

Vanessa A Fitsanakis

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.

33
papers

1,366
citations

20
h-index

34
g-index

34
ext. papers

1,515
ext. citations

4.4
avg, IF

3.99
L-index

#	Paper	IF	Citations
33	Caenorhabditis elegans as a model to assess reproductive and developmental toxicity 2022 , 253-264		
32	Caenorhabditis elegans: an elegant model organism for evaluating the neuroprotective and neurotherapeutic potential of nutraceuticals 2021 , 411-430		0
31	Acute exposure to a glyphosate-containing herbicide formulation inhibits Complex II and increases hydrogen peroxide in the model organism Caenorhabditis elegans. <i>Environmental Toxicology and Pharmacology</i> , 2019 , 66, 36-42	5.8	20
30	Society of Toxicology Develops Learning Framework for Undergraduate Toxicology Courses Following the Vision and Change Core Concepts Model. <i>Toxicological Sciences</i> , 2019 , 170, 20-24	4.4	2
29	Transport of a manganese/zinc ethylene-bis-dithiocarbamate fungicide may involve pre-synaptic dopaminergic transporters. <i>Neurotoxicology and Teratology</i> , 2018 , 68, 66-71	3.9	3
28	Chronic exposure to a glyphosate-containing pesticide leads to mitochondrial dysfunction and increased reactive oxygen species production in Caenorhabditis elegans. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 57, 46-52	5.8	45
27	Caenorhabditis elegans as a Model to Assess Reproductive and Developmental Toxicity 2017 , 303-314		3
26	Exposure of C. elegans eggs to a glyphosate-containing herbicide leads to abnormal neuronal morphology. <i>Neurotoxicology and Teratology</i> , 2016 , 55, 23-31	3.9	19
25	Acute exposure to a Mn/Zn ethylene-bis-dithiocarbamate fungicide leads to mitochondrial dysfunction and increased reactive oxygen species production in Caenorhabditis elegans. <i>NeuroToxicology</i> , 2016 , 57, 112-120	4.4	16
24	Caenorhabditis elegans chronically exposed to a Mn/Zn ethylene-bis-dithiocarbamate fungicide show mitochondrial Complex I inhibition and increased reactive oxygen species. <i>NeuroToxicology</i> , 2016 , 56, 170-179	4.4	18
23	Exposure to glyphosate- and/or Mn/Zn-ethylene-bis-dithiocarbamate-containing pesticides leads to degeneration of GABAergic and dopamine neurons in Caenorhabditis elegans. <i>Neurotoxicity Research</i> , 2012 , 21, 281-90	4.3	59
22	Exposure to Mn/Zn ethylene-bis-dithiocarbamate and glyphosate pesticides leads to neurodegeneration in Caenorhabditis elegans. <i>NeuroToxicology</i> , 2011 , 32, 331-41	4.4	55
21	Changes in dietary iron exacerbate regional brain manganese accumulation as determined by magnetic resonance imaging. <i>Toxicological Sciences</i> , 2011 , 120, 146-53	4.4	77
20	Manganese (Mn) and iron (Fe): interdependency of transport and regulation. <i>Neurotoxicity Research</i> , 2010 , 18, 124-31	4.3	105
19	A model for the analysis of competitive relaxation effects of manganese and iron in vivo. <i>NMR in Biomedicine</i> , 2009 , 22, 391-404	4.4	25
18	Changes in Dietary Iron Levels Affect Brain Manganese Accumulation and Distribution. <i>Cell Biology and Toxicology</i> , 2009 , 25, 185-215	7.4	
17	A chronic iron-deficient/high-manganese diet in rodents results in increased brain oxidative stress and behavioral deficits in the morris water maze. <i>Neurotoxicity Research</i> , 2009 , 15, 167-78	4.3	32

16	Manganese exposure is cytotoxic and alters dopaminergic and GABAergic neurons within the basal ganglia. <i>Journal of Neurochemistry</i> , 2009 , 110, 378-89	6	93
15	Measuring brain manganese and iron accumulation in rats following 14 weeks of low-dose manganese treatment using atomic absorption spectroscopy and magnetic resonance imaging. <i>Toxicological Sciences</i> , 2008 , 103, 116-24	4.4	62
14	Differential deposition of manganese in the rat brain following subchronic exposure to manganese: a T1-weighted magnetic resonance imaging study. <i>Israel Medical Association Journal</i> , 2008 , 10, 793-8	0.9	21
13	Putative proteins involved in manganese transport across the blood-brain barrier. <i>Human and Experimental Toxicology</i> , 2007 , 26, 295-302	3.4	26
12	Blood-brain barrier and cell-cell interactions: methods for establishing in vitro models of the blood-brain barrier and transport measurements. <i>Methods in Molecular Biology</i> , 2006 , 341, 1-15	1.4	17
11	The effects of manganese on glutamate, dopamine and gamma-aminobutyric acid regulation. <i>Neurochemistry International</i> , 2006 , 48, 426-33	4.4	114
10	Characteristics of manganese (Mn) transport in rat brain endothelial (RBE4) cells, an in vitro model of the blood-brain barrier. <i>NeuroToxicology</i> , 2006 , 27, 60-70	4.4	16
9	The use of magnetic resonance imaging (MRI) in the study of manganese neurotoxicity. <i>NeuroToxicology</i> , 2006 , 27, 798-806	4.4	56
8	Effects of inhaled manganese on biomarkers of oxidative stress in the rat brain. <i>NeuroToxicology</i> , 2006 , 27, 788-97	4.4	37
7	Brain accumulation of depleted uranium in rats following 3- or 6-month treatment with implanted depleted uranium pellets. <i>Biological Trace Element Research</i> , 2006 , 111, 185-97	4.5	21
6	Alterations of oxidative stress biomarkers due to in utero and neonatal exposures of airborne manganese. <i>Biological Trace Element Research</i> , 2006 , 111, 199-215	4.5	42
5	The in vitro uptake of glutamate in GLAST and GLT-1 transfected mutant CHO-K1 cells is inhibited by manganese. <i>Biological Trace Element Research</i> , 2005 , 107, 221-30	4.5	28
4	The importance of glutamate, glycine, and gamma-aminobutyric acid transport and regulation in manganese, mercury and lead neurotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2005 , 204, 343-54	4.6	90
3	Manganese transport by rat brain endothelial (RBE4) cell-based transwell model in the presence of astrocyte conditioned media. <i>Journal of Neuroscience Research</i> , 2005 , 81, 235-43	4.4	17
2	Manganese ethylene-bis-dithiocarbamate and selective dopaminergic neurodegeneration in rat: a link through mitochondrial dysfunction. <i>Journal of Neurochemistry</i> , 2003 , 84, 336-46	6	167
1	Catalysis of catechol oxidation by metal-dithiocarbamate complexes in pesticides. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1714-23	7.8	74