

Cathy W Levenson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

1,990
citations

27
h-index

41
g-index

77
ext. papers

2,224
ext. citations

4.6
avg, IF

5.06
L-index

| # | Paper | IF | Citations |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Repetitive Mild Traumatic Brain Injury in a Perinatal Nicotine Exposure Mouse Model of Attention Deficit Hyperactivity Disorder. <i>Developmental Neuroscience</i> , 2021 , 43, 63-72 | 2.2 | 1 |
| 72 | The Relationship between Protein Intake and Source on Factors Associated with Glycemic Control in Individuals with Prediabetes and Type 2 Diabetes. <i>Nutrients</i> , 2020 , 12, | 6.7 | 2 |
| 71 | Nutritional Supplementation Concurrent with Nutrition Education Accelerates the Wound Healing Process in Patients with Diabetic Foot Ulcers. <i>Biomedicines</i> , 2020 , 8, | 4.8 | 5 |
| 70 | Zinc and Traumatic Brain Injury: From Chelation to Supplementation. <i>Medical Sciences (Basel, Switzerland)</i> , 2020 , 8, | 3.3 | 4 |
| 69 | Use of MRI, metabolomic, and genomic biomarkers to identify mechanisms of chemoresistance in glioma. 2019 , 2, 862-876 | | |
| 68 | Variability and uncertainty in the rodent controlled cortical impact model of traumatic brain injury. <i>Journal of Neuroscience Methods</i> , 2019 , 312, 37-42 | 3 | 2 |
| 67 | Nutritional Care for Patients With Esophageal Cancer. <i>Topics in Clinical Nutrition</i> , 2019 , 34, 2-13 | 0.4 | 1 |
| 66 | Selective Uptake Into Drug Resistant Mammalian Cancer by Cell Penetrating Peptide-Mediated Delivery. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3273-3284 | 6.3 | 16 |
| 65 | Human Mesenchymal Stem Cell Treatment Normalizes Cortical Gene Expression after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 204-212 | 5.4 | 10 |
| 64 | Neurotoxicity of Zinc. <i>Advances in Neurobiology</i> , 2017 , 18, 303-312 | 2.1 | 27 |
| 63 | Effect of zinc supplementation on neuronal precursor proliferation in the rat hippocampus after traumatic brain injury. <i>Experimental Neurology</i> , 2016 , 279, 96-103 | 5.7 | 18 |
| 62 | Use of human mesenchymal stem cell treatment to prevent anhedonia in a rat model of traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , 2016 , 34, 433-41 | 2.8 | 15 |
| 61 | Zinc deficiency induces apoptosis via mitochondrial p53- and caspase-dependent pathways in human neuronal precursor cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 30, 59-65 | 4.1 | 33 |
| 60 | A gold nanoparticle pentapeptide: gene fusion to induce therapeutic gene expression in mesenchymal stem cells. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14763-71 | 16.4 | 37 |
| 59 | Zinc regulation of transcriptional activity during retinoic acid-induced neuronal differentiation. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1940-4 | 6.3 | 15 |
| 58 | Integrated and passive 1,2,3-triazolyl groups in fluorescent indicators for zinc(II) ions: thermodynamic and kinetic evaluations. <i>Inorganic Chemistry</i> , 2013 , 52, 5838-50 | 5.1 | 62 |
| 57 | Zinc deficiency regulates hippocampal gene expression and impairs neuronal differentiation. <i>Nutritional Neuroscience</i> , 2013 , 16, 174-82 | 3.6 | 32 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|
| 56 | Zinc in traumatic brain injury: from neuroprotection to neurotoxicity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 708-11 | 3.8 | 17 |
| 55 | Zinc supplementation normalizes gene expression and enhances neurogenesis in a rat model of traumatic brain injury. <i>FASEB Journal</i> , 2013 , 27, 234.1 | 0.9 | |
| 54 | Improving treatments and outcomes: an emerging role for zinc in traumatic brain injury. <i>Nutrition Reviews</i> , 2012 , 70, 410-3 | 6.4 | 23 |
| 53 | Ion channels and zinc: mechanisms of neurotoxicity and neurodegeneration. <i>Journal of Toxicology</i> , 2012 , 2012, 785647 | 3.1 | 39 |
| 52 | In vivo magnetic resonance imaging of sodium and diffusion in rat glioma at 21.1 T. <i>Magnetic Resonance in Medicine</i> , 2012 , 67, 1159-66 | 4.4 | 29 |
| 51 | Zinc in the central nervous system: From molecules to behavior. <i>BioFactors</i> , 2012 , 38, 186-93 | 6.1 | 106 |
| 50 | Use of zinc as a treatment for traumatic brain injury in the rat: effects on cognitive and behavioral outcomes. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 907-13 | 4.7 | 42 |
| 49 | Zinc deficiency regulates TGF-beta signaling, nuclear receptor activity, and neuronal differentiation in human neuronal precursor cells. <i>FASEB Journal</i> , 2012 , 26, 255.3 | 0.9 | |
| 48 | Balance between fluorescence enhancement and association affinity in fluorescent heteroditopic indicators for imaging zinc ion in living cells. <i>Inorganic Chemistry</i> , 2011 , 50, 10493-504 | 5.1 | 24 |
| 47 | Zinc supplementation provides behavioral resiliency in a rat model of traumatic brain injury. <i>Physiology and Behavior</i> , 2011 , 104, 942-7 | 3.5 | 49 |
| 46 | Zinc and neurogenesis: making new neurons from development to adulthood. <i>Advances in Nutrition</i> , 2011 , 2, 96-100 | 10 | 87 |
| 45 | Role of zinc in the development and treatment of mood disorders. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010 , 13, 685-9 | 3.8 | 49 |
| 44 | Chronic caloric restriction reduces tissue damage and improves spatial memory in a rat model of traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2010 , 88, 2933-9 | 4.4 | 39 |
| 43 | Effect of caloric restriction on memory and tissue damage following traumatic brain injury in the rat. <i>FASEB Journal</i> , 2009 , 23, 553.3 | 0.9 | |
| 42 | Nuclear and mitochondrial functions of p53 in zinc deficient human neuronal precursor cells. <i>FASEB Journal</i> , 2009 , 23, 922.8 | 0.9 | |
| 41 | Nutritionally regulated biomarkers for breast cancer. <i>Nutrition Reviews</i> , 2008 , 66, 163-6 | 6.4 | 5 |
| 40 | Gestational vitamin D deficiency: long-term effects on the brain. <i>Nutrition Reviews</i> , 2008 , 66, 726-9 | 6.4 | 34 |
| 39 | Zinc deficiency impairs neuronal precursor cell proliferation and induces apoptosis via p53-mediated mechanisms. <i>Brain Research</i> , 2008 , 1237, 52-61 | 3.7 | 109 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 38 | Zinc deficiency induces depression-like symptoms in adult rats. <i>Physiology and Behavior</i> , 2008 , 95, 365-9 | 3.5 | 96 |
| 37 | Eat less, live longer? New insights into the role of caloric restriction in the brain. <i>Nutrition Reviews</i> , 2007 , 65, 412-5 | 6.4 | 32 |
| 36 | Genistein reduces the production of proinflammatory molecules in human chondrocytes. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 609-14 | 6.3 | 59 |
| 35 | Neuropeptide Y modulates excitatory synaptic transmission in the olfactory bulb. <i>Neuroscience</i> , 2006 , 138, 663-74 | 3.9 | 13 |
| 34 | Zinc: the new antidepressant?. <i>Nutrition Reviews</i> , 2006 , 64, 39-42 | 6.4 | 52 |
| 33 | Too much of a good thing? Update on fish consumption and mercury exposure. <i>Nutrition Reviews</i> , 2006 , 64, 139-45 | 6.4 | 24 |
| 32 | Regulation of the NMDA receptor: implications for neuropsychological development. <i>Nutrition Reviews</i> , 2006 , 64, 428-32 | 6.4 | 11 |
| 31 | Role of zinc in p53-mediated proliferation and apoptosis of human neuronal precursor cells. <i>FASEB Journal</i> , 2006 , 20, A995 | 0.9 | |
| 30 | Trace metal regulation of neuronal apoptosis: from genes to behavior. <i>Physiology and Behavior</i> , 2005 , 86, 399-406 | 3.5 | 57 |
| 29 | Copper alters the conformation and transcriptional activity of the tumor suppressor protein p53 in human Hep G2 cells. <i>Experimental Biology and Medicine</i> , 2005 , 230, 699-708 | 3.7 | 27 |
| 28 | Expression profiling of p53-target genes in copper-mediated neuronal apoptosis. <i>NeuroMolecular Medicine</i> , 2005 , 7, 311-24 | 4.6 | 25 |
| 27 | Zinc supplementation: neuroprotective or neurotoxic?. <i>Nutrition Reviews</i> , 2005 , 63, 122-5 | 6.4 | 18 |
| 26 | Role of dietary iron restriction in a mouse model of Parkinson's disease. <i>Experimental Neurology</i> , 2004 , 190, 506-14 | 5.7 | 51 |
| 25 | Regulation of metabolic rate and substrate utilization by zinc deficiency. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 727-32 | 12.7 | 23 |
| 24 | Iron and ageing: an introduction to iron regulatory mechanisms. <i>Ageing Research Reviews</i> , 2004 , 3, 251-63 | 6.3 | 61 |
| 23 | Effect of retinoic acid on ferritin H expression during brain development and neuronal differentiation. <i>Nutritional Neuroscience</i> , 2003 , 6, 39-45 | 3.6 | 15 |
| 22 | Zinc regulation of food intake: new insights on the role of neuropeptide Y. <i>Nutrition Reviews</i> , 2003 , 61, 247-9 | 6.4 | 31 |
| 21 | Iron and Parkinson's disease: chelators to the rescue?. <i>Nutrition Reviews</i> , 2003 , 61, 311-3 | 6.4 | 34 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 20 | Regulation of neuropeptide Y in the rat amygdala following unilateral olfactory bulbectomy. <i>Brain Research</i> , 2002 , 951, 69-76 | 3.7 | 18 |
| 19 | Zinc inhibits the nuclear translocation of the tumor suppressor protein p53 and protects cultured human neurons from copper-induced neurotoxicity. <i>NeuroMolecular Medicine</i> , 2002 , 1, 171-82 | 4.6 | 27 |
| 18 | Moderate zinc deficiency increases cell death after brain injury in the rat. <i>Nutritional Neuroscience</i> , 2002 , 5, 345-52 | 3.6 | 27 |
| 17 | Tumor suppressor protein p53 mRNA and subcellular localization are altered by changes in cellular copper in human Hep G2 cells. <i>Journal of Nutrition</i> , 2001 , 131, 1427-32 | 4.1 | 47 |
| 16 | Zinc Regulation of Cobalt-Induced Apoptosis in Cultured Human Neurons. <i>Nutritional Neuroscience</i> , 2000 , 3, 425-433 | 3.6 | 5 |
| 15 | Effect of altered thyroid hormone status on rat brain ferritin H and ferritin L mRNA during postnatal development. <i>Developmental Brain Research</i> , 2000 , 119, 105-9 | | 14 |
| 14 | Dopamine transporters participate in the physiological regulation of prolactin. <i>Endocrinology</i> , 2000 , 141, 366-74 | 4.8 | 54 |
| 13 | Licania michauxii Prance root extract induces hsp 70 mRNA and necrotic cell death in cultured human hepatoma and colon carcinoma cell lines. <i>Cancer Letters</i> , 2000 , 149, 61-8 | 9.9 | 24 |
| 12 | Self-selection of copper-containing diets by copper-deficient and overloaded rats. <i>Physiology and Behavior</i> , 2000 , 71, 117-21 | 3.5 | 5 |
| 11 | Abg1 : a novel gene up-regulated by abscisic acid in guard cells of Vicia faba L.. <i>Journal of Experimental Botany</i> , 2000 , 51, 1479-1480 | 7 | |
| 10 | Regulation of mitochondrial cytochrome b mRNA by copper in cultured human hepatoma cells and rat liver. <i>Biological Trace Element Research</i> , 1999 , 70, 149-64 | 4.5 | 3 |
| 9 | Regulation of metallothionein-3 mRNA by thyroid hormone in developing rat brain and primary cultures of rat astrocytes and neurons. <i>Developmental Brain Research</i> , 1999 , 115, 195-200 | | 17 |
| 8 | Developmental regulation of hepatic ceruloplasmin mRNA and serum activity by exogenous thyroxine and dexamethasone. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999 , 221, 27-31 | | 16 |
| 7 | Free zinc increases at the site of injury after cortical stab wounds in mature but not immature rat brain. <i>Neuroscience Letters</i> , 1999 , 277, 75-8 | 3.3 | 24 |
| 6 | Regulation of neuropeptide Y mRNA and peptide concentrations by copper in rat olfactory bulb. <i>Molecular Brain Research</i> , 1999 , 65, 80-6 | | 14 |
| 5 | Response of rat adrenal neuropeptide Y and tyrosine hydroxylase mRNA to acute stress is enhanced by long-term voluntary exercise. <i>Neuroscience Letters</i> , 1998 , 242, 177-9 | 3.3 | 43 |
| 4 | Mechanisms of copper conservation in organs. <i>American Journal of Clinical Nutrition</i> , 1998 , 67, 978S-981S | | 15 |
| 3 | Expression of cysteine-rich intestinal protein in rat intestine and transfected cells is not zinc dependent. <i>Journal of Nutrition</i> , 1994 , 124, 13-7 | 4.1 | 9 |

- 2 Long-term measurement of organ copper turnover in rats by continuous feeding of a stable isotope. *Analytical Biochemistry*, **1994**, 221, 243-9 3.1 40
- 1 Regulation of cysteine-rich intestinal protein by dexamethasone in the neonatal rat. *Proceedings of the National Academy of Sciences of the United States of America*, **1993**, 90, 712-5 11.5 27