

Michael Aschner

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.

673
papers

25,859
citations

83
h-index

131
g-index

798
ext. papers

31,337
ext. citations

4.9
avg, IF

7.55
L-index

#	Paper	IF	Citations
673	Intercellular transfer of mitochondria via tunneling nanotubes protects against cobalt nanoparticle-induced neurotoxicity and mitochondrial damage.. <i>Nanotoxicology</i> , 2022 , 1-22	5.3	2
672	A Novel Diselenide-Probucol-Analogue Protects Against Methylmercury-Induced Toxicity in HT22 Cells by Upregulating Peroxide Detoxification Systems: a Comparison with Diphenyl Diselenide.. <i>Neurotoxicity Research</i> , 2022 , 40, 127-139	4.3	
671	Neurotoxicology of metals 2022 , 445-458		
670	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
669	Aquaporin 4 in Traumatic Brain Injury: From Molecular Pathways to Therapeutic Target.. <i>Neurochemical Research</i> , 2022 , 47, 860	4.6	1
668	Assessment of intestinal injury of hexavalent chromium using a modified in vitro gastrointestinal digestion model.. <i>Toxicology and Applied Pharmacology</i> , 2022 , 436, 115880	4.6	0
667	Effects of co-exposure to lead and manganese on learning and memory deficits. <i>Journal of Environmental Sciences</i> , 2022 , 121, 65-76	6.4	1
666	The Role of Persistent Organic Pollutants in Obesity: A Review of Laboratory and Epidemiological Studies.. <i>Toxics</i> , 2022 , 10,	4.7	1
665	Effects of Sub-chronic Lead Exposure on Essential Element Levels in Mice.. <i>Biological Trace Element Research</i> , 2022 , 1	4.5	0
664	Effect of Solanum vegetables on memory index, redox status, and expressions of critical neural genes in Drosophila melanogaster model of memory impairment.. <i>Metabolic Brain Disease</i> , 2022 , 1	3.9	2
663	Suppression of colorectal carcinogenesis by naringin.. <i>Phytomedicine</i> , 2022 , 96, 153897	6.5	0
662	Hypoxia causes mitochondrial dysfunction and brain memory disorder in a manner mediated by the reduction of Cirbp. <i>Science of the Total Environment</i> , 2022 , 806, 151228	10.2	1
661	Phytochemical profile, antioxidant, antiproliferative, and enzyme inhibition-docking analyses of Celep & Doñn.. <i>South African Journal of Botany</i> , 2022 , 146, 36-47	2.9	3
660	Meteorological parameters and cases of COVID-19 in Brazilian cities: an observational study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022 , 85, 14-28	3.2	
659	The Use and Predictability of C. elegans as an Alternative and Complementary Model in Neurotoxicological Studies: Focus on the Dopaminergic System. <i>Molecular and Integrative Toxicology</i> , 2022 , 1-18	0.5	
658	Effects of exposure to buprenorphine on oxidative stress and apoptosis in the hippocampus of rat pups.. <i>Toxicology Reports</i> , 2022 , 9, 311-315	4.8	
657	Chemotherapeutic Risk lncRNA-PVT1 SNP Sensitizes Metastatic Colorectal Cancer to FOLFOX Regimen.. <i>Frontiers in Oncology</i> , 2022 , 12, 808889	5.3	1

656	Alpha-Mangostin Alleviates the Short-term 6-Hydroxydopamine-Induced Neurotoxicity and Oxidative Damage in Rat Cortical Slices and in <i>Caenorhabditis elegans</i> .. <i>Neurotoxicity Research</i> , 2022 , 1	4.3	0
655	Differential effects of subchronic acrylonitrile exposure on hydrogen sulfide levels in rat blood, brain, and liver.. <i>Toxicology Research</i> , 2022 , 11, 374-384	2.6	0
654	Protein phosphatase 2A regulates cytotoxicity and drug resistance by dephosphorylating xenobiotic metabolism enzymes AHR and MDR1.. <i>Journal of Biological Chemistry</i> , 2022 , 101918	5.4	0
653	CpG site-specific methylation as epi-biomarkers for the prediction of health risk in PAHs-exposed populations.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128538	12.8	1
652	Mercury and cancer: Where are we now after two decades of research?. <i>Food and Chemical Toxicology</i> , 2022 , 113001	4.7	2
651	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
650	Toxic metals that interact with thiol groups and alteration in insect behavior.. <i>Current Opinion in Insect Science</i> , 2022 , 52, 100923	5.1	0
649	Iron overload and neurodegenerative diseases: What can we learn from <i>Caenorhabditis elegans</i> ?. <i>Toxicology Research and Application</i> , 2022 , 6, 239784732210918	0.8	0
648	Thallium Induces Antiproliferative and Cytotoxic Activity in Glioblastoma C6 and U373 Cell Cultures via Apoptosis and Changes in Cell Cycle.. <i>Neurotoxicity Research</i> , 2022 , 40, 814	4.3	0
647	D-Ribose-LCysteine attenuates manganese-induced cognitive and motor deficit, oxidative damage, and reactive microglia activation.. <i>Environmental Toxicology and Pharmacology</i> , 2022 , 93, 103872	5.8	0
646	Methylcyclopentadienyl Manganese Tricarbonyl Alter Behavior and Cause Ultrastructural Changes in the Substantia Nigra of Rats: Comparison with Inorganic Manganese Chloride.. <i>Neurochemical Research</i> , 2022 , 1	4.6	0
645	Sodium P-aminosalicylic Acid Inhibits Manganese-Induced Neuroinflammation in BV2 Microglial Cells via NLRP3-CASP1 Inflammasome Pathway. <i>Biological Trace Element Research</i> , 2021 , 199, 3423-3432	4.5	7
644	The Endocannabinoid System in <i>Caenorhabditis elegans</i> . <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2021 , 1	2.9	0
643	An Update on the Critical Role of β Synuclein in Parkinson's Disease and Other Synucleinopathies: from Tissue to Cellular and Molecular Levels. <i>Molecular Neurobiology</i> , 2021 , 1	6.2	2
642	Aquaporin 4 and brain-related disorders: Insights into its apoptosis roles. <i>EXCLI Journal</i> , 2021 , 20, 983-994	4.4	1
641	Neurotoxicology: It cast a big shadow over the last 30 years and there is no sign that the sun is about to set. <i>NeuroToxicology</i> , 2021 , 88, 102-105	4.4	0
640	Manganese phosphorylates Yin Yang 1 at serine residues to repress EAAT2 in human H4 astrocytes. <i>Toxicology Letters</i> , 2021 , 355, 41-46	4.4	0
639	HER2-specific chimeric antigen receptor-T cells for targeted therapy of metastatic colorectal cancer. <i>Cell Death and Disease</i> , 2021 , 12, 1109	9.8	1

638	Role of excretion in manganese homeostasis and neurotoxicity: A historical perspective. <i>American Journal of Physiology - Renal Physiology</i> , 2021 ,	5.1	3
637	miRNA-148b and its role in various cancers. <i>Epigenomics</i> , 2021 , 13, 1939-1960	4.4	3
636	Therapeutic potential of marine peptides in cervical and ovarian cancers. <i>Molecular and Cellular Biochemistry</i> , 2021 , 1	4.2	1
635	Leveraging artificial intelligence to advance the understanding of chemical neurotoxicity.. <i>NeuroToxicology</i> , 2021 , 89, 9-11	4.4	0
634	Determination of tipping point in course of PM organic extracts-induced malignant transformation by dynamic network biomarkers.. <i>Journal of Hazardous Materials</i> , 2021 , 426, 128089	12.8	0
633	The influences of ambient fine particulate matter constituents on plasma hormones, circulating TMAO levels and blood pressure: A panel study in China.. <i>Environmental Pollution</i> , 2021 , 296, 118746	9.3	0
632	Bcl-2 Modulation in p53 Signaling Pathway by Flavonoids: A Potential Strategy towards the Treatment of Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
631	Astrocytic transcription factor REST upregulates glutamate transporter EAAT2, protecting dopaminergic neurons from manganese-induced excitotoxicity. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101372	5.4	1
630	PP2A-mTOR-p70S6K/4E-BP1 axis regulates M1 polarization of pulmonary macrophages and promotes ambient particulate matter induced mouse lung injury. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127624	12.8	1
629	Resveratrol mediates its anti-cancer effects by Nrf2 signaling pathway activation. <i>Cancer Cell International</i> , 2021 , 21, 579	6.4	2
628	Anti-inflammatory action of astaxanthin and its use in the treatment of various diseases. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112179	7.5	7
627	3,3'-diindolylmethane exerts antiproliferation and apoptosis induction by TRAF2-p38 axis in gastric cancer. <i>Anti-Cancer Drugs</i> , 2021 , 32, 189-202	2.4	6
626	S-allylcysteine induces cytotoxic effects in two human lung cancer cell lines via induction of oxidative damage, downregulation of Nrf2 and NF- κ B, and apoptosis. <i>Anti-Cancer Drugs</i> , 2021 , 32, 117-126	2.4	2
625	Review of the mechanism underlying mefloquine-induced neurotoxicity. <i>Critical Reviews in Toxicology</i> , 2021 , 51, 209-216	5.7	1
624	Perinatal and early-life cobalt exposure impairs essential metal metabolism in immature ICR mice. <i>Food and Chemical Toxicology</i> , 2021 , 149, 111973	4.7	0
623	Acute acrylonitrile exposure inhibits endogenous HS biosynthesis in rat brain and liver: The role of CBS/3-MPST-HS pathway in its astrocytic toxicity. <i>Toxicology</i> , 2021 , 451, 152685	4.4	3
622	Defective Mitochondrial Dynamics Underlie Manganese-Induced Neurotoxicity. <i>Molecular Neurobiology</i> , 2021 , 58, 3270-3289	6.2	4
621	Nutritive Manganese and Zinc Overdosing in Aging <i>C. elegans</i> Result in a Metallothionein-Mediated Alteration in Metal Homeostasis. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2001176	5.9	1

620	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
619	New insights on mechanisms underlying methylmercury-induced and manganese-induced neurotoxicity. <i>Current Opinion in Toxicology</i> , 2021 , 25, 30-35	4.4	5
618	Protective Effects of Novel Substituted Triazinoindole Inhibitors of Aldose Reductase and Epalrestat in Neuron-like PC12 Cells and BV2 Rodent Microglial Cells Exposed to Toxic Models of Oxidative Stress: Comparison with the Pyridoindole Antioxidant Stobadine. <i>Neurotoxicity Research</i> , 2021 , 39, 588-597	4.3	0
617	Social injustice in environmental health: A call for fortitude. <i>Environmental Research</i> , 2021 , 194, 110675	7.9	3
616	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , 2021 , 10, 32	1.2	11
615	Therapeutic Potential of Resveratrol in the Treatment of Glioma: Insights into its Regulatory Mechanisms. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021 , 21, 2835-2847	3.2	2
614	Signal transduction associated with lead-induced neurological disorders: A review. <i>Food and Chemical Toxicology</i> , 2021 , 150, 112063	4.7	9
613	Allicin and Digestive System Cancers: From Chemical Structure to Its Therapeutic Opportunities. <i>Frontiers in Oncology</i> , 2021 , 11, 650256	5.3	12
612	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
611	Serum Zinc, Copper, and Other Biometals Are Associated with COVID-19 Severity Markers. <i>Metabolites</i> , 2021 , 11,	5.6	17
610	Novel Pharmacotherapies in Parkinson Disease. <i>Neurotoxicity Research</i> , 2021 , 39, 1381-1390	4.3	6
609	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , 2021 , 95, 2263-2278	5.8	6
608	Overview of Chemotaxis Behavior Assays in <i>Caenorhabditis elegans</i> . <i>Current Protocols</i> , 2021 , 1, e120		1
607	Measurement of the Effects of Metals on Taxis-to-Food Behavior in <i>Caenorhabditis elegans</i> . <i>Current Protocols</i> , 2021 , 1, e131		0
606	In silico Studies on the Interaction between Mpro and PLpro From SARS-CoV-2 and Ebselen, its Metabolites and Derivatives. <i>Molecular Informatics</i> , 2021 , 40, e2100028	3.8	15
605	Redox-active phytoconstituents ameliorate cell damage and inflammation in rat hippocampal neurons exposed to hyperglycemia+Al β peptide. <i>Neurochemistry International</i> , 2021 , 145, 104993	4.4	1
604	Nrf2 a molecular therapeutic target for Astaxanthin. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111374	7.5	15
603	Luteolin and cancer metastasis suppression: focus on the role of epithelial to mesenchymal transition. <i>Medical Oncology</i> , 2021 , 38, 66	3.7	4

602	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
601	Anti-inflammatory effects of thymoquinone and its protective effects against several diseases. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111492	7.5	10
600	Perturbed MAPK signaling in ASD: Impact of metal neurotoxicity. <i>Current Opinion in Toxicology</i> , 2021 , 26, 1-7	4.4	3
599	Endothelial Dysfunction Induced by Cadmium and Mercury and its Relationship to Hypertension. <i>Current Hypertension Reviews</i> , 2021 , 17, 14-26	2.3	5
598	Mechanisms of Metal-Induced Mitochondrial Dysfunction in Neurological Disorders. <i>Toxics</i> , 2021 , 9,	4.7	4
597	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
596	Probiotics and the Treatment of Parkinson Disease: An Update. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1	4.6	1
595	Perturbation of Specific Signaling Pathways Is Involved in Initiation of Mouse Liver Fibrosis. <i>Hepatology</i> , 2021 , 73, 1551-1569	11.2	5
594	Therapeutic potential of alkaloids in autoimmune diseases: Promising candidates for clinical trials. <i>Phytotherapy Research</i> , 2021 , 35, 50-62	6.7	2
593	Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , 2021 , 8, 1-9	4.8	38
592	Chronic exposure to methylmercury disrupts ghrelin actions in C57BL/6J mice. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111918	4.7	2
591	The effect of diazinon on blood glucose homeostasis: a systematic and meta-analysis study. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 4007-4018	5.1	3
590	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
589	An updated systematic review on the association between Cd exposure, blood pressure and hypertension. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111636	7	8
588	Isolevuglandins (isoLGs) as toxic lipid peroxidation byproducts and their pathogenetic role in human diseases. <i>Free Radical Biology and Medicine</i> , 2021 , 162, 266-273	7.8	4
587	URB597 Prevents the Short-Term Excitotoxic Cell Damage in Rat Cortical Slices: Role of Cannabinoid 1 Receptors. <i>Neurotoxicity Research</i> , 2021 , 39, 146-155	4.3	1
586	Haloperidol Interactions with the dop-3 Receptor in <i>Caenorhabditis elegans</i> . <i>Molecular Neurobiology</i> , 2021 , 58, 304-316	6.2	2
585	Plumbagin attenuates traumatic tracheal stenosis in rats and inhibits lung fibroblast proliferation and differentiation via TGF- β /Smad and Akt/mTOR pathways. <i>Bioengineered</i> , 2021 , 12, 4475-4488	5.7	0

584	NEUROTOXICITY OF METAL MIXTURES. <i>Advances in Neurotoxicology</i> , 2021 , 5, 329-364	1.6	1
583	Evaluations of Environmental Pollutant-Induced Mitochondrial Toxicity Using <i>Caenorhabditis elegans</i> as a Model System. <i>Methods in Molecular Biology</i> , 2021 , 2326, 33-46	1.4	0
582	Neurotoxicity mechanisms of manganese in the central nervous system. <i>Advances in Neurotoxicology</i> , 2021 , 5, 215-238	1.6	3
581	Molecular mechanisms of aluminum neurotoxicity: Update on adverse effects and therapeutic strategies. <i>Advances in Neurotoxicology</i> , 2021 , 5, 1-34	1.6	11
580	Neurotoxicity of mercury: an old issue with contemporary significance. <i>Advances in Neurotoxicology</i> , 2021 , 5, 239-262	1.6	4
579	Risk factors associated with COVID-19-induced death in patients hospitalized in intensive care units (ICUs) in a city in Southern Brazil. <i>Toxicology Reports</i> , 2021 , 8, 1565-1568	4.8	0
578	MOLECULAR MECHANISMS OF LEAD NEUROTOXICITY. <i>Advances in Neurotoxicology</i> , 2021 , 5, 159-213	1.6	5
577	Protective Effects of Sodium Para-aminosalicylic Acid on Manganese-Induced Damage in Rat Pancreas. <i>Biological Trace Element Research</i> , 2021 , 199, 3759-3771	4.5	0
576	Sodium P-aminosalicylic Acid Attenuates Manganese-Induced Neuroinflammation in BV2 Microglia by Modulating NF- κ B Pathway. <i>Biological Trace Element Research</i> , 2021 , 199, 4688-4699	4.5	4
575	Zinc. <i>Advances in Food and Nutrition Research</i> , 2021 , 96, 251-310	6	7
574	Manganese Neurotoxicity 2021 , 1-26		
573	Commonalities between Copper Neurotoxicity and Alzheimer's Disease. <i>Toxics</i> , 2021 , 9,	4.7	9
572	Novel Pharmacotherapies for L-DOPA-Induced Dyskinesia 2021 , 1-19		0
571	Review of current neurotoxicology biomarkers 2021 , 215-231		
570	Curcumin Efficacy in a Serum/glucose Deprivation-induced Neuronal PC12 Injury Model. <i>Current Molecular Pharmacology</i> , 2021 ,	3.7	6
569	Alterations in serum amino acid profiles in children with attention deficit/hyperactivity disorder. <i>Biomedical Reports</i> , 2021 , 14, 47	1.8	3
568	Whole body potassium as a biomarker for potassium uptake using a mouse model. <i>Scientific Reports</i> , 2021 , 11, 6385	4.9	2
567	Assessing the neurotoxicity of the carbamate methomyl in <i>Caenorhabditis elegans</i> with a multi-level approach. <i>Toxicology</i> , 2021 , 451, 152684	4.4	1

566	Estimated IQ points and lifetime earnings lost to early childhood blood lead levels in the United States. <i>Science of the Total Environment</i> , 2021 , 778, 146307	10.2	3
565	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
564	Copper, Iron, Selenium and Lipo-Glycemic Dysmetabolism in Alzheimer® Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
563	lncRNA TUG1 as a ceRNA promotes PM exposure-induced airway hyper-reactivity. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125878	12.8	2
562	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
561	Molecular targets for the management of gastrointestinal cancer using melatonin, a natural endogenous body hormone. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111782	7.5	2
560	Platinum nanoparticles Protect Against Lipopolysaccharide-Induced Inflammation in Microglial BV-2 Cells via Decreased Oxidative Damage and Increased Phagocytosis. <i>Neurochemical Research</i> , 2021 , 46, 3325-3341	4.6	
559	Therapeutic Effects of Sodium Para-Aminosalicylic Acid on Cognitive Deficits and Activated ERK1/2-p90/NF- κ B Inflammatory Pathway in Pb-Exposed Rats. <i>Biological Trace Element Research</i> , 2021 , 1	4.5	1
558	Hair Lead, Aluminum, and Other Toxic Metals in Normal-Weight and Obese Patients with Coronary Heart Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
557	Curcumin-cisplatin chemotherapy: A novel strategy in promoting chemotherapy efficacy and reducing side effects. <i>Phytotherapy Research</i> , 2021 ,	6.7	8
556	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
555	New epigenetic players in stroke pathogenesis: From non-coding RNAs to exosomal non-coding RNAs. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111753	7.5	13
554	Combination of natural antivirals and potent immune invigorators: A natural remedy to combat COVID-19. <i>Phytotherapy Research</i> , 2021 ,	6.7	5
553	Up-regulation of the manganese transporter SLC30A10 by hypoxia-inducible factors defines a homeostatic response to manganese toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
552	Antimetastatic Effects of Curcumin in Oral and Gastrointestinal Cancers. <i>Frontiers in Pharmacology</i> , 2021 , 12, 668567	5.6	5
551	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
550	STAT3 pathway as a molecular target for resveratrol in breast cancer treatment. <i>Cancer Cell International</i> , 2021 , 21, 468	6.4	2
549	Metallobiology and therapeutic chelation of biometals (copper, zinc and iron) in Alzheimer® disease: Limitations, and current and future perspectives. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 67, 126779	4.1	14

548	Impact of environmental toxicants on p38- and ERK-MAPK signaling pathways in the central nervous system. <i>NeuroToxicology</i> , 2021 , 86, 166-171	4.4	5
547	D-Ribose-L-Cysteine Improves Glutathione Levels, Neuronal and Mitochondrial Ultrastructural Damage, Caspase-3 and GFAP Expressions Following Manganese-Induced Neurotoxicity. <i>Neurotoxicity Research</i> , 2021 , 39, 1846-1858	4.3	1
546	Manganese-induced reactive oxygen species activate IB kinase to upregulate YY1 and impair glutamate transporter EAAT2 function in human astrocytes in vitro. <i>NeuroToxicology</i> , 2021 , 86, 94-103	4.4	0
545	Hypoxia-Inducible Exosomes Facilitate Liver-Tropic Premetastatic Niche in Colorectal Cancer. <i>Hepatology</i> , 2021 , 74, 2633-2651	11.2	13
544	Marine peptides in breast cancer: Therapeutic and mechanistic understanding. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112038	7.5	1
543	Cobalt induces neurodegenerative damages through Pin1 inactivation in mice and human neuroglioma cells. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126378	12.8	4
542	Oxidative Stress Indices Changes in the Hearts of Rat Pups in Response to Maternal Buprenorphine Treatment during Gestation and Lactation. <i>Cardiovascular Toxicology</i> , 2021 , 1	3.4	0
541	Caenorhabditis elegans as a model for studies on quinolinic acid-induced NMDAR-dependent glutamatergic disorders. <i>Brain Research Bulletin</i> , 2021 , 175, 90-98	3.9	1
540	Silymarin (milk thistle extract) as a therapeutic agent in gastrointestinal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 142, 112024	7.5	9
539	Environmental and health hazards of military metal pollution. <i>Environmental Research</i> , 2021 , 201, 111568	8.9	5
538	Diterpene glycosides from <i>Holothuria scabra</i> exert the β -synuclein degradation and neuroprotection against β -synuclein-Mediated neurodegeneration in <i>C. elegans</i> model. <i>Journal of Ethnopharmacology</i> , 2021 , 279, 114347	5	4
537	Multibiomarker approach to assess the magnitude of occupational exposure and effects induced by a mixture of metals. <i>Toxicology and Applied Pharmacology</i> , 2021 , 429, 115684	4.6	1
536	Therapeutic potential of marine peptides in glioblastoma: Mechanistic insights. <i>Cellular Signalling</i> , 2021 , 87, 110142	4.9	3
535	Rodent hair is a Poor biomarker for internal manganese exposure. <i>Food and Chemical Toxicology</i> , 2021 , 157, 112555	4.7	1
534	Association of lead and cadmium exposure with kidney stone incidence: A study on the non-occupational population in Nandan of China. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 68, 126852	4.1	0
533	Conjugates of desferrioxamine and aromatic amines improve markers of iron-dependent neurotoxicity. <i>BioMetals</i> , 2021 , 34, 259-275	3.4	2
532	Application of Fluorescence Microscopy and Behavioral Assays to Demonstrating Neuronal Connectomes and Neurotransmitter Systems in <i>C. elegans</i> . <i>Neuromethods</i> , 2021 , 399-426	0.4	
531	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440

530	Application of Fluorescence Microscopy and Behavioral Assays to Demonstrating Neuronal Connectomes and Neurotransmitter Systems in. <i>Neuromethods</i> , 2021 , 172, 399-426	0.4	
529	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. <i>Environmental Epigenetics</i> , 2021 , 7, dvab014	2.4	0
528	An Update on the Effects of Probiotics on Gastrointestinal Cancers.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 680400	5.6	1
527	Gut Microbiota as a Mediator of Essential and Toxic Effects of Zinc in the Intestines and Other Tissues. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
526	Preventive treatment with sodium para-aminosalicylic acid inhibits manganese-induced apoptosis and inflammation the MAPK pathway in rat thalamus. <i>Drug and Chemical Toxicology</i> , 2021 , 1-10	2.3	0
525	Manganese Accumulation in the Brain via Various Transporters and Its Neurotoxicity Mechanisms. <i>Molecules</i> , 2020 , 25,	4.8	6
524	Huntington ^Q disease genotype suppresses global manganese-responsive processes in pre-manifest and manifest YAC128 mice. <i>Metallomics</i> , 2020 , 12, 1118-1130	4.5	10
523	Transcriptomic and Proteomic Tools in the Study of Hg Toxicity: What Is Missing?. <i>Frontiers in Genetics</i> , 2020 , 11, 425	4.5	7
522	COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111418	4.7	83
521	Generating Bacterial Foods in Toxicology Studies with <i>Caenorhabditis elegans</i> . <i>Current Protocols in Toxicology / Editorial Board</i> , Mahin D Maines (editor-in-chief) [et Al], 2020 , 84, e94	1	1
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