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Neuropsychological correlates of hair arsenic, manganese, and cadmium levels in school-age children residing near a hazardous waste site

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311	Developmental neurotoxicity of industrial chemicals. 2006 , 368, 2167-78		1345
310	Long-term consequences of arsenic poisoning during infancy due to contaminated milk powder. 2006 , 5, 31		78
309	Olfactory uptake of manganese requires DMT1 and is enhanced by anemia. 2007 , 21, 223-30		107
308	Metals and neurotoxicology. 2007 , 137, 2809-13		153
307	Low-level manganese exposure alters glutamate metabolism in GABAergic AF5 cells. <i>NeuroToxicology</i> , 2007 , 28, 548-54	4.4	25
306	Dose-effect relationships between manganese exposure and neurological, neuropsychological and pulmonary function in confined space bridge welders. 2007 , 64, 167-77		188
305	The challenge posed to children's health by mixtures of toxic waste: the Tar Creek superfund site as a case-study. 2007 , 54, 155-75, x		44
304	Hair manganese and hyperactive behaviors: pilot study of school-age children exposed through tap water. 2007 , 115, 122-7		284
303	Manganese. 2007 , 645-674		10
302	Neonatal exposure to brominated flame retardant BDE-47 reduces long-term potentiation and postsynaptic protein levels in mouse hippocampus. 2007 , 115, 865-70		105
301	Water arsenic exposure and intellectual function in 6-year-old children in Araihazar, Bangladesh. 2007 , 115, 285-9		239
300	Dietary arsenic exposure in bangladesh. 2007 , 115, 889-93		147
299	[Developmental neurotoxicity of industrial chemicals]. 2007 , 23, 868-72		8
298	. 2007,		2
297	Biomarkers of Mn exposure in humans. 2007 , 50, 801-11		116
296	Neuropsychological testing for the assessment of manganese neurotoxicity: a review and a proposal. 2007 , 50, 812-30		8o
295	Effects of dimethylarsinic and dimethylarsinous acid on evoked synaptic potentials in hippocampal slices of young and adult rats. 2007 , 225, 40-6		15

(2010-2008)

294	Late neurodevelopmental effects of early exposures to chemical contaminants: reducing uncertainty in epidemiological studies. 2008 , 102, 237-44	8
293	How environmental and genetic factors combine to cause autism: A redox/methylation hypothesis. NeuroToxicology, 2008 , 29, 190-201 4-4	207
292	Evaluation of some pollutant levels in bitter orange trees: implications for human health. 2008, 46, 65-72	20
291	Effect of arsenic exposure during pregnancy on infant development at 7 months in rural Matlab, Bangladesh. 2009 , 117, 288-93	66
290	Enhanced arsenic removals through plant interactions in subsurface-flow constructed wetlands. 2009 , 44, 163-9	35
289	Maternal blood manganese levels and infant birth weight. 2009 , 20, 367-73	147
288	Ceruloplasmin alters the tissue disposition and neurotoxicity of manganese, but not its loading onto transferrin. 2009 , 107, 182-93	37
287	Arsenic down-regulates the expression of Camk4, an important gene related to cerebellar LTD in mice. 2009 , 31, 318-22	36
286	Interpreting epidemiologic studies of developmental neurotoxicity: conceptual and analytic issues. 2009 , 31, 267-74	51
285	Effects of monomethylarsonic and monomethylarsonous acid on evoked synaptic potentials in hippocampal slices of adult and young rats. 2009 , 236, 115-23	33
284	Potential health impacts of heavy-metal exposure at the Tar Creek Superfund site, Ottawa County, Oklahoma. 2009 , 31, 47-59	21
283	Effects of gestational cadmium exposure on pregnancy outcome and development in the offspring at age 4.5 years. 2009 , 132, 51-9	107
282	From manganism to manganese-induced parkinsonism: a conceptual model based on the evolution of exposure. 2009 , 11, 311-21	117
281	Co-exposure to environmental lead and manganese affects the intelligence of school-aged children. <i>NeuroToxicology</i> , 2009 , 30, 564-71	132
280	High levels of hair manganese in children living in the vicinity of a ferro-manganese alloy production plant. <i>NeuroToxicology</i> , 2009 , 30, 1207-13	75
279	Early postnatal blood manganese levels and children's neurodevelopment. 2010 , 21, 433-9	189
278	Prevalence and predictors of exposure to multiple metals in preschool children from Montevideo, Uruguay. 2010 , 408, 4488-94	50
277	Biomonitoring of metal in children living in a mine tailings zone in Southern Mexico: A pilot study. 2010 , 213, 252-8	57

276	Prenatal and early life arsenic exposure induced oxidative damage and altered activities and mRNA expressions of neurotransmitter metabolic enzymes in offspring rat brain. 2010 , 24, 368-78	39
275	Preweaning manganese exposure causes hyperactivity, disinhibition, and spatial learning and memory deficits associated with altered dopamine receptor and transporter levels. 2010 , 64, 363-78	95
274	Perceived health risks of manganese in the Molango Mining District, Mexico. 2010 , 30, 619-34	10
273	Concentration of metals in blood of Maine children 1-6 years old. 2010 , 20, 634-43	12
272	Manganese-induced trafficking and turnover of the cis-Golgi glycoprotein GPP130. 2010 , 21, 1282-92	50
271	The arsenic exposure hypothesis for Alzheimer disease. 2010 , 24, 311-6	83
270	Manganese in children with attention-deficit/hyperactivity disorder: relationship with methylphenidate exposure. 2010 , 20, 113-8	43
269	Characterization of developmental neurotoxicity of As, Cd, and Pb mixture: synergistic action of metal mixture in glial and neuronal functions. 2010 , 118, 586-601	124
268	Intellectual function in Mexican children living in a mining area and environmentally exposed to manganese. 2010 , 118, 1465-70	172
267	Environmental Ascription: High-Volume Polluters, Schools, and Human Capital. 2010 , 23, 271-290	17
266	14:Methylated Metal(loid) Species in Humans. 2010 , 465-521	13
265	Environmental manganese exposure in residents living near a ferromanganese refinery in Southeast Ohio: a pilot study. <i>NeuroToxicology</i> , 2010 , 31, 468-74	50
264	Mercury and heavy metal profiles of maternal and umbilical cord RBCs in Japanese population. 2010 , 73, 1-6	53
263	Hair mercury measurement in Egyptian autistic children. 2010 , 11, 135-141	20
262	Handbook of hair in health and disease. 2011 ,	5
261	Elevated manganese and cognitive performance in school-aged children and their mothers. 2011 , 111, 156-63	180
2 60	Association between arsenic exposure and behavior among first-graders from Torrefi, Mexico. 2011 , 111, 670-6	72
259	Arsenic and manganese exposure and children's intellectual function. <i>NeuroToxicology</i> , 2011 , 32, 450-7 4.4	187

(2011-2011)

258	Environmental exposure to manganese and motor function of children in Mexico. <i>NeuroToxicology</i> , 2011 , 32, 615-21	4.4	61
257	Arsenic exposure and motor function among children in Bangladesh. 2011 , 119, 1665-70		120
256	Manganese exposure from drinking water and children's classroom behavior in Bangladesh. 2011 , 119, 1501-6		134
255	Developing a bidirectional academic-community partnership with an Appalachian-American community for environmental health research and risk communication. 2011 , 119, 1364-72		35
254	Long-term low-level arsenic exposure is associated with poorer neuropsychological functioning: a Project FRONTIER study. 2011 , 8, 861-74		131
253	Tissue-specific and dose-related accumulation of arsenic in mouse offspring following maternal consumption of arsenic-contaminated water. 2011 , 108, 326-32		25
252	Metal sources and exposures in the homes of young children living near a mining-impacted Superfund site. 2011 , 21, 495-505		54
251	Prenatal exposure to lead and cognitive deficit in 7- and 14-year-old children in the presence of concomitant exposure to similar molar concentration of methylmercury. 2011 , 33, 205-11		44
250	Spatial distribution of manganese in enamel and coronal dentine of human primary teeth. 2011 , 409, 1315-9		60
249	Quantitative analysis of toxic and essential elements in human hair. Clinical validity of results. 2011 , 174, 635-43		30
248	Hair trace elements concentration to describe polymetallic mining waste exposure in Bolivian Altiplano. 2011 , 139, 10-23		39
247	Chromium and manganese levels in biological samples of Pakistani myocardial infarction patients at different stages as related to controls. 2011 , 142, 259-73		10
246	Evaluation of status of zinc, copper, and iron levels in biological samples of normal children and children with night blindness with age groups of 3-7 and 8-12 years. 2011 , 142, 323-34		6
245	Evaluation of status of cadmium, lead, and nickel levels in biological samples of normal and night blindness children of age groups 3-7 and 8-12 years. 2011 , 142, 350-61		19
244	Levels of arsenic, cadmium, lead, manganese and zinc in biological samples of paralysed steel mill workers with related to controls. 2011 , 144, 164-82		26
243	Associations of iron metabolism genes with blood manganese levels: a population-based study with validation data from animal models. 2011 , 10, 97		43
242	Preweaning Mn exposure leads to prolonged astrocyte activation and lasting effects on the dopaminergic system in adult male rats. 2011 , 65, 532-44		44
241	Environmental neurotoxicants and developing brain. 2011 , 78, 58-77		69

240	Toxic Pollution and School Performance Scores: Environmental Ascription in East Baton Rouge Parish, Louisiana. 2011 , 24, 423-443		17
239	Identification of a gain-of-function mutation in a Golgi P-type ATPase that enhances Mn2+ efflux and protects against toxicity. 2011 , 108, 858-63		71
238	Intellectual impairment in school-age children exposed to manganese from drinking water. 2011 , 119, 138-43		406
237	Cadmium exposure and neurodevelopmental outcomes in U.S. children. 2012 , 120, 758-63		152
236	Early-life cadmium exposure and child development in 5-year-old girls and boys: a cohort study in rural Bangladesh. 2012 , 120, 1462-8		132
235	World Health Organization discontinues its drinking-water guideline for manganese. 2012 , 120, 775-8		92
234	Associations of early childhood manganese and lead coexposure with neurodevelopment. 2012 , 120, 126-31		138
233	Manganese and Rhenium. 2012 , 607-636		2
232	Olfactory functions at the intersection between environmental exposure to manganese and Parkinsonism. 2012 , 26, 179-82		29
231	Tremor, olfactory and motor changes in Italian adolescents exposed to historical ferro-manganese emission. <i>NeuroToxicology</i> , 2012 , 33, 687-96	4.4	167
230	Manganese exposure and cognitive deficits: a growing concern for manganese neurotoxicity. <i>NeuroToxicology</i> , 2012 , 33, 872-80	4.4	141
229	Perinatal exposure to 50 ppb sodium arsenate induces hypothalamic-pituitary-adrenal axis dysregulation in male C57BL/6 mice. <i>NeuroToxicology</i> , 2012 , 33, 1338-45	4.4	44
228	The role of drinking water sources, consumption of vegetables and seafood in relation to blood arsenic concentrations of Jamaican children with and without Autism Spectrum Disorders. 2012 , 433, 362-70		43
227	Manganese exposure from drinking water and children's academic achievement. <i>NeuroToxicology</i> , 2012 , 33, 91-7	4.4	160
226	Childhood blood lead levels and intellectual development after ban of leaded gasoline in Taiwan: a 9-year prospective study. 2012 , 40, 88-96		74
225	Determining fetal manganese exposure from mantle dentine of deciduous teeth. 2012 , 46, 5118-25		56
224	Inverse association of intellectual function with very low blood lead but not with manganese exposure in Italian adolescents. 2012 , 118, 65-71		94
223	Influence of age on arsenic-induced oxidative stress in rat. 2012 , 149, 382-90		13

222	Changes in body burden of mercury, lead, arsenic, cadmium and selenium in infants during early lactation in comparison with placental transfer. 2012 , 84, 179-84	57
221	Executive functions and neurotoxic exposure. 174-190	
220	Heavy metal in children's tooth enamel: related to autism and disruptive behaviors?. 2012, 42, 929-36	58
219	Children's exposure to metals: a community-initiated study. 2012 , 62, 714-22	14
218	Assessment of personal exposure to manganese in children living near a ferromanganese refinery. 2012 , 427-428, 19-25	34
217	A review on the importance of metals and metalloids in atmospheric dust and aerosol from mining operations. 2012 , 433, 58-73	303
216	Effects of prenatal exposure to sodium arsenite on motor and food-motivated behaviors from birth to adulthood in C57BL6/J mice. 2012 , 34, 221-31	20
215	When are fetuses and young children most susceptible to soil metal concentrations of arsenic, lead and mercury?. 2012 , 3, 265-72	20
214	Determinants of lead exposure in children on the outskirts of Salvador, Brazil. 2012 , 184, 2593-603	36
213	Taurine 8. 2013 ,	1
213	Taurine 8. 2013, Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013, 182, 111-9	36
	Assessing mixed trace elements in groundwater and their health risk of residents living in the	
212	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013 , 182, 111-9 Evaluation of toxic and essential elements in whole blood from 0- to 6-year-old children from Jinan,	36
212	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013, 182, 111-9 Evaluation of toxic and essential elements in whole blood from 0- to 6-year-old children from Jinan, China. 2013, 46, 612-6 Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics	36 26
212 211 210	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013, 182, 111-9 Evaluation of toxic and essential elements in whole blood from 0- to 6-year-old children from Jinan, China. 2013, 46, 612-6 Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. 2013, 14, 557-67 Effect of environmental manganese exposure on verbal learning and memory in Mexican children.	36 26 17
212 211 210 209	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013, 182, 111-9 Evaluation of toxic and essential elements in whole blood from 0- to 6-year-old children from Jinan, China. 2013, 46, 612-6 Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. 2013, 14, 557-67 Effect of environmental manganese exposure on verbal learning and memory in Mexican children. 2013, 121, 39-44 Occupational health outcomes for workers in the agriculture, forestry and fishing sector:	36 26 17 76
212 211 210 209 208	Assessing mixed trace elements in groundwater and their health risk of residents living in the Mekong River basin of Cambodia. 2013, 182, 111-9 Evaluation of toxic and essential elements in whole blood from 0- to 6-year-old children from Jinan, China. 2013, 46, 612-6 Hair trace elementary profiles in aging rodents and primates: links to altered cell homeodynamics and disease. 2013, 14, 557-67 Effect of environmental manganese exposure on verbal learning and memory in Mexican children. 2013, 121, 39-44 Occupational health outcomes for workers in the agriculture, forestry and fishing sector: implications for immigrant workers in the southeastern US. 2013, 56, 940-59 Association of cord blood levels of lead, arsenic, and zinc with neurodevelopmental indicators in	36 26 17 76 31

204	Relationships between trace element concentrations in chorionic tissue of placenta and umbilical cord tissue: potential use as indicators for prenatal exposure. 2013 , 60, 106-11	73
203	Prenatal Exposures to Environmental Chemicals and Children's Neurodevelopment: An Update. 2013 , 4, 1-11	134
202	Association of arsenic, cadmium and manganese exposure with neurodevelopment and behavioural disorders in children: a systematic review and meta-analysis. 2013 , 454-455, 562-77	195
201	Hair as a biomarker of environmental manganese exposure. 2013 , 47, 1629-37	64
200	Subchronic exposure to arsenic disturbed the biogenic amine neurotransmitter level and the mRNA expression of synthetase in mice brains. 2013 , 241, 52-8	29
199	Relationship between blood manganese levels and children's attention, cognition, behavior, and academic performancea nationwide cross-sectional study. 2013 , 126, 9-16	64
198	Manganese exposure: cognitive, motor and behavioral effects on children: a review of recent findings. 2013 , 25, 255-60	8o
197	Manganese neurotoxicity: new perspectives from behavioral, neuroimaging, and neuropathological studies in humans and non-human primates. 2013 , 5, 23	121
196	Inorganic Arsenic Exposure and Childrenâ Neurodevelopment: A Review of the Evidence. 2013, 1, 2-17	10
195	Associations between hair manganese levels and cognitive, language, and motor development in preschool children from Montevideo, Uruguay. 2014 , 69, 46-54	31
194	The Role of Heavy Metal Pollution in Neurobehavioral Disorders: a Focus on Autism. 2014, 1, 354-372	49
193	Arsenic exposure in drinking water: an unrecognized health threat in Peru. 2014 , 92, 565-72	72
192	Role of fruits, grains, and seafood consumption in blood cadmium concentrations of Jamaican children with and without Autism Spectrum Disorder. 2014 , 8, 1134-1145	18
191	Chapter 21:Cognitive Effects of Manganese in Children and Adults. 2014 , 524-539	
190	Noninvasive biomarkers of manganese exposure and neuropsychological effects in environmentally exposed adults in Brazil. 2014 , 231, 169-78	47
189	Blood manganese concentrations in Jamaican children with and without autism spectrum disorders. 2014 , 13, 69	28
188	Reversibility of changes in brain cholinergic receptors and acetylcholinesterase activity in rats following early life arsenic exposure. 2014 , 34, 60-75	35
187	Toxic metal levels in children residing in a smelting craft village in Vietnam: a pilot biomonitoring study. 2014 , 14, 114	34

186	New insights into manganese toxicity and speciation. 2014 , 28, 106-116		90
185	Arsenic exposure in drinking water alters the dopamine system in the brains of C57BL/6 mice. 2014 , 162, 175-80		16
184	Early life arsenic exposure and brain dopaminergic alterations in rats. 2014 , 38, 91-104		30
183	Size-resolved dust and aerosol contaminants associated with copper and lead smelting emissions: implications for emission management and human health. 2014 , 493, 750-6		71
182	Cadmium exposure and neuropsychological development in school children in southwestern Spain. 2014 , 134, 66-73		69
181	Celastrol prevents cadmium-induced neuronal cell death via targeting JNK and PTEN-Akt/mTOR network. 2014 , 128, 256-266		38
180	Estimation of copper and iron burden in biological samples of various stages of hepatitis C and liver cirrhosis patients. 2014 , 160, 197-205		17
179	Regional specific groundwater arsenic levels and neuropsychological functioning: a cross-sectional study. 2014 , 24, 546-57		12
178	A consecutive study on arsenic exposure and intelligence quotient (IQ) of children in Bangladesh. 2014 , 19, 194-9		24
177	The Effects of Arsenic Exposure on Neurological and Cognitive Dysfunction in Human and Rodent Studies: A Review. 2014 , 1, 132-147		284
176	A cross-sectional study of well water arsenic and child IQ in Maine schoolchildren. 2014 , 13, 23		104
175	Unknown risk: co-exposure to lead and other heavy metals among children living in small-scale mining communities in Zamfara State, Nigeria. 2014 , 24, 304-19		42
174	Neue Einsichten in die Toxizit und die Speziation von Mangan. 2014 , 2, 109-124		1
173	Children's personal exposure to PM10 and associated metals in urban, rural and mining activity areas. 2014 , 108, 125-33		15
172	Arsenic downregulates gene expression at the postsynaptic density in mouse cerebellum, including genes responsible for long-term potentiation and depression. 2014 , 228, 260-9		19
171	Elevated airborne manganese and low executive function in school-aged children in Brazil. <i>NeuroToxicology</i> , 2014 , 45, 301-8	4.4	72
170	Elevated manganese exposure and school-aged children's behavior: a gender-stratified analysis. <i>NeuroToxicology</i> , 2014 , 45, 293-300	4.4	55
169	Childhood exposure to manganese and postural instability in children living near a ferromanganese refinery in Southeastern Ohio. 2014 , 41, 71-9		32

168	Blood manganese levels in relation to comorbid behavioral and emotional problems in children with attention-deficit/hyperactivity disorder. 2014 , 220, 418-25	20
167	Associations between land cover categories, soil concentrations of arsenic, lead and barium, and population race/ethnicity and socioeconomic status. 2014 , 490, 1051-6	13
166	Brain dysfunctions in Wistar rats exposed to municipal landfill leachates. 2015 , 4, 284-290	6
165	Applying the Bradford Hill criteria in the 21st century: how data integration has changed causal inference in molecular epidemiology. 2015 , 12, 14	277
164	Exposure to Mixtures of Metals and Neurodevelopmental Outcomes: A Multidisciplinary Review Using an Adverse Outcome Pathway Framework. 2015 , 35, 971-1016	55
163	Resveratrol prevents cadmium activation of Erk1/2 and JNK pathways from neuronal cell death via protein phosphatases 2A and 5. 2015 , 135, 466-78	23
162	Arsenic-Induced Developmental Neurotoxicity. 2015, 363-386	3
161	Patterns of exposure to multiple metals and associations with neurodevelopment of preschool children from Montevideo, Uruguay. 2015 , 2015, 493471	27
160	Maternal Blood Manganese and Early Neurodevelopment: The Mothers and Children's Environmental Health (MOCEH) Study. 2015 , 123, 717-22	73
159	Manganese Exposure and Neurocognitive Outcomes in Rural School-Age Children: The Communities Actively Researching Exposure Study (Ohio, USA). 2015 , 123, 1066-71	75
158	Association of hair manganese level with symptoms in attention-deficit/hyperactivity disorder. 2015 , 12, 66-72	20
157	Developmental Arsenic Exposure Impacts Fetal Programming of the Nervous System. 2015 , 387-403	
156	Resveratrol inhibits cadmium induced neuronal apoptosis by modulating calcium signalling pathway via regulation of MAPK/mTOR network. 2015 , 10, 366	4
155	Health Effects of Prenatal and Early-Life Exposure to Arsenic. 2015, 405-428	
154	Lead, Arsenic, and Manganese Metal Mixture Exposures: Focus on Biomarkers of Effect. 2015 , 166, 13-23	47
153	Elevated titanium levels in Iraqi children with neurodevelopmental disorders echo findings in occupation soldiers. 2015 , 187, 4127	6
152	Reconstructing pre-natal and early childhood exposure to multi-class organic chemicals using teeth: Towards a retrospective temporal exposome. 2015 , 83, 137-45	34
151	Environmental exposure to manganese in air: Associations with cognitive functions. NeuroToxicology, 2015 , 49, 139-48	45

(2016-2015)

150	Prenatal and postnatal manganese teeth levels and neurodevelopment at 7, 9, and 10.5 years in the CHAMACOS cohort. 2015 , 84, 39-54	65
149	Rapamycin prevents cadmium-induced neuronal cell death via targeting both mTORC1 and mTORC2 pathways. 2015 , 97, 35-45	16
148	Autism spectrum disorder prevalence and proximity to industrial facilities releasing arsenic, lead or mercury. 2015 , 536, 245-251	49
147	Perinatal and Childhood Exposure to Cadmium, Manganese, and Metal Mixtures and Effects on Cognition and Behavior: A Review of Recent Literature. 2015 , 2, 284-94	154
146	Decline of General Intelligence in Children Exposed to Manganese from Mining Contamination in Puyango River Basin, Southern Ecuador. 2015 , 12, 453-60	17
145	Taurine resumed neuronal differentiation in arsenite-treated N2a cells through reducing oxidative stress, endoplasmic reticulum stress, and mitochondrial dysfunction. 2015 , 47, 735-44	14
144	Transfer of heavy metals through terrestrial food webs: a review. 2015 , 187, 201	386
143	Low-level arsenic exposure and developmental neurotoxicity in children: A systematic review and risk assessment. 2015 , 337, 91-107	86
142	Synergic effect of GSTP1 and blood manganese concentrations in Autism Spectrum Disorder. 2015 , 18, 73-82	25
141	Environmental contamination in an Australian mining community and potential influences on early childhood health and behavioural outcomes. 2015 , 207, 345-56	32
140	An approach for manganese biomonitoring using a manganese carrier switch in serum from transferrin to citrate at slightly elevated manganese concentration. 2015 , 32, 145-54	12
139	Trace elements as paradigms of developmental neurotoxicants: Lead, methylmercury and arsenic. 2015 , 31, 130-4	48
138	Home environment and cord blood levels of lead, arsenic, and zinc on neurodevelopment of 24 months children living in Chitwan Valley, Nepal. 2015 , 29, 315-20	7
137	Cognitive deficits and ALA-D-inhibition in children exposed to multiple metals. 2015 , 136, 387-95	35
136	Manganese concentrations in soil and settled dust in an area with historic ferroalloy production. 2015 , 25, 443-50	36
135	Manganese. 2015 , 975-1011	6
134	Principles for Prevention of the Toxic Effects of Metals. 2015 , 507-528	2
133	Community Engagement and Data Disclosure in Environmental Health Research. 2016 , 124, A24-7	16

132	Child Intelligence and Reductions in Water Arsenic and Manganese: A Two-Year Follow-up Study in Bangladesh. 2016 , 124, 1114-20	31
131	The Role of mTOR, Autophagy, Apoptosis, and Oxidative Stress During Toxic Metal Injury. 2016 , 69-81	1
130	Assessment of Ecological Risk of Heavy Metal Contamination in Coastal Municipalities of Montenegro. 2016 , 13, 393	37
129	Environmental exposure to metals, neurodevelopment, and psychosis. 2016 , 28, 243-9	12
128	Measuring the impact of manganese exposure on children's neurodevelopment: advances and research gaps in biomarker-based approaches. 2016 , 15, 91	44
127	International variability in diet and requirements of manganese: Causes and consequences. 2016 , 38, 24-32	43
126	Manganese Exposure and Cognition Across the Lifespan: Contemporary Review and Argument for Biphasic Dose-Response Health Effects. 2016 , 3, 392-404	27
125	Geographies of Global Issues: Change and Threat. 2016 ,	
124	Manganese and Mercury Levels in Water, Sediments, and Children Living Near Gold-Mining Areas of the Nangaritza River Basin, Ecuadorian Amazon. 2016 , 71, 171-82	22
123	Non-occupational exposure to heavy metals of the residents of an industrial area and biomonitoring. 2016 , 188, 673	31
122	Early-life metal exposure and schizophrenia: A proof-of-concept study using novel tooth-matrix biomarkers. 2016 , 36, 1-6	28
121	Neurodevelopmental outcomes among 2- to 3-year-old children in Bangladesh with elevated blood lead and exposure to arsenic and manganese in drinking water. 2016 , 15, 44	80
120	Assessment of exposure to mixture pollutants in Mexican indigenous children. 2016 , 23, 8577-88	19
119	Mechanisms of divalent metal toxicity in affective disorders. 2016 , 339, 58-72	45
118	Associations between metals in residential environmental media and exposure biomarkers over time in infants living near a mining-impacted site. 2016 , 26, 510-9	19
117	Manganese accumulation in hair and teeth as a biomarker of manganese exposure and neurotoxicity in rats. 2016 , 23, 12265-71	10
116	Effects of inorganic arsenic exposure on glucose transporters and insulin receptor in the hippocampus of C57BL/6 male mice. 2016 , 54, 68-77	11
115	Associations among environmental exposure to manganese, neuropsychological performance, oxidative damage and kidney biomarkers in children. 2016 , 147, 32-43	46

(2017-2016)

114	Rapamycin ameliorates cadmium-induced activation of MAPK pathway and neuronal apoptosis by preventing mitochondrial ROS inactivation of PP2A. 2016 , 105, 270-284	48
113	Neurological and neuropsychological functions in adults with a history of developmental arsenic poisoning from contaminated milk powder. 2016 , 53, 75-80	28
112	Neurological Toxicity of Individual and Mixtures of Low Dose Arsenic, Mono and Di (n-butyl) Phthalates on Sub-Chronic Exposure to Mice. 2016 , 170, 183-93	7
111	Postnatal arsenic exposure and attention impairment in school children. 2016 , 74, 370-82	44
110	Effect of Arsenic and Manganese Exposure on Intellectual Function of Children in Arsenic Stress Area of Purbasthali, Burdwan, West Bengal. 2017 , 9, 1-11	5
109	The Experience of Cancer in American Indians Living in Oklahoma. 2017 , 28, 259-268	2
108	Celastrol ameliorates Cd-induced neuronal apoptosis by targeting NOX2-derived ROS-dependent PP5-JNK signaling pathway. 2017 , 141, 48-62	33
107	Cell cycle pathway dysregulation in human keratinocytes during chronic exposure to low arsenite. 2017 , 331, 130-134	8
106	Low-level inorganic arsenic exposure and neuropsychological functioning in American Indian elders. 2017 , 156, 74-79	16
105	Pathways of inhalation exposure to manganese in children living near a ferromanganese refinery: A structural equation modeling approach. 2017 , 579, 768-775	10
104	Manganese in teeth and neurobehavior: Sex-specific windows of susceptibility. 2017 , 108, 299-308	37
103	New Research Strategy for Measuring Pre- and Postnatal Metal Dysregulation in Psychotic Disorders. 2017 , 43, 1153-1157	7
102	Manganese and Developmental Neurotoxicity. 2017 , 18, 13-34	47
101	Elemental hair analysis: A review of procedures and applications. 2017 , 992, 1-23	73
100	Standardizing effect size from linear regression models with log-transformed variables for meta-analysis. 2017 , 17, 44	21
99	Assessment of gender and age effects on serum and hair trace element levels in children with autism spectrum disorder. 2017 , 32, 1675-1684	22
98	Arsenic, cadmium, lead and mercury levels in blood of Finnish adults and their relation to diet, lifestyle habits and sociodemographic variables. 2017 , 24, 1347-1362	18
97	Tissue-specific distributions of inorganic arsenic and its methylated metabolites, especially in cerebral cortex, cerebellum and hippocampus of mice after a single oral administration of arsenite. 2017 , 43, 15-22	14

96	Development and Evaluation of a Manganese and Iron Food Frequency Questionnaire for Pediatrics. 2017 , 14,		3
95	Hazardous waste and health impact: a systematic review of the scientific literature. 2017 , 16, 107		51
94	Major Limitations in Using Element Concentrations in Hair as Biomarkers of Exposure to Toxic and Essential Trace Elements in Children. 2017 , 125, 067021		34
93	Maternal and Cord Blood Manganese Concentrations and Early Childhood Neurodevelopment among Residents near a Mining-Impacted Superfund Site. 2017 , 125, 067020		45
92	The Joint Effect of Prenatal Exposure to Metal Mixtures on Neurodevelopmental Outcomes at 20-40 Months of Age: Evidence from Rural Bangladesh. 2017 , 125, 067015		145
91	The developmental neurotoxicity of arsenic: cognitive and behavioral consequences of early life exposure. 2014 , 80, 303-14		181
90	Inhibition of miR-219 Alleviates Arsenic-Induced Learning and Memory Impairments and Synaptic Damage Through Up-regulating CaMKII in the Hippocampus. 2018 , 43, 948-958		10
89	Environmental manganese exposure and associations with memory, executive functions, and hyperactivity in Brazilian children. <i>NeuroToxicology</i> , 2018 , 69, 253-259	4.4	29
88	Nobiletin prevents cadmium-induced neuronal apoptosis by inhibiting reactive oxygen species and modulating JNK/ERK1/2 and Akt/mTOR networks in rats. 2018 , 40, 211-220		20
87	Uncovering neurodevelopmental windows of susceptibility to manganese exposure using dentine microspatial analyses. 2018 , 161, 588-598		27
86	Neurodevelopmental and neurological effects of chemicals associated with unconventional oil and natural gas operations and their potential effects on infants and children. 2018 , 33, 3-29		22
85	Changes in water manganese levels and longitudinal assessment of intellectual function in children exposed through drinking water. <i>NeuroToxicology</i> , 2018 , 64, 118-125	4.4	31
84	Assessment of saliva, hair and toenails as biomarkers of low level exposure to manganese from drinking water in children. <i>NeuroToxicology</i> , 2018 , 64, 126-133	4.4	29
83	Impact of air manganese on child neurodevelopment in East Liverpool, Ohio. <i>NeuroToxicology</i> , 2018 , 64, 94-102	4.4	24
82	Rutin hydrate ameliorates cadmium chloride-induced spatial memory loss and neural apoptosis in rats by enhancing levels of acetylcholine, inhibiting JNK and ERK1/2 activation and activating mTOR signalling. 2018 , 124, 367-377		8
81	Prenatal co-exposure to neurotoxic metals and neurodevelopment in preschool children: The Environment and Childhood (INMA) Project. 2018 , 621, 340-351		66
80	Toenail manganese as a potential biomarker for in utero and early childhood exposure studies. 2018 , 8, 17034		3
79	Prenatal Mancozeb Exposure, Excess Manganese, and Neurodevelopment at 1 Year of Age in the Infants' Environmental Health (ISA) Study. 2018 , 126, 057007		34

78	Prenatal exposure to arsenic and neurobehavioral development of newborns in China. 2018, 121, 421-427	21
77	Airborne manganese exposure and neurobehavior in school-aged children living near a ferro-manganese alloy plant. 2018 , 167, 66-77	30
76	A cross-sectional study of water arsenic exposure and intellectual function in adolescence in Araihazar, Bangladesh. 2018 , 118, 304-313	43
75	Determinants of Hair Manganese, Lead, Cadmium and Arsenic Levels in Environmentally Exposed Children. 2018 , 6,	18
74	Response to "Comment on 'Impact of air manganese on child neurodevelopment in East Liverpool, Ohio' by Haynes et al. (2018)". <i>NeuroToxicology</i> , 2018 , 68, 149-150	O
73	The Developmental Neurotoxicity of 'Cadmium. 2018 , 407-412	2
72	Concurrent exposure to heavy metals and cognition in school-age children in Congo-Kinshasa: A complex overdue research agenda. 2019 , 145, 81-86	12
71	Perinatal Exposure to Arsenic in Drinking Water Alters Glutamatergic Neurotransmission in the Striatum of C57BL/6 Mice. 2019 , 187, 224-229	4
70	Neurocognitive impact of metal exposure and social stressors among schoolchildren in Taranto, Italy. 2019 , 18, 67	14
69	Arsenic exposure with reference to neurological impairment: an overview. 2019 , 34, 403-414	9
68	Emerging Chemicals and Human Health. 2019 ,	
67	Verbal Memory and Learning in Schoolchildren Exposed to Manganese in Mexico. 2019 , 36, 827-835	5
66	The effects of manganese exposure from drinking water on school-age children: A systematic review. <i>NeuroToxicology</i> , 2019 , 73, 1-7	24
65	The impact of fertilizers on the uptake of manganese in Cherry Belle radish plants: implications for human health. 2019 , 26, 10414-10428	1
64	Possible Metabolic Alterations among Autistic Male Children: Clinical and Biochemical Approaches. 2019 , 67, 204-216	21
63	Effects of lead, mercury, aluminium and manganese co-exposure on the serum BDNF concentration of pre-school children in Taizhou, China. 2019 , 217, 158-165	22
62	Manganese levels in newborns' hair by maternal sociodemographic, dietary and environmental factors. 2019 , 170, 92-100	3
61	Domain- and sex-specific effects of prenatal exposure to low levels of arsenic on children's development at 6 months of age: Findings from the Ma'anshan birth cohort study in China. 2020 , 135, 105112	10

60	Biomarkers of environmental manganese exposure and associations with childhood neurodevelopment: a systematic review and meta-analysis. 2020 , 19, 104	17
59	Associations of a Metal Mixture Measured in Multiple Biomarkers with IQ: Evidence from Italian Adolescents Living near Ferroalloy Industry. 2020 , 128, 97002	27
58	Environmental exposure to metal mixtures and linear growth in healthy Ugandan children. 2020 , 15, e0233108	2
57	Environmental toxicology: hazardous waste. 2020 , 321-329	2
56	Prenatal Manganese Exposure and Long-Term Neuropsychological Development at 4 Years of Age in a Population-Based Birth Cohort. 2020 , 17,	3
55	Aluminum Exposure and Gestational Diabetes Mellitus: Associations and Potential Mediation by n-6 Polyunsaturated Fatty Acids. 2020 , 54, 5031-5040	12
54	Exposure to Toenail Heavy Metals and Child Behavior Problems in Nine-Year-Old Children: A Cross-Sectional Study. 2020 , 17,	2
53	Cadmium induces mitochondrial ROS inactivation of XIAP pathway leading to apoptosis in neuronal cells. 2020 , 121, 105715	17
52	Effect of Elipoic acid on spatial memory and structural integrity of developing hippocampal neurons in rats subjected to sodium arsenite exposure. 2020 , 75, 103323	6
51	Mechanistic models supporting uncertainty quantification of water quality predictions in heterogeneous mining waste rocks: a review. 2021 , 35, 985-1001	5
50	Arsenic and selenium measurements in nail and hair show important relationships to Alzheimer's disease in the elderly. 2021 , 64, 126684	5
49	Interaction of Blood Manganese Concentrations with GSTT1 in Relation to Autism Spectrum Disorder in Jamaican Children. 2021 , 51, 1953-1965	2
48	Exploring the Intersections of Environmental Health and Urban Medical Geology. 2021, 721-748	O
47	Developmental toxicity of cadmium in infants and children: a review. 2021 , 36, e2021003-0	8
46	Manganese in potable water of nine districts, Bangladesh: human health risk. 2021 , 28, 45663-45675	3
45	Associaß da distßcia da habitaß em relaß a sßios de reciclagem sobre habilidades cognitivas em escolares. 2021 , 31, e38664	
44	E-Waste in Africa: A Serious Threat to the Health of Children. 2021 , 18,	5
43	Molecular Mechanism of Arsenic-Induced Neurotoxicity including Neuronal Dysfunctions. 2021 , 22,	13

42	Association of multi-metals exposure with intelligence quotient score of children: A prospective cohort study. 2021 , 155, 106692	6
41	Autism spectrum disorder: Trace elements imbalances and the pathogenesis and severity of autistic symptoms. 2021 , 129, 117-132	7
40	Early pregnancy exposure to metal mixture and birth outcomes - A prospective study in Project Viva. 2021 , 156, 106714	6
39	Co-exposure to manganese and lead and pediatric neurocognition in East Liverpool, Ohio. 2021 , 202, 111644	2
38	Protective effect of taurine on the decreased biogenic amine neurotransmitter levels in the brain of mice exposed to arsenic. 2013 , 776, 277-87	25
37	Heavy Metal Exposure and Childrenâ Health. 2019 , 79-97	2
36	Evaluation of Acute and Chronic Arsenic Exposure on School Children from Exposed and Apparently Control Areas of West Bengal, India. 2021 , 13, 33-50	16
35	Geochemical legacies and the future health of cities: A tale of two neurotoxins in urban soils. 2015 , 3,	20
34	Association of cord blood levels of lead, arsenic, and zinc and home environment with children neurodevelopment at 36 months living in Chitwan Valley, Nepal. 2015 , 10, e0120992	14
33	Intelligence Quotient and Social Competence of Junior High School Students Drinking Arsenic Contaminated Groundwater in Bangladesh. 2012 , 6, 110-121	2
32	Arsenic contamination in groundwater causing impaired memory and intelligence in school children of Simri village of Buxar district of Bihar. 2019 , 24, 132	11
31	Adverse neurodevelopmental effects and hearing loss in children associated with manganese in well water, North Carolina, USA. 2015 , 4, 62-69	6
30	Maternal alcohol consumption during pregnancy and child's cognitive performance at 6-8 years of age in rural Burkina Faso: an observational study. 2017 , 5, e3507	9
29	Application of DPSIR framework to analyze the groundwater pollution threats of municipal solid waste: Case study Mdiouna Landfill, Morocco. 2021 , 314, 06004	O
28	Susceptibility of Children to Environmental Xenobiotics.	
27	Analysis of Heavy Metals in the Hair of Children with Attention-Deficit Hyperactivity Disorder and Tourette's Syndrome. 2012 , 23, 63-68	1
26	Environmental Ascription: Industrial Pollution, Place, and Childrenâl Health and Learning in the USA. 2015 , 1-27	
25	Neurological Effects of Arsenic Exposure. 193-219	

24	Environmental Ascription: Industrial Pollution, Place, and Childrenâl Health and Learning in the USA. 2016 , 347-373	
23	Prenatal metal mixture concentrations and reward motivation in children. <i>NeuroToxicology</i> , 2021 , 88, 124-133	О
22	Prenatal Exposure to Chemical Mixtures and Inhibition among Adolescents. 2021, 9,	O
21	Association of autism with toxic metals: A systematic review of case-control studies 2021 , 212, 173313	2
20	Environmental manganese exposure and cognitive control in a South African population NeuroToxicology, 2022 , 89, 31-40 4-4	O
19	Impacts of a perinatal exposure to manganese coupled with maternal stress in rats: Maternal somatic measures and the postnatal growth and development of rat offspring 2021 , 107061	2
18	Manganese. 2022 , 501-538	1
17	Bayesian kernel machine regression-causal mediation analysis 2022,	1
16	Heavy metals and neurodevelopment of children in low and middle-income countries: A systematic review 2022 , 17, e0265536	1
15	Prenatal Metal Exposures and Infants' Developmental Outcomes in a Navajo Population 2021 , 19,	1
14	X-Ray Fluorescence Analysis of Human Hair. 2022 , 405-418	
13	A prospective study of arsenic and manganese exposures and maternal blood pressure during gestation. 2022 , 214, 113845	
12	The association of prenatal manganese exposure with problem-solving skills and its mediation by the building blocks of executive function. 2022 , 92, 191-199	
11	The Implications of Exposure to Neurotoxic Metals for Cognitive Development of Children and Adolescents. 2022 , 135-150	O
10	Maternal Folate Status and the Relation between Gestational Arsenic Exposure and Child Health Outcomes. 2022 , 19, 11332	0
9	Assessing gestational exposure to trace elements in an area of unconventional oil and gas activity: comparison with reference populations and evaluation of variability.	O
8	Joint Action Toxicity of Arsenic (As) and Lead (Pb) Mixtures in Developing Zebrafish. 2022, 12, 1833	0
7	Neurobehavioral deficits, histoarchitectural alterations, parvalbumin neuronal damage and glial activation in the brain of male Wistar rat exposed Landfill leachate.	О

CITATION REPORT

6	???????????????????. 2023,	О
5	Health effects of preconception, prenatal, and early-life exposure to inorganic arsenic. 2023, 455-483	О
4	Associations of an industry-relevant metal mixture with verbal learning and memory in Italian adolescents: The modifying role of iron status. 2023 , 224, 115457	O
3	Effect of cadmium exposure during and after pregnancy of female. 2023 , 35,	O
2	Developmental arsenic exposure impacts fetal programming of the nervous system. 2023, 435-453	O
1	Arsenic-induced developmental neurotoxicity. 2023 , 409-434	O