

Verónica Pérez-de la Cruz

List of Publications by Year in descending order

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236925

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lactate-Loaded Nanoparticles Induce Glioma Cytotoxicity and Increase the Survival of Rats Bearing Malignant Glioma Brain Tumor. <i>Pharmaceutics</i> , 2022, 14, 327.	4.5	6
2	Cellular Localization of Kynurenine 3-Monooxygenase in the Brain: Challenging the Dogma. <i>Antioxidants</i> , 2022, 11, 315.	5.1	7
3	Kinetic and Molecular Docking Studies to Determine the Effect of Inhibitors on the Activity and Structure of Fused G6PD::6PGL Protein from <i>Trichomonas vaginalis</i> . <i>Molecules</i> , 2022, 27, 1174.	3.8	5
4	On the Antioxidant Properties of L-Kynurenine: An Efficient ROS Scavenger and Enhancer of Rat Brain Antioxidant Defense. <i>Antioxidants</i> , 2022, 11, 31.	5.1	13
5	Characterization of Redox Environment and Tryptophan Catabolism through Kynurenine Pathway in Military Divers [™] and Swimmers [™] Serum Samples. <i>Antioxidants</i> , 2022, 11, 1223.	5.1	2
6	Biochemical and Kinetic Characterization of the Glucose-6-Phosphate Dehydrogenase from <i>Helicobacter pylori</i> Strain 29CaP. <i>Microorganisms</i> , 2022, 10, 1359.	3.6	2
7	Subchronic N-acetylcysteine Treatment Decreases Brain Kynurenic Acid Levels and Improves Cognitive Performance in Mice. <i>Antioxidants</i> , 2021, 10, 147.	5.1	14
8	Cognitive Impairment Induced by Lead Exposure during Lifespan: Mechanisms of Lead Neurotoxicity. <i>Toxics</i> , 2021, 9, 23.	3.7	75
9	Herpesvirus encephalitis diagnosed by polymerase chain reaction at the National Institute of Neurology of Mexico. <i>Journal of NeuroVirology</i> , 2021, 27, 397-402.	2.1	0
10	Potential Use of Nitrogen-Doped Carbon Nanotube Sponges as Payload Carriers Against Malignant Glioma. <i>Nanomaterials</i> , 2021, 11, 1244.	4.1	14
11	Redox and Anti-Inflammatory Properties from Hop Components in Beer-Related to Neuroprotection. <i>Nutrients</i> , 2021, 13, 2000.	4.1	23
12	Validation and Selection of New Reference Genes for RT-qPCR Analysis in Pediatric Glioma of Different Grades. <i>Genes</i> , 2021, 12, 1335.	2.4	1
13	Glucose-6-Phosphate Dehydrogenase::6-Phosphogluconolactonase from the Parasite <i>Giardia lamblia</i> . A Molecular and Biochemical Perspective of a Fused Enzyme. <i>Microorganisms</i> , 2021, 9, 1678.	3.6	5
14	Kynurenine Monooxygenase Expression and Activity in Human Astrocytomas. <i>Cells</i> , 2021, 10, 2028.	4.1	7
15	Identification and In Silico Characterization of Novel <i>Helicobacter pylori</i> Glucose-6-Phosphate Dehydrogenase Inhibitors. <i>Molecules</i> , 2021, 26, 4955.	3.8	5
16	Effects of High Dietary Carbohydrate and Lipid Intake on the Lifespan of <i>C. elegans</i> . <i>Cells</i> , 2021, 10, 2359.	4.1	20
17	New Immunotherapeutic Approaches for Glioblastoma. <i>Journal of Immunology Research</i> , 2021, 2021, 1-19.	2.2	7
18	Epicatechin treatment generates resilience to chronic mild stress-induced depression in a murine model through a modulatory effect on KAT. <i>Physiology and Behavior</i> , 2021, 238, 113466.	2.1	7

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19	Quinacrine, an Antimalarial Drug with Strong Activity Inhibiting SARS-CoV-2 Viral Replication In Vitro. <i>Viruses</i> , 2021, 13, 121.	3.3	21
20	Identification of the NADP ⁺ Structural Binding Site and Coenzyme Effect on the Fused G6PD::6PGL Protein from <i>Giardia lamblia</i> . <i>Biomolecules</i> , 2020, 10, 46.	4.0	6
21	Gene Cloning, Recombinant Expression, Characterization, and Molecular Modeling of the Glycolytic Enzyme Triosephosphate Isomerase from <i>Fusarium oxysporum</i> . <i>Microorganisms</i> , 2020, 8, 40.	3.6	5
22	Characterizing the Fused TvG6PD::6PGL Protein from the Protozoan <i>Trichomonas vaginalis</i> , and Effects of the NADP ⁺ Molecule on Enzyme Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4831.	4.1	6
23	Serum Kynurenines Correlate With Depressive Symptoms and Disability in Poststroke Patients: A Cross-sectional Study. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 936-944.	2.9	17
24	Kynurenine Pathway as a New Target of Cognitive Impairment Induced by Lead Toxicity During the Lactation. <i>Scientific Reports</i> , 2020, 10, 3184.	3.3	16
25	<i>Moringa oleifera</i> Extracts and Praziquantel Combination: Bioavailability in Rats and Cysticidal Activity in a Murine Model. <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 251-256.	1.4	1
26	Effects of Single and Double Mutants in Human Glucose-6-Phosphate Dehydrogenase Variants Present in the Mexican Population: Biochemical and Structural Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2732.	4.1	12
27	Molecular Cloning and Exploration of the Biochemical and Functional Analysis of Recombinant Glucose-6-Phosphate Dehydrogenase from <i>Gluconoacetobacter diazotrophicus</i> PAL5. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5279.	4.1	4
28	Malignant Glioma Therapy by Vaccination with Irradiated C6 Cell-Derived Microvesicles Promotes an Antitumoral Immune Response. <i>Molecular Therapy</i> , 2019, 27, 1612-1620.	8.2	23
29	Production and Evaluation of an Avian IgY Immunotoxin against CD133 ⁺ for Treatment of Carcinogenic Stem Cells in Malignant Glioma: IgY Immunotoxin for the Treatment of Glioblastoma. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	1.3	9
30	Low Serum Tryptophan Levels as an Indicator of Global Cognitive Performance in Nondemented Women over 50 Years of Age. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	26
31	Biochemical Characterization and Structural Modeling of Fused Glucose-6-Phosphate Dehydrogenase-Phosphogluconolactonase from <i>Giardia lamblia</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2518.	4.1	11
32	Relevance of Alternative Routes of Kynurenic Acid Production in the Brain. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	43
33	Cloning and biochemical characterization of three glucose-6-phosphate dehydrogenase mutants presents in the Mexican population. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 926-936.	7.5	13
34	Role of Kynurenine Pathway in Glioblastoma. , 2017, , .		1
35	Cytotoxicity induced by carbon nanotubes in experimental malignant glioma. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 6005-6026.	6.7	24
36	3-Hydroxykynurenine and 3-Hydroxyanthranilic Acid Enhance the Toxicity Induced by Copper in Rat Astrocyte Culture. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	28

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37	PAMP-DAMPs interactions mediates development and progression of multiple sclerosis. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 13-28.	2.1	10
38	Role of Redox Status in Development of Glioblastoma. <i>Frontiers in Immunology</i> , 2016, 7, 156.	4.8	108
39	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
40	RB mutation and RAS overexpression induce resistance to NK cell-mediated cytotoxicity in glioma cells. <i>Cancer Cell International</i> , 2015, 15, 57.	4.1	16
41	Alternative kynurenic acid synthesis routes studied in the rat cerebellum. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 178.	3.7	37
42	Redox Status and Aging Link in Neurodegenerative Diseases 2015. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-2.	4.0	3
43	Role of Kynurenine Pathway in Aging. , 2015, , 63-74.		2
44	The Kynurenine Pathway at the Interface Between Neuroinflammation, Oxidative Stress, and Neurochemical Disturbances: Emphasis in Schizophrenia. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015, , 245-268.	0.4	0
45	Redox Status and Aging Link in Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-2.	4.0	2
46	Kynurenines with Neuroactive and Redox Properties: Relevance to Aging and Brain Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-22.	4.0	95
47	Preparation and Characterization of Kynurenic Acid Occluded in Sol-Gel Silica and SBA-15 Silica as Release Reservoirs. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	2.7	6
48	Concomitant treatment with pertussis toxin plus temozolomide increases the survival of rats bearing intracerebral RG2 glioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 291-301.	2.5	15
49	Application of Nanoparticles on Diagnosis and Therapy in Gliomas. <i>BioMed Research International</i> , 2013, 2013, 1-20.	1.9	62
50	Antioxidant properties of xanthenes from <i>Calophyllum brasiliense</i> : prevention of oxidative damage induced by FeSO ₄ . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 262.	3.7	21
51	Initial Immunopathogenesis of Multiple Sclerosis: Innate Immune Response. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-15.	3.3	73
52	Quinolinic Acid: An Endogenous Neurotoxin with Multiple Targets. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-14.	4.0	238
53	Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes. <i>Nutritional Neuroscience</i> , 2012, 15, 13-19.	3.1	25
54	Quinolinic Acid, an Endogenous Molecule Combining Excitotoxicity, Oxidative Stress and Other Toxic Mechanisms. <i>International Journal of Tryptophan Research</i> , 2012, 5, IJTR.S8158.	2.3	119

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55	Selenium-induced antioxidant protection recruits modulation of thioredoxin reductase during excitotoxic/pro-oxidant events in the rat striatum. <i>Neurochemistry International</i> , 2012, 61, 195-206.	3.8	16
56	Enzymatic transamination of L-kynurenine generates kynurenic acid in rat and human brain. <i>Journal of Neurochemistry</i> , 2012, 120, 1026-1035.	3.9	17
57	Early Changes in Oxidative Stress Markers in a Rat Model of Acute Stress: Effect of L-carnitine on the Striatum. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 123-129.	2.5	20
58	Diazepam Blocks Striatal Lipid Peroxidation and Improves Stereotyped Activity in a Rat Model of Acute Stress. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 350-356.	2.5	19
59	Protective effect of L-kynurenine and probenecid on 6-hydroxydopamine-induced striatal toxicity in rats: Implications of modulating kynurenate as a protective strategy. <i>Neurotoxicology and Teratology</i> , 2011, 33, 303-312.	2.4	59
60	3-Nitropropionic Acid as a Tool to Study the Mechanisms Involved in Huntington's Disease: Past, Present and Future. <i>Molecules</i> , 2010, 15, 878-916.	3.8	163
61	Antioxidant strategy to rescue synaptosomes from oxidative damage and energy failure in neurotoxic models in rats: protective role of S-allylcysteine. <i>Journal of Neural Transmission</i> , 2010, 117, 35-44.	2.8	24
62	Huntington's disease and mitochondrial alterations: emphasis on experimental models. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 207-215.	2.3	5
63	Protective Effect of Tert-Butylhydroquinone on the Quinolinic-Acid-Induced Toxicity in Rat Striatal Slices: Role of the Nrf2-Antioxidant Response Element Pathway. <i>NeuroSignals</i> , 2010, 18, 24-31.	0.9	37
64	Time-course correlation of early toxic events in three models of striatal damage: Modulation by proteases inhibition. <i>Neurochemistry International</i> , 2010, 56, 834-842.	3.8	26
65	Protective effect of systemic L-kynurenine and probenecid administration on behavioural and morphological alterations induced by toxic soluble amyloid beta (25-35) in rat hippocampus. <i>Behavioural Brain Research</i> , 2010, 210, 240-250.	2.2	46
66	The natural xanthone Î±-mangostin reduces oxidative damage in rat brain tissue. <i>Nutritional Neuroscience</i> , 2009, 12, 35-42.	3.1	55
67	Early nerve ending rescue from oxidative damage and energy failure by L-carnitine as post-treatment in two neurotoxic models in rat: recovery of antioxidant and reductive capacities. <i>Experimental Brain Research</i> , 2009, 197, 287-296.	1.5	15
68	Targeting oxidative/nitrogenic stress ameliorates motor impairment, and attenuates synaptic mitochondrial dysfunction and lipid peroxidation in two models of Huntington's disease. <i>Behavioural Brain Research</i> , 2009, 199, 210-217.	2.2	37
69	Excitotoxic damage, disrupted energy metabolism, and oxidative stress in the rat brain: antioxidant and neuroprotective effects of L-carnitine. <i>Journal of Neurochemistry</i> , 2008, 105, 677-689.	3.9	108
70	Cytoplasmic calcium mediates oxidative damage in an excitotoxic /energetic deficit synergic model in rats. <i>European Journal of Neuroscience</i> , 2008, 27, 1075-1085.	2.6	31
71	Iron porphyrinate Fe(TPPS) reduces brain cell damage in rats intrastrially lesioned by quinolinate. <i>Neurotoxicology and Teratology</i> , 2008, 30, 510-519.	2.4	7
72	Lipid peroxidation, mitochondrial dysfunction and neurochemical and behavioural deficits in different neurotoxic models: Protective role of S-allylcysteine. <i>Free Radical Research</i> , 2008, 42, 892-902.	3.3	52

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73	Kynurenine Pathway and Disease: An Overview. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 398-410.	1.4	49
74	Protective effect of S-allylcysteine on 3-nitropropionic acid-induced lipid peroxidation and mitochondrial dysfunction in rat brain synaptosomes. <i>Brain Research Bulletin</i> , 2006, 68, 379-383.	3.0	68
75	S-Allylcysteine prevents the rat from 3-nitropropionic acid-induced hyperactivity, early markers of oxidative stress and mitochondrial dysfunction. <i>Neuroscience Research</i> , 2006, 56, 39-44.	1.9	66
76	Selenium reduces the proapoptotic signaling associated to NF- κ B pathway and stimulates glutathione peroxidase activity during excitotoxic damage produced by quinolinate in rat corpus striatum. <i>Synapse</i> , 2005, 58, 258-266.	1.2	28
77	Peroxynitrite decomposition catalyst, iron metalloporphyrin, reduces quinolinate-induced neurotoxicity in rats. <i>Synapse</i> , 2004, 54, 233-238.	1.2	17