

Aaron B. Bowman

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136
papers

5,621
citations

37
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73
g-index

146
ext. papers

6,723
ext. citations

6.2
avg, IF

5.75
L-index

#	Paper	IF	Citations
136	Regulation of RNA splicing by the methylation-dependent transcriptional repressor methyl-CpG binding protein 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17551-8	11.5	356
135	Kinesin-dependent axonal transport is mediated by the sunday driver (SYD) protein. <i>Cell</i> , 2000 , 103, 583-94	9.2	283
134	Recreating blood-brain barrier physiology and structure on chip: A novel neurovascular microfluidic bioreactor. <i>Biomicrofluidics</i> , 2015 , 9, 054124	3.2	259
133	Opposing effects of polyglutamine expansion on native protein complexes contribute to SCA1. <i>Nature</i> , 2008 , 452, 713-8	50.4	250
132	Role of manganese in neurodegenerative diseases. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011 , 25, 191-203	4.1	249
131	ATAXIN-1 interacts with the repressor Capicua in its native complex to cause SCA1 neuropathology. <i>Cell</i> , 2006 , 127, 1335-47	56.2	242
130	Manganese Is Essential for Neuronal Health. <i>Annual Review of Nutrition</i> , 2015 , 35, 71-108	9.9	219
129	Neuronal dysfunction in a polyglutamine disease model occurs in the absence of ubiquitin-proteasome system impairment and inversely correlates with the degree of nuclear inclusion formation. <i>Human Molecular Genetics</i> , 2005 , 14, 679-91	5.6	187
128	Manganese-Induced Parkinsonism and Parkinson's Disease: Shared and Distinguishable Features. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 7519-40	4.6	176
127	"Manganese-induced neurotoxicity: a review of its behavioral consequences and neuroprotective strategies". <i>BMC Pharmacology & Toxicology</i> , 2016 , 17, 57	2.6	174
126	Manganese homeostasis in the nervous system. <i>Journal of Neurochemistry</i> , 2015 , 134, 601-10	6	159
125	Role of astrocytes in brain function and disease. <i>Toxicologic Pathology</i> , 2011 , 39, 115-23	2.1	150
124	Drosophila roadblock and Chlamydomonas Lc7. <i>Journal of Cell Biology</i> , 1999 , 146, 165-180	7.3	142
123	SLC30A10 is a cell surface-localized manganese efflux transporter, and parkinsonism-causing mutations block its intracellular trafficking and efflux activity. <i>Journal of Neuroscience</i> , 2014 , 34, 14079-95	6.6	139
122	Glutamine-expanded ataxin-7 alters TFTC/STAGA recruitment and chromatin structure leading to photoreceptor dysfunction. <i>PLoS Biology</i> , 2006 , 4, e67	9.7	125
121	Ferroportin is a manganese-responsive protein that decreases manganese cytotoxicity and accumulation. <i>Journal of Neurochemistry</i> , 2010 , 112, 1190-8	6	118
120	Accelerated differentiation of human induced pluripotent stem cells to blood-brain barrier endothelial cells. <i>Fluids and Barriers of the CNS</i> , 2017 , 14, 9	7	99

119	Metabolic consequences of inflammatory disruption of the blood-brain barrier in an organ-on-chip model of the human neurovascular unit. <i>Journal of Neuroinflammation</i> , 2016 , 13, 306	10.1	99
118	DMH1, a highly selective small molecule BMP inhibitor promotes neurogenesis of hiPSCs: comparison of PAX6 and SOX1 expression during neural induction. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 482-91	5.7	74
117	ATXN1 protein family and CIC regulate extracellular matrix remodeling and lung alveolarization. <i>Developmental Cell</i> , 2011 , 21, 746-57	10.2	73
116	The effects of pdr1, djr1.1 and pink1 loss in manganese-induced toxicity and the role of β synuclein in <i>C. elegans</i> . <i>Metallomics</i> , 2014 , 6, 476-90	4.5	71
115	A Simplified, Fully Defined Differentiation Scheme for Producing Blood-Brain Barrier Endothelial Cells from Human iPSCs. <i>Stem Cell Reports</i> , 2019 , 12, 1380-1388	8	70
114	Brain manganese and the balance between essential roles and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2020 , 295, 6312-6329	5.4	66
113	Duplication of Atxn1l suppresses SCA1 neuropathology by decreasing incorporation of polyglutamine-expanded ataxin-1 into native complexes. <i>Nature Genetics</i> , 2007 , 39, 373-9	36.3	64
112	Considerations on manganese (Mn) treatments for in vitro studies. <i>NeuroToxicology</i> , 2014 , 41, 141-2	4.4	63
111	Disease-toxicant screen reveals a neuroprotective interaction between Huntington's disease and manganese exposure. <i>Journal of Neurochemistry</i> , 2010 , 112, 227-37	6	59
110	Relationships Between Essential Manganese Biology and Manganese Toxicity in Neurological Disease. <i>Current Environmental Health Reports</i> , 2017 , 4, 223-228	6.5	54
109	Combinatorial polymer matrices enhance in vitro maturation of human induced pluripotent stem cell-derived cardiomyocytes. <i>Biomaterials</i> , 2015 , 67, 52-64	15.6	52
108	DHCEO accumulation is a critical mediator of pathophysiology in a Smith-Lemli-Opitz syndrome model. <i>Neurobiology of Disease</i> , 2012 , 45, 923-9	7.5	52
107	Cellular manganese content is developmentally regulated in human dopaminergic neurons. <i>Scientific Reports</i> , 2014 , 4, 6801	4.9	51
106	Manganese-induced Neurotoxicity: From to Humans. <i>Toxicology Research</i> , 2015 , 4, 191-202	2.6	48
105	Altered manganese homeostasis and manganese toxicity in a Huntington's disease striatal cell model are not explained by defects in the iron transport system. <i>Toxicological Sciences</i> , 2010 , 117, 169-74	4.4	47
104	Identification of a common Wnt-associated genetic signature across multiple cell types in pulmonary arterial hypertension. <i>American Journal of Physiology - Cell Physiology</i> , 2014 , 307, C415-30	5.4	46
103	A novel manganese-dependent ATM-p53 signaling pathway is selectively impaired in patient-based neuroprogenitor and murine striatal models of Huntington's disease. <i>Human Molecular Genetics</i> , 2015 , 24, 1929-44	5.6	44
102	Genetic risk for Parkinson's disease correlates with alterations in neuronal manganese sensitivity between two human subjects. <i>NeuroToxicology</i> , 2012 , 33, 1443-1449	4.4	39

101	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntington's disease. <i>Scientific Reports</i> , 2017 , 7, 5280	4.9	38
100	PARK2 patient neuroprogenitors show increased mitochondrial sensitivity to copper. <i>Neurobiology of Disease</i> , 2015 , 73, 204-12	7.5	37
99	SLC30A10: A novel manganese transporter. <i>Worm</i> , 2015 , 4, e1042648		36
98	Allosteric activation of M4 muscarinic receptors improve behavioral and physiological alterations in early symptomatic YAC128 mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14078-83	11.5	36
97	The potential of induced pluripotent stem cells as a translational model for neurotoxicological risk. <i>NeuroToxicology</i> , 2012 , 33, 518-29	4.4	36
96	Disease-toxicant interactions in manganese exposed Huntington disease mice: early changes in striatal neuron morphology and dopamine metabolism. <i>PLoS ONE</i> , 2012 , 7, e31024	3.7	36
95	Age- and manganese-dependent modulation of dopaminergic phenotypes in a C. elegans DJ-1 genetic model of Parkinson's disease. <i>Metallomics</i> , 2015 , 7, 289-98	4.5	35
94	New Insights on the Role of Manganese in Alzheimer's Disease and Parkinson's Disease. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	33
93	Endothelial cells are critical regulators of iron transport in a model of the human blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2117-2131	7.3	31
92	Manganese and the Insulin-IGF Signaling Network in Huntington's Disease and Other Neurodegenerative Disorders. <i>Advances in Neurobiology</i> , 2017 , 18, 113-142	2.1	31
91	The effects of manganese overexposure on brain health. <i>Neurochemistry International</i> , 2020 , 135, 104688	4.4	30
90	Animal models of autism spectrum disorders: information for neurotoxicologists. <i>NeuroToxicology</i> , 2009 , 30, 811-21	4.4	29
89	Oxidative stress, caspase-3 activation and cleavage of ROCK-1 play an essential role in MeHg-induced cell death in primary astroglial cells. <i>Food and Chemical Toxicology</i> , 2018 , 113, 328-336	4.7	28
88	Gender and manganese exposure interactions on mouse striatal neuron morphology. <i>NeuroToxicology</i> , 2011 , 32, 896-906	4.4	27
87	Genomic Instability Associated with p53 Knockdown in the Generation of Huntington's Disease Human Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2016 , 11, e0150372	3.7	27
86	Reduced bioavailable manganese causes striatal urea cycle pathology in Huntington's disease mouse model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1596-1604	6.9	25
85	From the Cover: Manganese and Rotenone-Induced Oxidative Stress Signatures Differ in iPSC-Derived Human Dopamine Neurons. <i>Toxicological Sciences</i> , 2017 , 159, 366-379	4.4	25
84	Lipid modifications of Sonic hedgehog ligand dictate cellular reception and signal response. <i>PLoS ONE</i> , 2011 , 6, e21353	3.7	25

83	Untargeted metabolic profiling identifies interactions between Huntington's disease and neuronal manganese status. <i>Metallomics</i> , 2015 , 7, 363-70	4.5	24
82	Sex- and structure-specific differences in antioxidant responses to methylmercury during early development. <i>NeuroToxicology</i> , 2016 , 56, 118-126	4.4	23
81	Novel high-throughput assay to assess cellular manganese levels in a striatal cell line model of Huntington's disease confirms a deficit in manganese accumulation. <i>NeuroToxicology</i> , 2011 , 32, 630-9	4.4	23
80	Iron and manganese-related CNS toxicity: mechanisms, diagnosis and treatment. <i>Expert Review of Neurotherapeutics</i> , 2019 , 19, 243-260	4.3	23
79	Loss of pdr-1/parkin influences Mn homeostasis through altered ferroportin expression in <i>C. elegans</i> . <i>Metallomics</i> , 2015 , 7, 847-56	4.5	22
78	Changes in the striatal proteome of YAC128Q mice exhibit gene-environment interactions between mutant huntingtin and manganese. <i>Journal of Proteome Research</i> , 2012 , 11, 1118-32	5.6	22
77	Dysregulation of TFEB contributes to manganese-induced autophagic failure and mitochondrial dysfunction in astrocytes. <i>Autophagy</i> , 2020 , 16, 1506-1523	10.2	22
76	Manganese in the Diet: Bioaccessibility, Adequate Intake, and Neurotoxicological Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12893-12903	5.7	22
75	Combined exposure to methylmercury and manganese during L1 larval stage causes motor dysfunction, cholinergic and monoaminergic up-regulation and oxidative stress in L4 <i>Caenorhabditis elegans</i> . <i>Toxicology</i> , 2019 , 411, 154-162	4.4	19
74	Post-translational modifications in MeHg-induced neurotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2068-2081	6.9	19
73	BDNF and Huntingtin protein modifications by manganese: implications for striatal medium spiny neuron pathology in manganese neurotoxicity. <i>Journal of Neurochemistry</i> , 2014 , 131, 655-66	6	18
72	Role of <i>Caenorhabditis elegans</i> AKT-1/2 and SGK-1 in Manganese Toxicity. <i>Neurotoxicity Research</i> , 2018 , 34, 584-596	4.3	17
71	Manganese-induced neurodegenerative diseases and possible therapeutic approaches. <i>Expert Review of Neurotherapeutics</i> , 2020 , 20, 1109-1121	4.3	17
70	Phosphatidylinositol 3 kinase (PI3K) modulates manganese homeostasis and manganese-induced cell signaling in a murine striatal cell line. <i>NeuroToxicology</i> , 2018 , 64, 185-194	4.4	17
69	Heterozygous loss of TSC2 alters p53 signaling and human stem cell reprogramming. <i>Human Molecular Genetics</i> , 2017 , 26, 4629-4641	5.6	16
68	Brain diseases in changing climate. <i>Environmental Research</i> , 2019 , 177, 108637	7.9	16
67	The impact of manganese on neurotransmitter systems. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020 , 61, 126554	4.1	16
66	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2020 , 77, 105-113	4.4	15

65	Cellular fura-2 manganese extraction assay (CFMEA). <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2011 , Chapter 12, Unit 12.18	1	15
64	Morphometric analysis in neurodegenerative disorders. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2010 , Chapter 12, Unit 12.16	1	15
63	Functional characterization of a testis-specific DNA binding activity at the H19/Igf2 imprinting control region. <i>Molecular and Cellular Biology</i> , 2003 , 23, 8345-51	4.8	15
62	Huntington's disease associated resistance to Mn neurotoxicity is neurodevelopmental stage and neuronal lineage dependent. <i>NeuroToxicology</i> , 2019 , 75, 148-157	4.4	14
61	Acute manganese treatment restores defective autophagic cargo loading in Huntington's disease cell lines. <i>Human Molecular Genetics</i> , 2019 , 28, 3825-3841	5.6	13
60	Manganese Acts upon Insulin/IGF Receptors to Phosphorylate AKT and Increase Glucose Uptake in Huntington's Disease Cells. <i>Molecular Neurobiology</i> , 2020 , 57, 1570-1593	6.2	13
59	Huntington's disease genotype suppresses global manganese-responsive processes in pre-manifest and manifest YAC128 mice. <i>Metallomics</i> , 2020 , 12, 1118-1130	4.5	10
58	Manganese-induced Mitochondrial Dysfunction Is Not Detectable at Exposures Below the Acute Cytotoxic Threshold in Neuronal Cell Types. <i>Toxicological Sciences</i> , 2020 , 176, 446-459	4.4	10
57	Linear and Curvilinear Trajectories of Cortical Loss with Advancing Age and Disease Duration in Parkinson's Disease 2016 , 7, 220-9		10
56	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
55	Sex-Specific Response of <i>Caenorhabditis elegans</i> to Methylmercury Toxicity. <i>Neurotoxicity Research</i> , 2019 , 35, 208-216	4.3	9
54	Screening ToxCast for Chemicals That Affect Cholesterol Biosynthesis: Studies in Cell Culture and Human Induced Pluripotent Stem Cell-Derived Neuroprogenitors. <i>Environmental Health Perspectives</i> , 2020 , 128, 17014	8.4	8
53	Pharmaceutical iron formulations do not cross a model of the human blood-brain barrier. <i>PLoS ONE</i> , 2018 , 13, e0198775	3.7	8
52	Novel BAC Mouse Model of Huntington's Disease with 225 CAG Repeats Exhibits an Early Widespread and Stable Degenerative Phenotype. <i>Journal of Huntingtons Disease</i> , 2015 , 4, 17-36	1.9	8
51	Optimization of fluorescence assay of cellular manganese status for high throughput screening. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013 , 27, 42-9	3.4	7
50	Embryonic Mutant Huntingtin Aggregate Formation in Mouse Models of Huntington's Disease. <i>Journal of Huntingtons Disease</i> , 2016 , 5, 343-346	1.9	7
49	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , 2021 , 95, 2263-2278	5.8	6
48	Ascorbate deficiency decreases dopamine release in <i>gulo</i> and APP/PSEN1 mice. <i>Journal of Neurochemistry</i> , 2021 , 157, 656-665	6	6

47	BXD recombinant inbred strains participate in social preference, anxiety and depression behaviors along sex-differences in cytokines and tactile allodynia. <i>Psychoneuroendocrinology</i> , 2017 , 80, 92-98	5	5
46	Human-induced pluripotent stems cells as a model to dissect the selective neurotoxicity of methylmercury. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 129300	4	5
45	Phenotypic Discordance in Siblings with Identical Compound Heterozygous PARK2 Mutations. <i>Brain Sciences</i> , 2017 , 7,	3-4	5
44	Novel BAC Mouse Model of Huntington's Disease with 225 CAG Repeats Exhibits an Early Widespread and Stable Degenerative Phenotype. <i>Journal of Huntington's Disease</i> , 2015 , 4, 17-36	1-9	5
43	New insights on mechanisms underlying methylmercury-induced and manganese-induced neurotoxicity. <i>Current Opinion in Toxicology</i> , 2021 , 25, 30-35	4-4	5
42	Environmentally relevant developmental methylmercury exposures alter neuronal differentiation in a human-induced pluripotent stem cell model. <i>Food and Chemical Toxicology</i> , 2021 , 152, 112178	4-7	5
41	Striatal Cholesterol Precursors Are Altered with Age in Female Huntington's Disease Model Mice. <i>Journal of Huntington's Disease</i> , 2019 , 8, 161-169	1-9	4
40	Therapeutic Efficacy of the N,N' Bis-(2-Mercaptoethyl) Isophthalamide Chelator for Methylmercury Intoxication in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020 , 38, 133-144	4-3	4
39	The cytoplasmic thioredoxin system in <i>Caenorhabditis elegans</i> affords protection from methylmercury in an age-specific manner. <i>NeuroToxicology</i> , 2018 , 68, 189-202	4-4	4
38	RNASeq in <i>C. elegans</i> Following Manganese Exposure. <i>Current Protocols in Toxicology / Editorial Board</i> , Mahin D Maines (editor-in-chief) [et Al], 2015 , 65, 11.20.1-11.20.17	1	4
37	Gammaretroviral vector encoding a fluorescent marker to facilitate detection of reprogrammed human fibroblasts during iPSC generation. <i>PeerJ</i> , 2013 , 1, e224	3-1	4
36	N,N' bis-(2-mercaptoethyl) isophthalamide induces developmental delay in by promoting DAF-16 nuclear localization. <i>Toxicology Reports</i> , 2020 , 7, 930-937	4-8	4
35	Cephalic Neuronal Vesicle Formation is Developmentally Dependent and Modified by Methylmercury and sti-1 in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2020 , 45, 2939-2948	4-6	4
34	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020 , 38, 751-764	4-3	4
33	A Small-Molecule Modulator of Metal Homeostasis in Gram-Positive Pathogens. <i>MBio</i> , 2020 , 11,	7-8	4
32	Defective Mitochondrial Dynamics Underlie Manganese-Induced Neurotoxicity. <i>Molecular Neurobiology</i> , 2021 , 58, 3270-3289	6-2	4
31	Latent alterations in swimming behavior by developmental methylmercury exposure are modulated by the homolog of tyrosine hydroxylase in <i>Caenorhabditis elegans</i> . <i>Neurotoxicology and Teratology</i> , 2021 , 85, 106963	3-9	4
30	Small Molecule Modifiers of In Vitro Manganese Transport Alter Toxicity In Vivo. <i>Biological Trace Element Research</i> , 2019 , 188, 127-134	4-5	4

29	The antioxidant role of STAT3 in methylmercury-induced toxicity in mouse hypothalamic neuronal GT1-7 cell line. <i>Free Radical Biology and Medicine</i> , 2021 , 171, 245-259	7.8	4
28	Hyperexcitability and Pharmacological Responsiveness of Cortical Neurons Derived from Human iPSCs Carrying Epilepsy-Associated Sodium Channel Nav1.2-L1342P Genetic Variant. <i>Journal of Neuroscience</i> , 2021 , 41, 10194-10208	6.6	3
27	Induced Pluripotent Stem Cells (iPSCs): An Emerging Model System for the Study of Human Neurotoxicology. <i>Neuromethods</i> , 2011 , 27-61	0.4	3
26	Social injustice in environmental health: A call for fortitude. <i>Environmental Research</i> , 2021 , 194, 110675	7.9	3
25	Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111924	4.7	3
24	A bistable, multiport valve enables microformulators creating microclinical analyzers that reveal aberrant glutamate metabolism in astrocytes derived from a tuberous sclerosis patient. <i>Sensors and Actuators B: Chemical</i> , 2021 , 341, 129972-129972	8.5	3
23	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
22	Chapter 22:Manganese and Huntington Disease. <i>Issues in Toxicology</i> , 2014 , 540-573	0.3	2
21	Morphometric Analysis in Neurodegenerative Disorders. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2010 , 46, 12.16.1	1	2
20	Evaluating the risk of manganese-induced neurotoxicity of parenteral nutrition: review of the current literature. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021 , 17, 581-593	5.5	2
19	Chronic exposure to methylmercury disrupts ghrelin actions in C57BL/6J mice. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111918	4.7	2
18	Whole body potassium as a biomarker for potassium uptake using a mouse model. <i>Scientific Reports</i> , 2021 , 11, 6385	4.9	2
17	Single cell RNA sequencing detects persistent cell type- and methylmercury exposure paradigm-specific effects in a human cortical neurodevelopmental model. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112288	4.7	2
16	YAC128 mouse model of Huntington disease is protected against subtle chronic manganese (Mn)-induced behavioral and neuropathological changes. <i>NeuroToxicology</i> , 2021 , 87, 94-105	4.4	2
15	Identification of a selective manganese ionophore that enables nonlethal quantification of cellular manganese. <i>Journal of Biological Chemistry</i> , 2020 , 295, 3875-3890	5.4	1
14	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
13	The Impact of Environmental Factors on Monogenic Mendelian Diseases. <i>Toxicological Sciences</i> , 2021 , 181, 3-12	4.4	1
12	Connections Between Manganese Neurotoxicity and Neurological Disease. <i>Advances in Neurotoxicology</i> , 2018 , 2, 87-113	1.6	1

11	The Role of Human LRRK2 in Acute Methylmercury Toxicity in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2021 , 46, 2991-3002	4.6	1
10	Rodent hair is a Poor biomarker for internal manganese exposure. <i>Food and Chemical Toxicology</i> , 2021 , 157, 112555	4.7	1
9	Manganese-induced hyperactivity and dopaminergic dysfunction depend on age, sex and YAC128 genotype.. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 213, 173337	3.9	0
8	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. <i>Environmental Epigenetics</i> , 2021 , 7, dvab014	2.4	0
7	The Modulatory Role of sti-1 in Methylmercury-Induced Toxicity in <i>Caenorhabditis elegans</i> .. <i>Neurotoxicity Research</i> , 2022 , 40, 837	4.3	0
6	GeneEnvironment Interactions in Huntington's Disease 2015 , 355-383		
5	Modeling Genetic and Environment Interactions Relevant to Huntington's and Parkinson's Disease in Human Induced Pluripotent Stem Cells (hiPSCs)-Derived Neurons 2018 , 159-171		
4	Die Rolle von Mangan bei neurodegenerativen Erkrankungen. <i>Perspectives in Medicine</i> , 2014 , 2, 91-108		
3	Metal Biology Associated with Huntington's Disease 2017 , 231-263		
2	Oxidative Stress Signatures in Human Stem Cell-Derived Neurons. <i>Neuromethods</i> , 2019 , 37-49	0.4	
1	Manganese Neurotoxicity 2021 , 1-26		