of aqueous extract of <i>Cecropia glaziovii</i> leaves. <i>Journal of Ethnopharmacology</i> , 2016, 185, 255-262.	4.1	32
10	Anti-inflammatory and antioxidant properties of hydroalcoholic crude extract from <i>Casearia sylvestris</i> Sw. (Salicaceae). <i>Journal of Ethnopharmacology</i> , 2013, 147, 612-617.	4.1	28
11	Gastrin-Releasing Peptide as a Molecular Target for Inflammatory Diseases: An Update. <i>Inflammation and Allergy: Drug Targets</i> , 2013, 12, 172-177.	1.8	26
12	Fish oil-rich lipid emulsion modulates neuroinflammation and prevents long-term cognitive dysfunction after sepsis. <i>Nutrition</i> , 2020, 70, 110417.	2.4	23
13	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2014, 163, 503-513.	5.0	21
14	LC/QTOF profile and preliminary stability studies of an enriched flavonoid fraction of <i>Cecropia pachystachya</i> Trácul leaves with potential antidepressant-like activity. <i>Biomedical Chromatography</i> , 2017, 31, e3982.	1.7	21
15	Stanniocalcin-1 ameliorates cerebral ischemia by decrease oxidative stress and blood brain barrier permeability. <i>Microvascular Research</i> , 2020, 128, 103956.	2.5	21
16	Diphenyl diselenide attenuates oxidative stress and inflammatory parameters in ulcerative colitis: A comparison with ebselen. <i>Pathology Research and Practice</i> , 2016, 212, 755-760.	2.3	19
17	Effects of Far-Infrared Emitting Ceramic Materials on Recovery During 2-Week Preseason of Elite Futsal Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 235-248.	2.1	19
18	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. <i>Neurotoxicity Research</i> , 2021, 39, 119-132.	2.7	19

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19	Manual Therapy Reduces Pain Behavior and Oxidative Stress in a Murine Model of Complex Regional Pain Syndrome Type I. <i>Brain Sciences</i> , 2019, 9, 197.	2.3	18
20	Oxidative stress in the choroid plexus contributes to blood–cerebrospinal fluid barrier disruption during sepsis development. <i>Microvascular Research</i> , 2019, 123, 19-24.	2.5	18
21	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. <i>Molecular Neurobiology</i> , 2020, 57, 5247-5262.	4.0	18
22	Vitamin B6 reduces oxidative stress in lungs and liver in experimental sepsis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20190434.	0.8	18
23	Obesity Exacerbates Sepsis-Induced Oxidative Damage in Organs. <i>Inflammation</i> , 2016, 39, 2062-2071.	3.8	16
24	Effects of omega-3 on behavioral and biochemical parameters in rats submitted to chronic mild stress. <i>Metabolic Brain Disease</i> , 2014, 29, 691-699.	2.9	15
25	Ketamine Exhibits Different Neuroanatomical Profile After Mammalian Target of Rapamycin Inhibition in the Prefrontal Cortex: the Role of Inflammation and Oxidative Stress. <i>Molecular Neurobiology</i> , 2017, 54, 5335-5346.	4.0	15
26	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. <i>Journal of Neural Transmission</i> , 2015, 122, 643-651.	2.8	14
27	Mechanism of synergistic action on behavior, oxidative stress and inflammation following co-treatment with ketamine and different antidepressant classes. <i>Pharmacological Reports</i> , 2017, 69, 1094-1102.	3.3	14
28	Effects of Organoselenium Compounds on Early and Late Brain Biochemical Alterations in Sepsis-Survivor Rats. <i>Neurotoxicity Research</i> , 2014, 26, 382-391.	2.7	13
29	Ebselen Attenuates Lung Injury in Experimental Model of Carrageenan-Induced Pleurisy in Rats. <i>Inflammation</i> , 2015, 38, 1394-1400.	3.8	13
30	Cellulose acetate butyrate/poly(caprolactone) blends: Miscibility, mechanical properties, and in vivo inflammatory response. <i>Journal of Biomaterials Applications</i> , 2014, 29, 654-661.	2.4	11
31	Aging influences in the blood-brain barrier permeability and cerebral oxidative stress in sepsis. <i>Experimental Gerontology</i> , 2020, 140, 111063.	2.8	11
32	Preoperative vitamin C supplementation improves colorectal anastomotic healing and biochemical parameters in malnourished rats. <i>International Journal of Colorectal Disease</i> , 2016, 31, 1759-1766.	2.2	10
33	Lipoic Acid and Fish Oil Combination Potentiates Neuroinflammation and Oxidative Stress Regulation and Prevents Cognitive Decline of Rats After Sepsis. <i>Molecular Neurobiology</i> , 2020, 57, 4451-4466.	4.0	9
34	NLRP3 inflammasome activation increases brain oxidative stress after transient global cerebral ischemia in rats. <i>International Journal of Neuroscience</i> , 2023, 133, 375-388.	1.6	9
35	Early life neuroimmune challenge protects the brain after sepsis in adult rats. <i>Neurochemistry International</i> , 2020, 135, 104712.	3.8	8
36	Evidence of oxidative stress in brain and liver of young rats submitted to experimental galactosemia. <i>Metabolic Brain Disease</i> , 2016, 31, 1381-1390.	2.9	7

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37	Diabetes Exacerbates Sepsis-Induced Neuroinflammation and Brain Mitochondrial Dysfunction. <i>Inflammation</i> , 2022, 45, 2352-2367.	3.8	7
38	Increased on oxidative brain injury in the diabetic rats following sepsis. <i>Synapse</i> , 2014, 68, 410-418.	1.2	6
39	Oxidative stress in multiple organs after sepsis in elderly rats. <i>Experimental Gerontology</i> , 2022, 160, 111705.	2.8	6
40	Antioxidant Effect of Far Infrared Radiation Produced by Bioceramics in Individuals with Intermittent Claudication: A Randomized, Controlled Pilot Study. <i>Alternative Therapies in Health and Medicine</i> , 2019, 25, 34-43.	0.0	2
41	Lung-Brain Crosstalk in Sepsis: Protective Effect of Prophylactic Physical Exercise Against Inflammation and Oxidative Stress in Rats. <i>Molecular Neurobiology</i> , 2022, 59, 3860-3872.	4.0	1
42	Effects of the use of bioceramic wraps in patients with lower limb venous ulcers: A randomized double-blind placebo-controlled trial. <i>Journal of Integrative Medicine</i> , 2020, 18, 26-34.	3.1	0