

CITATION REPORT

List of articles citing

Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases--a mechanistic approach

DOI: 10.1016/j.toxlet.2014.01.039
Toxicology Letters, 2014, 230, 85-103.

Source: <https://exaly.com/paper-pdf/58822264/citation-report.pdf>

Version: 2024-04-24

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
277	RTP801/REDD1: a stress coping regulator that turns into a troublemaker in neurodegenerative disorders. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 313	6.1	33
276	Environmental contaminants and target organ toxicities - new insights into old problems. <i>Toxicology Letters</i> , 2014 , 230, 81-4	4.4	4
275	The role of nitric oxide on visual-evoked potentials in MPTP-induced Parkinsonism in mice. <i>Neurochemistry International</i> , 2014 , 72, 48-57	4.4	18
274	Paraquat and psychological stressor interactions as pertains to Parkinsonian co-morbidity. 2015 , 2, 85-93		14
273	Bioprotective carnitinoids: lipoic acid, butyrate, and mitochondria-targeting to treat radiation injury: mitochondrial drugs come of age. 2015 , 76, 167-75		10
272	Intergenerational Effect of Early Life Exposure to Permethrin: Changes in Global DNA Methylation and in Gene Expression. 2015 , 3, 451-461		33
271	Extrapyramidal system neurotoxicity: animal models. 2015 , 131, 207-23		4
270	Tremor secondary to neurotoxic exposure: mercury, lead, solvents, pesticides. 2015 , 131, 241-9		4
269	Lithium protects against paraquat neurotoxicity by NRF2 activation and miR-34a inhibition in SH-SY5Y cells. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 209	6.1	45
268	Toxicant exposure and bioaccumulation: a common and potentially reversible cause of cognitive dysfunction and dementia. 2015 , 2015, 620143		36
267	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. 2015 , 137, 157-69		74
266	Neurobehavioral effects of concurrent exposure to cesium-137 and paraquat during neonatal development in mice. 2015 , 329, 73-9		11
265	Paraquat: Molecular Mechanisms of Neurotoxicity and its Relation with Autophagy. 2015 , 159-170		1
264	Acute and long-term exposure to chlorpyrifos induces cell death of basal forebrain cholinergic neurons through AChE variants alteration. 2015 , 336, 1-9		17
263	Oxidative stress in human erythrocytes treated with bromfenivphos and its impurities. 2015 , 118, 43-9		6
262	Chronic exposure to chlorpyrifos triggered body weight increase and memory impairment depending on human apoE polymorphisms in a targeted replacement mouse model. 2015 , 144, 37-45		28
261	Toxicity and Autophagy in Neurodegenerative Disorders. 2015 ,		1

260	Mitochondrial Redox Dysfunction and Environmental Exposures. 2015 , 23, 578-95	53
259	Agrochemicals-Induced Dopaminergic Neurotoxicity: Role of Mitochondria-Mediated Oxidative Stress and Protein Clearance Mechanisms. 2015 , 171-204	
258	Nrf2 and Parkinson's Disease. 2016 ,	
257	Parkinson's Disease: The Mitochondria-Iron Link. 2016 , 2016, 7049108	36
256	Low-Dose Aronia melanocarpa Concentrate Attenuates Paraquat-Induced Neurotoxicity. 2016 , 2016, 5296271	7
255	Biological functions of selenium and its potential influence on Parkinson's disease. 2016 , 88, 1655-1674	43
254	A Chronic Longitudinal Characterization of Neurobehavioral and Neuropathological Cognitive Impairment in a Mouse Model of Gulf War Agent Exposure. 2015 , 9, 71	34
253	Brain Anatomy in Latino Farmworkers Exposed to Pesticides and Nicotine. 2016 , 58, 436-43	2
252	Reversal of deltamethrin-induced oxidative damage in rat neural tissues by turmeric-diet: Fourier transform-infrared and biochemical investigation. 2016 , 77, 56-68	6
251	Growing knowledge of using embryonic stem cells as a novel tool in developmental risk assessment of environmental toxicants. 2016 , 158, 137-60	22
250	Epigenetics of dementia: understanding the disease as a transformation rather than a state. 2016 , 15, 760-774	80
249	Permethrin-induced oxidative stress and toxicity and metabolism. A review. 2016 , 149, 86-104	116
248	Dig1 protects against locomotor and biochemical dysfunctions provoked by Roundup. 2016 , 16, 234	5
247	New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals' low dose exposure. 2016 , 96, 174-6	106
246	N-methyltetrahydropyridines and pyridinium cations as toxins and comparison with naturally-occurring alkaloids. 2016 , 97, 23-39	22
245	Mitochondrial Mechanisms of Degeneration and Repair in Parkinson's Disease. 2016 ,	6
244	Efficacy of Natural Compounds in Neurodegenerative Disorders. 2016 , 12, 107-23	17
243	Occupational and environmental exposure to pesticides and cytokine pathways in chronic diseases (Review). 2016 , 38, 1012-20	93

242	Pesticide exposure and risk of Alzheimer's disease: a systematic review and meta-analysis. 2016 , 6, 32222	70
241	Prenatal Paraquat exposure induces neurobehavioral and cognitive changes in mice offspring. 2016 , 48, 53-62	15
240	Effects of Environmental Pollutants on Cellular Iron Homeostasis and Ultimate Links to Human Disease. 2016 , 10, 35-43	15
239	Organophosphate Pesticide Urinary Metabolites Among Latino Immigrants: North Carolina Farmworkers and Non-farmworkers Compared. 2016 , 58, 1079-1086	20
238	Melanin and neuromelanin binding of drugs and chemicals: toxicological implications. 2016 , 90, 1883-91	40
237	Olfactory Function in Latino Farmworkers: Subclinical Neurological Effects of Pesticide Exposure in a Vulnerable Population. 2016 , 58, 248-53	18
236	The use of the lymphocyte cytokinesis-block micronucleus assay for monitoring pesticide-exposed populations. 2016 , 770, 183-203	39
235	The Red Blood Cell Acetylcholinesterase Levels of Depressive Patients with Suicidal Behavior in an Agricultural Area. 2016 , 31, 473-9	5
234	Feasibility of hair sampling to assess levels of organophosphate metabolites in rural areas of Sri Lanka. 2016 , 147, 207-11	14
233	Paraquat-Melanin Redox-Cycling: Evidence from Electrochemical Reverse Engineering. 2016 , 7, 1057-67	16
232	Prenatal exposure to persistent organic pollutants and organophosphate pesticides, and markers of glucose metabolism at birth. 2016 , 146, 207-17	62
231	Epidemiology of Parkinson's disease. 2016 , 172, 14-26	192
230	Air pollution, a rising environmental risk factor for cognition, neuroinflammation and neurodegeneration: The clinical impact on children and beyond. 2016 , 172, 69-80	104
229	The scientific bases to consider Parkinson's disease an occupational disease in agriculture professionals exposed to pesticides in France. 2016 , 70, 319-21	12
228	Artificial neural network-based equation to predict the toxicity of herbicides on rats. 2016 , 154, 7-15	21
227	Residues and risk assessment of bifenthrin and chlorfenapyr in eggplant and soil under open ecosystem conditions. 2016 , 96, 173-184	7
226	Effect of heat waves on morbidity and mortality due to Parkinson's disease in Madrid: A time-series analysis. 2016 , 89-90, 1-6	25
225	Multifactorial theory applied to the neurotoxicity of paraquat and paraquat-induced mechanisms of developing Parkinson's disease. 2016 , 96, 496-507	48

224	Transgenerational latent early-life associated regulation unites environment and genetics across generations. 2016 , 8, 373-87		14
223	Atrazine and mancozeb induce excitotoxicity and cytotoxicity in primary cultures of mouse cerebellar cortex. 2016 , 98, 959-976		6
222	Protective effect of carnosic acid against paraquat-induced redox impairment and mitochondrial dysfunction in SH-SY5Y cells: Role for PI3K/Akt/Nrf2 pathway. 2016 , 32, 41-54		66
221	Alterations in mitochondrial dynamics induced by tebufenpyrad and pyridaben in a dopaminergic neuronal cell culture model. <i>NeuroToxicology</i> , 2016 , 53, 302-313	4.4	40
220	Organophosphate pesticide exposure and neurodegeneration. 2016 , 74, 417-26		121
219	Involvement of the kynurenine pathway in the pathogenesis of Parkinson's disease. 2017 , 155, 76-95		78
218	Human exposure to chemical mixtures: Challenges for the integration of toxicology with epidemiology data in risk assessment. 2017 , 103, 188-193		102
217	Pesticides, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in cerebrospinal fluid of amyotrophic lateral sclerosis patients: a case-control study. 2017 , 155, 261-267		26
216	Agricultural activities and the incidence of Parkinson's disease in the general French population. 2017 , 32, 203-216		20
215	<i>C. elegans</i> as a model system to accelerate discovery for Parkinson disease. 2017 , 44, 102-109		38
214	Study of commonly used organophosphate pesticides that induced oxidative stress and apoptosis in peripheral blood lymphocytes of rats. 2017 , 36, 1158-1168		26
213	Dieldrin Augments mTOR Signaling and Regulates Genes Associated with Cardiovascular Disease in the Adult Zebrafish Heart (). 2017 , 361, 375-385		10
212	Pharmacologically increasing microtubule acetylation corrects stress-exacerbated effects of organophosphates on neurons. 2017 , 18, 433-441		21
211	CYP polymorphisms and pathological conditions related to chronic exposure to organochlorine pesticides. 2017 , 4, 335-341		52
210	Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. 2017 , 36, 554-564		115
209	Early-Life Benzo[a]Pyrene Exposure Causes Neurodegenerative Syndromes in Adult Zebrafish (<i>Danio rerio</i>) and the Mechanism Involved. <i>Toxicological Sciences</i> , 2017 , 157, 74-84	4.4	16
208	Neuroprotective effects of curcumin against acetamiprid-induced neurotoxicity and oxidative stress in the developing male rat cerebellum: biochemical, histological, and behavioral changes. 2017 , 24, 27515-27524		20
207	The Analgesic Acetaminophen and the Antipsychotic Clozapine Can Each Redox-Cycle with Melanin. 2017 , 8, 2766-2777		9

206	Protective action of Omega-3 on paraquat intoxication in <i>Drosophila melanogaster</i> . 2017 , 80, 1050-1063	5
205	Toxicological profile of organochlorines aldrin and dieldrin: an Indian perspective. 2017 , 32, 361-372	6
204	Paraquat exposure-induced Parkinson's disease-like symptoms and oxidative stress in <i>Drosophila melanogaster</i> : Neuroprotective effect of <i>Bougainvillea glabra</i> Choisy. 2017 , 95, 245-251	26
203	Pesticides and Human Health. 2017 , 249-273	4
202	Olfactory Function in Latino Farmworkers Over 2 Years: Longitudinal Exploration of Subclinical Neurological Effects of Pesticide Exposure. 2017 , 59, 1148-1152	11
201	Alteration of membrane integrity and respiratory function of brain mitochondria in the rats chronically exposed to a low dose of acetamiprid. 2017 , 24, 22258-22264	13
200	Overview of Neurotoxicology. 2017 , 74, 11.1.1-11.1.11	6
199	Microbiome, probiotics and neurodegenerative diseases: deciphering the gut brain axis. 2017 , 74, 3769-3787	244
198	Impairment of mitochondrial integrity and redox status in brain regions during a low-dose long-term exposition of rats to pyrethroids: the preventive effect of quercetin. 2017 , 24, 19714-19722	8
197	Oxidative stress and mitochondrial dysfunction-linked neurodegenerative disorders. 2017 , 39, 73-82	437
196	Pinocembrin Provides Mitochondrial Protection by the Activation of the Erk1/2-Nrf2 Signaling Pathway in SH-SY5Y Neuroblastoma Cells Exposed to Paraquat. 2017 , 54, 6018-6031	24
195	Carnosic Acid Protects Mitochondria of Human Neuroblastoma SH-SY5Y Cells Exposed to Paraquat Through Activation of the Nrf2/HO-1 Axis. 2017 , 54, 5961-5972	26
194	Pyrethroid Insecticides Directly Activate Microglia Through Interaction With Voltage-Gated Sodium Channels. <i>Toxicological Sciences</i> , 2017 , 155, 112-123	4.4 31
193	Tanshinone I Induces Mitochondrial Protection through an Nrf2-Dependent Mechanism in Paraquat-Treated Human Neuroblastoma SH-SY5Y Cells. 2017 , 54, 4597-4608	38
192	2,4-D abatement from groundwater samples by photo-Fenton processes at circumneutral pH using naturally iron present. Effect of inorganic ions. 2017 , 24, 6213-6221	19
191	Oral Exposure to Paraquat Triggers Earlier Expression of Phosphorylated β Synuclein in the Enteric Nervous System of A53T Mutant Human β Synuclein Transgenic Mice. 2017 , 76, 1046-1057	28
190	Investigation into experimental toxicological properties of plant protection products having a potential link to Parkinson's disease and childhood leukaemia. 2017 , 15, e04691	12
189	Neurodegenerative Disorders. 2017 , 1-16	13

188	Atractylenolide-I Protects Human SH-SY5Y Cells from 1-Methyl-4-Phenylpyridinium-Induced Apoptotic Cell Death. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	8
187	Neurotoxicity in Preclinical Models of Occupational Exposure to Organophosphorus Compounds. 2016 , 10, 590		54
186	Inhibition of Human Drug Transporter Activities by the Pyrethroid Pesticides Allethrin and Tetramethrin. 2017 , 12, e0169480		22
185	Genetic polymorphisms in amyotrophic lateral sclerosis: Evidence for implication in detoxification pathways of environmental toxicants. 2018 , 116, 122-135		34
184	Intranasal administration of sodium dimethyldithiocarbamate induces motor deficits and dopaminergic dysfunction in mice. <i>NeuroToxicology</i> , 2018 , 66, 107-120	4.4	7
183	Time to get Personal: A Framework for Personalized Targeting of Oxidative Stress in Neurotoxicity and Neurodegenerative Disease. <i>Current Opinion in Toxicology</i> , 2018 , 7, 127-132	4.4	12
182	Cytochrome P450 in the central nervous system as a therapeutic target in neurodegenerative diseases. 2018 , 50, 95-108		24
181	Pesticide use in agriculture and Parkinson's disease in the AGRICAN cohort study. 2018 , 47, 299-310		50
180	Influence of lactic acid bacteria on stereoselective degradation of theta-cypermethrin. 2018 , 30, 310-318		1
179	Human and experimental toxicology of diquat poisoning: Toxicokinetics, mechanisms of toxicity, clinical features, and treatment. 2018 , 37, 1131-1160		28
178	Paraquat initially damages cochlear support cells leading to anoikis-like hair cell death. 2018 , 364, 129-141		14
177	The olfactory bulb as the entry site for prion-like propagation in neurodegenerative diseases. 2018 , 109, 226-248		136
176	Carnosic Acid Induces Anti-Inflammatory Effects in Paraquat-Treated SH-SY5Y Cells Through a Mechanism Involving a Crosstalk Between the Nrf2/HO-1 Axis and NF- κ B. 2018 , 55, 890-897		30
175	Short-term association between road traffic noise and healthcare demand generated by Parkinson's disease in Madrid, Spain. 2018 , 32, 553-558		5
174	Chronic exposure to a glyphosate-containing pesticide leads to mitochondrial dysfunction and increased reactive oxygen species production in <i>Caenorhabditis elegans</i> . 2018 , 57, 46-52		45
173	Pesticide Urinary Metabolites Among Latina Farmworkers and Nonfarmworkers in North Carolina. 2018 , 60, e63-e71		12
172	An adverse outcome pathway for parkinsonian motor deficits associated with mitochondrial complex I inhibition. 2018 , 92, 41-82		51
171	Compatibility of endophytic fungal entomopathogens with plant extracts for the management of sweetpotato whitefly <i>Bemisia tabaci</i> Gennadius (Homoptera: Aleyrodidae). 2018 , 117, 164-171		16

170	In vitro cytotoxicity and genotoxicity of Furia180 SC (zeta-cypermethrin) and Bulldock 125SC (Ecyfluthrin) pyrethroid insecticides in human peripheral blood lymphocytes. 2018 , 28, 268-278	5
169	LGK974, a PORCUPINE inhibitor, mitigates cytotoxicity in an in vitro model of Parkinson's disease by interfering with the WNT/ECATENIN pathway. 2018 , 410, 65-72	7
168	Hazardous effects of chemical pesticides on human health-Cancer and other associated disorders. 2018 , 63, 103-114	208
167	Metabolome disruption of pregnant rats and their offspring resulting from repeated exposure to a pesticide mixture representative of environmental contamination in Brittany. 2018 , 13, e0198448	27
166	Molecular and clinical aspects of embryotoxicity induced by acetylcholinesterase inhibitors. 2018 , 409, 137-143	8
165	References. 2018 , 555-664	
164	The link of organophosphorus pesticides with neurodegenerative and neurodevelopmental diseases based on evidence and mechanisms. 2018 , 409, 44-52	55
163	Inflammatory and cytotoxic effects of bifenthrin in primary microglia and organotypic hippocampal slice cultures. 2018 , 15, 159	18
162	PM2.5 impairs neurobehavior by oxidative stress and myelin sheaths injury of brain in the rat. 2018 , 242, 994-1001	32
161	Hydrolyzing activities of phenyl valerate sensitive to organophosphorus compounds paraoxon and mipafox in human neuroblastoma SH-SY5Y cells. 2018 , 406-407, 123-128	0
160	Quality Control of Plant-Based Foods in Terms of Nutritional Values: Influence of Pesticides Residue and Endogenous Compounds. 2018 , 407-449	1
159	Neurotoxicity in acute and repeated organophosphate exposure. 2018 , 408, 101-112	98
158	Drosophila as a Neurotoxicological Model. 2018 , 1	1
157	Spatial Distribution of Parkinson's Disease Prevalence in QuBec by Hydrographic Region. 2018 , 45, 478-480	1
156	Mitral cells and the glucagon-like peptide 1 receptor: The sweet smell of success?. 2019 , 49, 422-439	1
155	Parkin is transcriptionally regulated by the aryl hydrocarbon receptor: Impact on Bsynuclein protein levels. 2019 , 168, 429-437	11
154	Early-life exposure to low levels of permethrin exerts impairments in learning and memory with the effects on neuronal and glial population in adult male mice. 2019 , 39, 1651-1662	12
153	Pathomechanisms of Blood-Brain Barrier Disruption in ALS. 2019 , 2019, 2537698	24

152	The effect of chronic vitamin deficiency and long term very low dose exposure to 6 pesticides mixture on neurological outcomes - A real-life risk simulation approach. <i>Toxicology Letters</i> , 2019 , 315, 96-106	4.4	33
151	Immunomodulatory effect of mancozeb, chlorothalonil, and thiophanate methyl pesticides on macrophage cells. 2019 , 182, 109420		12
150	Does SCFD1 rs10139154 Polymorphism Decrease Alzheimer's Disease Risk?. 2019 , 69, 343-350		10
149	Prenatal toxicity of the environmental pollutants on neuronal and cardiac development derived from embryonic stem cells. 2019 , 90, 15-23		3
148	A mixture of routinely encountered xenobiotics induces both redox adaptations and perturbations in blood and tissues of rats after a long-term low-dose exposure regimen: The time and dose issue. <i>Toxicology Letters</i> , 2019 , 317, 24-44	4.4	42
147	Pesticides as endocrine disruptors and neurotoxicants. 2019 , 315, 052049		0
146	Acute exposure to a glyphosate-containing herbicide formulation inhibits Complex II and increases hydrogen peroxide in the model organism <i>Caenorhabditis elegans</i> . 2019 , 66, 36-42		20
145	Environmental neurotoxicant-induced dopaminergic neurodegeneration: a potential link to impaired neuroinflammatory mechanisms. 2019 , 197, 61-82		15
144	Neuroinflammation in organophosphate-induced neurotoxicity. 2019 , 3, 35-79		12
143	Toxicant-mediated redox control of proteostasis in neurodegeneration. <i>Current Opinion in Toxicology</i> , 2019 , 13, 22-34	4.4	5
142	Leucine-rich repeat kinase-2 (LRRK2) modulates paraquat-induced inflammatory sickness and stress phenotype. 2019 , 16, 120		12
141	Improved premixing in-line injection system for variable-rate orchard sprayers with Arduino platform. 2019 , 162, 389-396		5
140	The effect of acute organophosphate intoxication on female rat hippocampus cornu ammonis region pyramidal neuron numbers, biochemistry and morphology. 2019 , 100, 101652		1
139	Astrocytes Do Not Forfeit Their Neuroprotective Roles After Surviving Intense Oxidative Stress. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 87	6.1	19
138	Pesticide exposure and cognitive decline in a rural South Korean population. 2019 , 14, e0213738		9
137	Neuropsychiatric Disorders in Farmers Associated with Organophosphorus Pesticide Exposure in a Rural Village of Northwest Mexico. 2019 , 16,		20
136	Effects of prenatal exposure to temephos on behavior and social interaction. 2019 , 15, 669-673		7
135	The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix. 2019 , 17, 359-379		30

134	Roles of microRNAs in Parkinson and other neurodegenerative diseases. 2019 , 209-232		3
133	Clinical Features and Risk Factors of Parkinson's Disease in a Population of Khyber Pakhtunkhwa, Pakistan: A Case-Control Study. 2019 , 19, 211-217		4
132	The exposome: embrace the complexity. 2019 , 23, 34-35		1
131	Homeostatic Neurobehavioral effects of low dose toxic chemical mixtures in real-life risk simulation (RLRS) in rats. 2019 , 125, 141-149		69
130	Increased risk of central nervous system tumours with carbamate insecticide use in the prospective cohort AGRICAN. 2019 , 48, 512-526		8
129	Triggers, Facilitators, and Aggravators: Redefining Parkinson's Disease Pathogenesis. 2019 , 42, 4-13		138
128	Melatonin protects against paraquat-induced damage during in vitro maturation of bovine oocytes. 2019 , 66, e12532		33
127	Neuroprotective action of Eicosapentaenoic (EPA) and Docosahexaenoic (DHA) acids on Paraquat intoxication in <i>Drosophila melanogaster</i> . <i>NeuroToxicology</i> , 2019 , 70, 154-160	4.4	10
126	Exposure assessment of operators to pesticides in Kongou, a sub-watershed of Niger River valley. 2019 , 54, 176-186		2
125	Regional Susceptibility to ER Stress and Protection by Salubrinal Following a Single Exposure to Deltamethrin. <i>Toxicological Sciences</i> , 2019 , 167, 249-257	4.4	10
124	The impact of oxidative DNA damage and stress on telomere homeostasis. 2019 , 177, 37-45		153
123	Protective effects of 3-angeloyloxy-8,10-dihydroxyremophila-7(11)-en-12, 8-lactone on paraquat-induced oxidative injury in SH-SY5Y cells. 2019 , 21, 364-376		3
122	Early Postnatal Exposure to Paraquat and Maneb in Mice Increases Nigrostriatal Dopaminergic Susceptibility to a Re-challenge with the Same Pesticides at Adulthood: Implications for Parkinson's Disease. 2020 , 37, 210-226		12
121	Fast screening of trace multiresidue pesticides on fruit and vegetable surfaces using ambient ionization tandem mass spectrometry. 2020 , 1102, 63-71		16
120	Association Between Exposure to Pyrethroid Insecticides and Risk of All-Cause and Cause-Specific Mortality in the General US Adult Population. 2020 , 180, 367-374		26
119	Preparing monoclonal antibodies and developing immunochromatographic strips for paraquat determination in water. 2020 , 311, 125897		38
118	Neurotoxicology of pyrethroid insecticides. 2020 , 4, 113-165		4
117	High-Resolution Respirometry Reveals MPP Mitochondrial Toxicity Mechanism in a Cellular Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13

116	Genome-wide epigenetic analyses in Japanese immigrant plantation workers with Parkinson's disease and exposure to organochlorines reveal possible involvement of glial genes and pathways involved in neurotoxicity. 2020 , 21, 31			5
115	Toxicological impacts of herbicide paraquat dichloride on histological profile (gills, liver, and kidney) of freshwater fish <i>Channa punctatus</i> (Bloch). 2020 , 27, 39054-39067			7
114	Celecoxib promotes survival and upregulates the expression of neuroprotective marker genes in two different in vitro models of Parkinson's disease. 2021 , 194, 108378			2
113	Environmental exposure to pyrethroid pesticides in a nationally representative sample of U.S. adults and children: The National Health and Nutrition Examination Survey 2007-2012. 2020 , 267, 115489			16
112	Exposure to pyrethroids induces behavioral impairments, neurofibrillary tangles and tau pathology in Alzheimer's type neurodegeneration in adult Wistar rats. 2020 , 1-11			1
111	Microglia depletion prior to lipopolysaccharide and paraquat treatment differentially modulates behavioral and neuronal outcomes in wild type and G2019S LRRK2 knock-in mice. 2020 , 5, 100079			3
110	Chemicals: pesticides. 2020 , 203-220			
109	The environmental toxicant ziram enhances neurotransmitter release and increases neuronal excitability via the EAG family of potassium channels. 2020 , 143, 104977			2
108	Association Between Stroke and Parkinson's Disease: a Meta-analysis. 2020 , 70, 1169-1176			5
107	Alterations in viability and CYP1A1 expression in SH SY5Y cell line by pollutants present in Madre Dam, Mexico. 2020 , 719, 137500			0
106	Identification of Serum-Based Metabolic Feature and Characteristic Metabolites in Paraquat Intoxicated Mouse Models. 2020 , 11, 65			5
105	Pesticides, cognitive functions and dementia: A review. <i>Toxicology Letters</i> , 2020 , 326, 31-51	4-4		44
104	Neurotoxicity assessment of triazole fungicides on mitochondrial oxidative respiration and lipids in differentiated human SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2020 , 80, 76-86	4-4		12
103	Parkinson's disease and pesticides: Are microRNAs the missing link?. 2020 , 744, 140591			22
102	Protective effects of <i>Lactobacillus fermentum</i> U-21 against paraquat-induced oxidative stress in <i>Caenorhabditis elegans</i> and mouse models. 2020 , 36, 104			11
101	Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line. 2020 , 83, 153-167			4
100	Determining the Biological Mechanisms of Action for Environmental Exposures: Applying CRISPR/Cas9 to Toxicological Assessments. <i>Toxicological Sciences</i> , 2020 , 175, 5-18	4-4		3
99	Synthetic Pesticides and Health in Vulnerable Populations: Agricultural Workers. 2020 , 7, 13-29			27

98	Trichloroethylene, a ubiquitous environmental contaminant in the risk for Parkinson's disease. 2020 , 22, 543-554	12
97	Organochlorine pesticide levels in Greek patients with Parkinson's disease. 2020 , 7, 596-601	16
96	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. 2020 , 213, 107554	38
95	Behavioral impacts of a mixture of six pesticides on rats. 2020 , 727, 138491	19
94	Pesticide interactions induce alterations in secondary structure of malate dehydrogenase to cause destability and cytotoxicity. 2021 , 263, 128074	1
93	An extensive review on the consequences of chemical pesticides on human health and environment. 2021 , 283, 124657	118
92	SAHA attenuates rotenone-induced toxicity in primary microglia and HT-22 cells. 2021 , 37, 23-33	2
91	Inflammatory lncRNA AK039862 regulates paraquat-inhibited proliferation and migration of microglial and neuronal cells through the Pafah1b1/Foxa1 pathway in co-culture environments. 2021 , 208, 111424	4
90	Effect of long-term treatment with a mixture of pyrethroids on the expression of genes that govern male germ cell production in rats. 2021 , 35, e22654	3
89	Proteotoxicity: A Fatal Consequence of Environmental Pollutants-Induced Impairments in Protein Clearance Machinery. 2021 , 11,	0
88	Subchronic neurotoxicity of diazinon in albino mice: Impact of oxidative stress, AChE activity, and gene expression disturbances in the cerebral cortex and hippocampus on mood, spatial learning, and memory function. 2021 , 8, 1280-1288	4
87	Methods for environmental monitoring of pesticide exposure. 2021 , 347-387	2
86	Stereotaxic Intracranial Delivery of Chemicals, Proteins or Viral Vectors to Study Parkinson's Disease. 2021 ,	
85	Drp1-mediated mitochondrial fission contributes to mitophagy in paraquat-induced neuronal cell damage. 2021 , 272, 116413	11
84	CD33 rs3865444 as a risk factor for Parkinson's disease. 2021 , 748, 135709	5
83	Pesticides Exposure and Dopaminergic Neurodegeneration. 2021 , 13, 295-306	0
82	Pyrethroid based pesticides - chemical and biological aspects. 2021 , 51, 117-140	9
81	Improvement of Oxidative Stress and Mitochondrial Dysfunction by -Caryophyllene: A Focus on the Nervous System. 2021 , 10,	8

80	Deltamethrin modulates the native structure of Hen Egg White Lysozyme and induces its aggregation at physiological pH. 2021 , 201, 111646		1
79	Natural Compounds as Medical Strategies in the Prevention and Treatment of Psychiatric Disorders Seen in Neurological Diseases. 2021 , 12, 669638		21
78	The industrial solvent trichloroethylene induces LRRK2 kinase activity and dopaminergic neurodegeneration in a rat model of Parkinson's disease. 2021 , 153, 105312		6
77	Mechanisms of organophosphate neurotoxicity. <i>Current Opinion in Toxicology</i> , 2021 , 26, 49-60	4.4	5
76	Editorial: Common Pathways Linking Neurodegenerative Diseases-The Role of Inflammation. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 754051	6.1	0
75	Occupational Safety Knowledge, Attitude, and Practice among Farmers in Northern Nigeria during Pesticide Application: A Case Study. <i>Sustainability</i> , 2021 , 13, 10107	3.6	1
74	Health and environmental effects of silent killers Organochlorine pesticides and polychlorinated biphenyl. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101511	3.6	5
73	Pesticides applied to crops and amyotrophic lateral sclerosis risk in the U.S. <i>NeuroToxicology</i> , 2021 , 87, 128-135	4.4	1
72	Rural-urban disparities in the prevalence of mild cognitive impairment and dementia in Taiwan: A door-to-door nationwide study. <i>Journal of Epidemiology</i> , 2021 ,	3.4	3
71	Mitochondria Dysfunction on Striatum After a Chronic Exposure to Pesticides Mixture in Rats. <i>Environmental Science and Engineering</i> , 2021 , 623-628	0.2	
70	Vascular Dysfunction and Neurodegenerative Disease. 2020 , 3-16		2
69	Anacardium microcarpum extract and fractions protect against paraquat-induced toxicity in <i>Drosophila melanogaster</i> . <i>EXCLI Journal</i> , 2017 , 16, 302-312	2.4	4
68	Pyrethroid exposure and neurotoxicity: a mechanistic approach. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2019 , 70, 74-89	1.7	24
67	Neurotoxicity of the pesticide rotenone on neuronal polarization: a mechanistic approach. <i>Neural Regeneration Research</i> , 2019 , 14, 762-766	4.5	21
66	The Development of Treatment for Parkinson's Disease. <i>Advances in Parkinson's Disease</i> , 2015 , 04, 59-78	0.2	9
65	A study on risk factors for Parkinson's disease in Indian population. <i>Bioinformatics</i> , 2014 , 10, 342-6	1.1	6
64	Clinical Response of Levodopa Carbidopa Combination in Patients with Idiopathic Parkinsonism. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016 , 10, FC07-10	0	1
63	Diallyl sulfide protects against dilated cardiomyopathy via inhibition of oxidative stress and apoptosis in mice. <i>Molecular Medicine Reports</i> , 2021 , 24,	2.9	1

62	Toxin-Mediated Complex I Inhibition and Parkinson's Disease. 2016 , 115-137		0
61	CHAPTER 30. Pesticide Exposure and Its Effects on Micronucleus Frequency. <i>Issues in Toxicology</i> , 2019 , 494-513	0.3	1
60	Amyotrophic Lateral Sclerosis Disease and Environmental Risk Factors. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 286-304	0.4	
59	Advances and Evolution of Techniques for Pesticide Estimation. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019 , 215-235	0.4	
58	Neuroprotective Potential of Swietenia macrophylla Seed Extract in Lead-induced Neurodegeneration in Albino Rats. <i>Asian Journal of Biological Sciences</i> , 2019 , 12, 442-449	0.3	0
57	Genome-wide epigenetic analyses in Japanese immigrant plantation workers with Parkinson's Disease and exposure to organochlorines reveal possible involvement of glial genes and pathways involved in neurotoxicity.		
56	Chronic Exposure to Paraquat Induces Alpha-Synuclein Pathogenic Modifications in. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
55	Parkinsonian Toxins: From MPTP to Endogenous Neurotoxins. 2020 , 1-20		
54	The industrial solvent trichloroethylene induces LRRK2 kinase activity and dopaminergic neurodegeneration in a rat model of Parkinson's disease.		0
53	Chlorpyrifos Toxicity in Mouse Cultured Cerebellar Granule Neurons at Different Stages of Development: Additive Effect on Glutamate-Induced Excitotoxicity. <i>Cell Journal</i> , 2016 , 18, 464-72	2.4	11
52	The roles of redox enzymes in Parkinson's disease: Focus on glutaredoxin. <i>Therapeutic Targets for Neurological Diseases</i> , 2015 , 2,		8
51	Pesticides in Our Food. 2021 , 5-32		
50	Nutrigenomics in Parkinson's disease: diversity of modulatory actions of polyphenols on epigenetic effects induced by toxins. <i>Nutritional Neuroscience</i> , 1-13	3.6	0
49	Optimization of application-driven development of in vitro neuromuscular junction models.. <i>Tissue Engineering - Part B: Reviews</i> , 2022 ,	7.9	
48	Roles of Long Non-coding RNAs in the Development of Aging-Related Neurodegenerative Diseases.. <i>Frontiers in Molecular Neuroscience</i> , 2022 , 15, 844193	6.1	2
47	Tip-assisted ambient electric arc ionization mass spectrometry for rapid detection of trace organophosphorus pesticides in strawberry. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	1
46	An Efficient Algorithm for Analysis of Handwriting Task for the Detection of Parkinson's disease. 2021 ,		
45	An influence of Radon Transform Technique on Handwriting Task for the Detection of Parkinson's disease. 2021 ,		

44	Systematic Review of Calcium Channels and Intracellular Calcium Signaling: Relevance to Pesticide Neurotoxicity.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
43	Antifungal activity of essential oil-encapsulated lipid nanoemulsions formulations against leaf spot disease on tomato caused by <i>Alternaria alternata</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2022 , 55, 235-257	1	2
42	Data_Sheet_1.docx. 2020 ,		
41	Table_1.csv. 2020 ,		
40	Data_Sheet_1.docx. 2019 ,		
39	Data_Sheet_2.pdf. 2019 ,		
38	Deleterious Effects of Banned Chemical Pesticides on Human Health in Developing Countries.		
37	Role of OCT3 and DRP1 in the Transport of Paraquat in Astrocytes: A Mouse Study.. <i>Environmental Health Perspectives</i> , 2022 , 130, 57004	8.4	
36	Investigating the Role of Spermidine in a Model System of Alzheimer's Disease Using Correlative Microscopy and Super-resolution Techniques. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10,	5.7	1
35	In vitro compatibility of entomopathogenic fungus, <i>Cladosporium cladosporioides</i> with three plant extracts. <i>Plant Protection Science</i> , 2022 , 58, 213-219	1.1	
34	Alzheimer's disease in retired elite collision sports athletes: cohort study.		
33	Glyphosate and neurological outcomes: A systematic literature review of animal studies. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2022 , 25, 162-209	8.6	1
32	Neuroprotective approaches to halt Parkinson's disease progression. <i>Neurochemistry International</i> , 2022 , 158, 105380	4.4	0
31	Are non-animal systemic safety assessments protective? A toolbox and workflow. <i>Toxicological Sciences</i> ,	4.4	3
30	Metabolomics analysis of the potential toxicological mechanisms of diquat dibromide herbicide in adult zebrafish (<i>Danio rerio</i>) liver. <i>Fish Physiology and Biochemistry</i> ,	2.7	0
29	A systematic review on the risk of neurodegenerative diseases and neurocognitive disorders in professional and varsity athletes.		1
28	Protection against Paraquat-Induced Oxidative Stress by Curcuma longa Extract-Loaded Polymeric Nanoparticles in Zebrafish Embryos. 2022 , 14, 3773		0
27	Neurotoxicity induced by the pyrethroid lambda-cyhalothrin: Alterations in monoaminergic systems and dopaminergic and serotonergic pathways in the rat brain. 2022 , 169, 113434		0

26	Unravelling the role of telomere shortening with ageing and their potential association with diabetes, cancer, and related lifestyle factors. 2022 , 79, 101925	1
25	Nutrigenomics: Insights and Implications for Genome-Based Nutrition. 2022 , 207-230	0
24	Hematological indices as indicators of inflammation induced by exposure to pesticides.	0
23	Molecular and Cellular Interactions in Pathogenesis of Sporadic Parkinson Disease. 2022 , 23, 13043	1
22	Dietary pattern interfered with the impacts of pesticide exposure by regulating the bioavailability and gut microbiota. 2022 , 159936	0
21	Fludioxonil, a phenylpyrrol pesticide, induces Cytoskeleton disruption, DNA damage and apoptosis via oxidative stress on rat glioma cells. 2022 , 170, 113464	0
20	Exposure to deltamethrin at the NOAEL causes ER stress and disruption of hippocampal neurogenesis in adult mice. 2022 , 93, 233-243	0
19	Parkinsonian Toxins: From MPTP to Endogenous Neurotoxins. 2022 , 2973-2992	0
18	Medicinal herbs and multiple sclerosis: Overview on the hard balance between new therapeutic strategy and occupational health risk. 16,	0
17	Neurotoxicity evoked by organophosphates and available countermeasures.	1
16	SRT1720 as an SIRT1 activator for alleviating paraquat-induced models of Parkinson's disease. 2022 , 58, 102534	0
15	Mitochondrial defects in pancreatic beta-cell dysfunction and neurodegenerative diseases: Pathogenesis and therapeutic applications. 2023 , 312, 121247	0
14	Recent advances in estimation of paraquat using various analytical techniques: A review. 2023 , 5, 100703	0
13	Thiophanate-methyl induces notochord toxicity by activating the PI3K-mTOR pathway in zebrafish (<i>Danio rerio</i>) embryos. 2023 , 318, 120861	0
12	Compatibility studies of <i>Heterorhabditis indica</i> with newer insecticides under laboratory condition. 2022 , 23, 42-46	0
11	Spatial association of land-use areas and disease occurred by pesticide poisoning in Thailand. 11, 1386	0
10	Azocalixarene-Based Supramolecular System for the Detection of Paraquat via an Improved Indicator Displacement Assay. 2022 , 70, 15981-15989	1
9	<i>Piranhea trifoliata</i> extracts ameliorate muscular decline in <i>Drosophila melanogaster</i> exposed to Paraquat.	0

- 8 EFSA Pilot Project on New Approach Methodologies (NAMs) for Tebufenpyrad Risk Assessment. Part 1. Development of Physiologically-Based Kinetic (PBK) Model Coupled With Pulmonary and Dermal Exposure. **2023**, 20, ○
- 7 Antifungal Activity of Plant Waste Extracts against Phytopathogenic Fungi: *Allium sativum* Peels Extract as a Promising Product Targeting the Fungal Plasma Membrane and Cell Wall. **2023**, 9, 136 1
- 6 TDP-43 is a potential marker of dopaminergic neuronal damage caused by atrazine exposure. **2023**, 255, 114780 ○
- 5 Recent advances in analytical methods of oxidative stress biomarkers induced by environmental pollutant exposure. **2023**, 160, 116978 ○
- 4 Karın Herbisitlerin (Halauxifen methyl+Pyroksulam+Cloquintocet asit) In Vivo Toksikitesi: Zebra Balık Embriyo ve Larva Modeli. **2023**, 13, 617-627 ○
- 3 Global Epidemiology of Movement Disorders: Rare or Underdiagnosed?. **2023**, 43, 004-016 ○
- 2 Dithianon exposure induces dopaminergic neurotoxicity in *Caenorhabditis elegans*. **2023**, 255, 114752 ○
- 1 Impact and prospects of pesticides on human and environmental health. **2023**, 1-32 ○