

# Soraya L Valles

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,743  
citations

201385

27  
h-index

197535

49  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3608  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Ethanol-induced Oxygen Radical Formation and Lipid Peroxidation in Rat Brain: Effect of Chronic Alcohol Consumption. <i>Journal of Neurochemistry</i> , 1994, 63, 1855-1862.   | 2.1 | 238       |
| 2  | Chronic Ethanol Treatment Enhances Inflammatory Mediators and Cell Death in the Brain and in Astrocytes. <i>Brain Pathology</i> , 2004, 14, 365-371.   | 2.1 | 229       |
| 3  | Involvement of TLR4/Type I IL-1 Receptor Signaling in the Induction of Inflammatory Mediators and Cell Death Induced by Ethanol in Cultured Astrocytes. <i>Journal of Immunology</i> , 2005, 175, 6893-6899.                   | 0.4 | 225       |
| 4  | Ethanol Increases Cytochrome P4502E1 and Induces Oxidative Stress in Astrocytes. <i>Journal of Neurochemistry</i> , 1995, 65, 2561-2570.   | 2.1 | 187       |
| 5  | Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPAR $\gamma$ expression in cultured astrocytes. <i>Brain Research</i> , 2010, 1312, 138-144.                          | 1.1 | 165       |
| 6  | Nanoparticles in Medicine: A Focus on Vascular Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-20.  | 1.9 | 122       |
| 7  | Developmental pattern of GFAP and vimentin gene expression in rat brain and in radial glial cultures. <i>Glia</i> , 1995, 15, 157-166.   | 2.5 | 120       |
| 8  | Ethanol Exposure Affects Glial Fibrillary Acidic Protein Gene Expression and Transcription During Rat Brain Development. <i>Journal of Neurochemistry</i> , 1997, 69, 2484-2493.   | 2.1 | 107       |
| 9  | Ethanol-induced iNOS and COX-2 expression in cultured astrocytes via NF- $\kappa$ B. <i>NeuroReport</i> , 2004, 15, 681-685.   | 0.6 | 90        |
| 10 | Ceramide pathways modulate ethanol-induced cell death in astrocytes. <i>Journal of Neurochemistry</i> , 2003, 87, 1535-1545.   | 2.1 | 77        |
| 11 | Oestradiol or genistein rescues neurons from amyloid beta-induced cell death by inhibiting activation of p38. <i>Aging Cell</i> , 2008, 7, 112-118.  | 3.0 | 75        |
| 12 | Glial Fibrillary Acidic Protein Expression in Rat Brain and in Radial Glia Culture Is Delayed by Prenatal Ethanol Exposure. <i>Journal of Neurochemistry</i> , 1996, 67, 2425-2433.  | 2.1 | 74        |
| 13 | Prenatal exposure to ethanol induces changes in the nerve growth factor and its receptor in proliferating astrocytes in primary culture. <i>Brain Research</i> , 1994, 656, 281-286.   | 1.1 | 68        |
| 14 | Astrocytes Protect Neurons from A $\beta$ <sub>1-42</sub> Peptide-Induced Neurotoxicity Increasing TFAM and PGC-1 and Decreasing PPAR $\gamma$ and SIRT-1. <i>International Journal of Medical Sciences</i> , 2015, 12, 48-56. | 1.1 | 68        |
| 15 | RhoA and lysophosphatidic acid are involved in the actin cytoskeleton reorganization of astrocytes exposed to ethanol. <i>Journal of Neuroscience Research</i> , 2003, 72, 487-502.  | 1.3 | 64        |
| 16 | Oxidative Stress, Neuroinflammation and Mitochondria in the Pathophysiology of Amyotrophic Lateral Sclerosis. <i>Antioxidants</i> , 2020, 9, 901.  | 2.2 | 63        |
| 17 | Chronic Ethanol Consumption Enhances Interleukin-1-Mediated Signal Transduction in Rat Liver and in Cultured Hepatocytes. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 1979-1986.                         | 1.4 | 58        |
| 18 | Stress hormones promote growth of B16-F10 melanoma metastases: an interleukin 6- and glutathione-dependent mechanism. <i>Journal of Translational Medicine</i> , 2013, 11, 72.   | 1.8 | 58        |

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|----|--|-----|-----------|
| 19 | Pterostilbene Decreases the Antioxidant Defenses of Aggressive Cancer Cells <i>in Vivo</i> : A Physiological Glucocorticoids- and Nrf2-Dependent Mechanism. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 974-990.   | 2.5 | 54        |
| 20 | WIN 55,212-2, Agonist of Cannabinoid Receptors, Prevents Amyloid $\beta$ 1-42 Effects on Astrocytes in Primary Culture. <i>PLoS ONE</i> , 2015, 10, e0122843.  | 1.1 | 48        |
| 21 | The Link between Oxidative Stress, Redox Status, Bioenergetics and Mitochondria in the Pathophysiology of ALS. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6352.  | 1.8 | 47        |
| 22 | Mitochondrial Oxidant Signalling in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 175-181.  | 1.2 | 43        |
| 23 | Free [NADH]/[NAD <sup>+</sup> ] regulates sirtuin expression. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 24-29.   | 1.4 | 43        |
| 24 | Alcohol exposure during brain development reduces 3H-MK-801 binding and enhances metabotropic-glutamate receptor-stimulated phosphoinositide hydrolysis in rat hippocampus. <i>Life Sciences</i> , 1995, 56, 1373-1383.  | 2.0 | 42        |
| 25 | Function of Glia in Aging and the Brain Diseases. <i>International Journal of Medical Sciences</i> , 2019, 16, 1473-1479.  | 1.1 | 34        |
| 26 | Effect of Gender on Mitochondrial Toxicity of Alzheimer's A $\beta$ 1-42 Peptide. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1677-1690.  | 2.5 | 32        |
| 27 | Sugammadex, a Neuromuscular Blockade Reversal Agent, Causes Neuronal Apoptosis in Primary Cultures. <i>International Journal of Medical Sciences</i> , 2013, 10, 1278-1285.  | 1.1 | 29        |
| 28 | Molecular repair mechanisms using the Intratissue Percutaneous Electrolysis technique in patellar tendonitis. <i>Revista Espa ola De Cirug a Ortop dica Y Traumatolog a</i> , 2014, 58, 201-205.   | 0.1 | 25        |
| 29 | Changes in Chemokines and Chemokine Receptors Expression in a Mouse Model of Alzheimer's Disease. <i>International Journal of Biological Sciences</i> , 2019, 15, 453-463.   | 2.6 | 25        |
| 30 | Glucocorticoid Receptor Knockdown Decreases the Antioxidant Protection of B16 Melanoma Cells: An Endocrine System-Related Mechanism that Compromises Metastatic Cell Resistance to Vascular Endothelium-Induced Tumor Cytotoxicity. <i>PLoS ONE</i> , 2014, 9, e96466. | 1.1 | 24        |
| 31 | An experimental study of muscular injury repair in a mouse model of notexin-induced lesion with EPI  technique. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015, 7, 7.   | 0.7 | 24        |
| 32 | Nicotinamide Riboside and Pterostilbene Cooperatively Delay Motor Neuron Failure in ALS SOD1G93A Mice. <i>Molecular Neurobiology</i> , 2021, 58, 1345-1371.  | 1.9 | 24        |
| 33 | Action of low doses of Aspirin in Inflammation and Oxidative Stress induced by $\beta$ 1-42 on Astrocytes in primary culture. <i>International Journal of Medical Sciences</i> , 2020, 17, 834-843.  | 1.1 | 23        |
| 34 | Effects of Ranolazine on Astrocytes and Neurons in Primary Culture. <i>PLoS ONE</i> , 2016, 11, e0150619.  | 1.1 | 19        |
| 35 | Can mild cognitive impairment be stabilized by showering brain mitochondria with laser photons?. <i>Neuropharmacology</i> , 2020, 171, 107841.   | 2.0 | 16        |
| 36 | Recruitment of a Heparan Sulfate Subunit to the Interleukin-1 Receptor Complex. <i>Journal of Biological Chemistry</i> , 1999, 274, 20103-20109.   | 1.6 | 14        |

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|----|--|-----|-----------|
| 37 | <i>Bifidobacterium pseudocatenulatum</i> CECT 7765 supplementation restores altered vascular function in an experimental model of obese mice. <i>International Journal of Medical Sciences</i> , 2017, 14, 444-451.      | 1.1 | 14        |
| 38 | Protective Effects of Foam Rolling against Inflammation and Notexin Induced Muscle Damage in Rats. <i>International Journal of Medical Sciences</i> , 2020, 17, 71-81.   | 1.1 | 14        |
| 39 | The Role of Chemokines in Alzheimer's Disease. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1383-1390.  | 0.6 | 13        |
| 40 | Neuronal Effects of Sugammadex in combination with Rocuronium or Vecuronium. <i>International Journal of Medical Sciences</i> , 2017, 14, 224-230.   | 1.1 | 7         |
| 41 | TRANSLOCATION OF THE IL-1 RECEPTOR TO FOCAL ADHESIONS IS REGULATED THROUGH THE C-TERMINAL END OF THE CYTOPLASMIC DOMAIN. <i>Cell Biology International</i> , 2001, 25, 309-317.  | 1.4 | 6         |
| 42 | Chronic exercise impairs nitric oxide pathway in rabbit carotid and femoral arteries. <i>Journal of Physiology</i> , 2018, 596, 4361-4374.   | 1.3 | 6         |
| 43 | Inflammatory Chemokines Expression Variations and Their Receptors in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1051-1060.  | 1.2 | 6         |
| 44 | Glucocorticoid receptor antagonism overcomes resistance to BRAF inhibition in BRAF-mutated metastatic melanoma. <i>American Journal of Cancer Research</i> , 2019, 9, 2580-2598.   | 1.4 | 6         |
| 45 | Relaxant and antiadrenergic effects of ranolazine in human saphenous vein. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 277-285.   | 0.6 | 5         |
| 46 | Astrocytes and Inflammatory Processes in Alzheimer's Disease. , 2020, , .  |     | 4         |
| 47 | PDGF Enhancement of IL-1 Receptor Levels in Smooth Muscle Cells Involves Induction of an Attachment-Regulated, Heparan Sulfate Binding Site (IL-1RIII). <i>Laboratory Investigation</i> , 2002, 82, 855-862.             | 1.7 | 3         |
| 48 | PPAR $\delta$ as an indicator of vascular function in an experimental model of metabolic syndrome in rabbits. <i>Atherosclerosis</i> , 2021, 332, 16-23.   | 0.4 | 2         |
| 49 | Abstract 2810: Pterostilbene, a natural phytoalexin, weakens the antioxidant defenses of aggressive cancer cells in vivo: a pituitary gland- and Nrf2-dependent mechanism. <i>Cancer Research</i> , 2016, 76, 2810-2810. | 0.4 | 1         |
| 50 | Deleterious effects of levamisole, a cocaine adulterant, in rabbit aorta. <i>Vascular Pharmacology</i> , 2022, 144, 106992.  | 1.0 | 1         |
| 51 | Glia, Next Research Brain Frontier. <i>Biochemistry &amp; Physiology</i> , 2013, 02, .   | 0.2 | 0         |
| 52 | Abstract 2427: The stress response controls the interorgan glutathione/interleukin-6 cycling activity: A systemic signaling mechanism promoting metastases growth.. , 2012, , .  |     | 0         |
| 53 | Material multimedia para aumentar el rendimiento acad mico de los trabajos en grupo.. , 0, , .   |     | 0         |