

# CITATION REPORT

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Glutathione modulation influences methyl mercury induced neurotoxicity in primary cell cultures of neurons and astrocytes

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#	Paper	IF	Citations
164	Effects of trophic poisoning with methylmercury on the appetitive elements of the agonistic sequence in fighting-fish ( <i>Betta splendens</i> ). <b>2007</b> , 10, 436-48		1
163	Role of docosahexaenoic acid in modulating methylmercury-induced neurotoxicity. <b>2007</b> , 100, 423-32		26
162	Induction of reactive oxygen species and apoptosis in BEAS-2B cells by mercuric chloride. <b>2007</b> , 21, 789-94		60
161	In vitro toxicity induced by methylmercury on sympathetic neurons is reverted by L-cysteine or glutathione. <b>2007</b> , 58, 278-84		17
160	Methylmercury neurotoxicity: Role of oxidative stress. <b>2007</b> , 89, 535-554		16
159	Role of glutathione in determining the differential sensitivity between the cortical and cerebellar regions towards mercury-induced oxidative stress. <i>Toxicology</i> , <b>2007</b> , 230, 164-77	4.4	55
158	Developmental mercury exposure elicits acute hippocampal cell death, reductions in neurogenesis, and severe learning deficits during puberty. <b>2007</b> , 103, 1968-81		90
157	Mitochondrial dysfunction and molecular pathways of disease. <b>2007</b> , 83, 84-92		417
156	Lactational exposure to inorganic mercury: evidence of neurotoxic effects. <b>2007</b> , 29, 360-7		32
155	Neurobehavioural and molecular changes induced by methylmercury exposure during development. <b>2007</b> , 11, 241-60		137
154	An in vitro approach to assess the toxicity of certain food contaminants: methylmercury and polychlorinated biphenyls. <i>Toxicology</i> , <b>2007</b> , 237, 65-76	4.4	45
153	Methylmercury increases N-methyl-D-aspartate receptors on human SH-SY 5Y neuroblastoma cells leading to neurotoxicity. <i>Toxicology</i> , <b>2008</b> , 249, 251-5	4.4	27
152	Involvement of independent mechanism upon poly(ADP-ribose) polymerase (PARP) activation in methylmercury cytotoxicity in rat cerebellar granule cell culture. <b>2008</b> , 86, 3427-34		12
151	Oxidative stress induced by cerium oxide nanoparticles in cultured BEAS-2B cells. <i>Toxicology</i> , <b>2008</b> , 245, 90-100	4.4	436
150	Unconjugated bilirubin differentially affects the redox status of neuronal and astroglial cells. <b>2008</b> , 29, 30-40		53
149	Feeding mice with diets containing mercury-contaminated fish flesh from French Guiana: a model for the mercurial intoxication of the Wayana Amerindians. <b>2008</b> , 7, 53		17
148	Application of in vitro neurotoxicity testing for regulatory purposes: Symposium III summary and research needs. <i>NeuroToxicology</i> , <b>2008</b> , 29, 520-31	4.4	51

147	Docosahexaenoic acid may act as a neuroprotector for methylmercury-induced neurotoxicity in primary neural cell cultures. <i>NeuroToxicology</i> , <b>2008</b> , 29, 978-87	4.4	35
146	Prevention of methylmercury-induced mitochondrial depolarization, glutathione depletion and cell death by 15-deoxy-delta-12,14-prostaglandin J(2). <i>NeuroToxicology</i> , <b>2008</b> , 29, 1054-61	4.4	14
145	Induction of oxidative stress in human Chang liver cells by octachlorostyrene, the persistent and bioaccumulative toxicant. <b>2008</b> , 22, 367-75		9
144	The use of fluorescence for detecting MeHg-induced ROS in cell cultures. <b>2008</b> , 22, 1392-8		16
143	Tools and tactics for the optical detection of mercuric ion. <b>2008</b> , 108, 3443-80		2017
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140	Contribution of in vitro neurotoxicology studies to the elucidation of neurodegenerative processes. <b>2009</b> , 80, 211-6		10
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137	Comparison of alterations in amino acids content in cultured astrocytes or neurons exposed to methylmercury separately or in co-culture. <b>2009</b> , 55, 136-42		13
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128	The in vitro effects of Trolox on methylmercury-induced neurotoxicity. <i>Toxicology</i> , <b>2010</b> , 276, 73-8	4.4	24
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126	Human cell-based micro electrode array platform for studying neurotoxicity. <b>2010</b> , 3,		62
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116	Mechanisms of methylmercury-induced neurotoxicity: evidence from experimental studies. <b>2011</b> , 89, 555-63		290
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108	Induction of autoimmunity to brain antigens by developmental mercury exposure. <b>2011</b> , 119, 270-80		30
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51	Adverse effects of methylmercury (MeHg) on life parameters, antioxidant systems, and MAPK signaling pathways in the rotifer <i>Brachionus koreanus</i> and the copepod <i>Paracyclopsina nana</i> . <i>Aquatic Toxicology</i> , <b>2017</b> , 190, 181-189	5.1	26
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45	Responses of Antioxidant Defense and Immune Gene Expression in Early Life Stages of Large Yellow Croaker ( <i>Lar</i> ) Under Methyl Mercury Exposure. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1436	4.6	16
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22	Revisiting Astrocytic Roles in Methylmercury Intoxication. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 4293-4308	6.2	6

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6	Image_1.tiff. <b>2019</b> ,		
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