

CITATION REPORT

List of articles citing

The toxicology of aluminum in the brain: a review

DOI: PM/11130287

NeuroToxicology, 2000, 21, 813-28.

Source: <https://exaly.com/paper-pdf/130787803/citation-report.pdf>

Version: 2024-04-26

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
292	Entry, half-life, and desferrioxamine-accelerated clearance of brain aluminum after a single (26)Al exposure. 2001 , 64, 77-82		73
291	Aluminium impairs the glutamate-nitric oxide-cGMP pathway in cultured neurons and in rat brain in vivo: molecular mechanisms and implications for neuropathology. <i>Journal of Inorganic Biochemistry</i> , 2001 , 87, 63-9	4.2	47
290	Aluminum bioavailability from drinking water is very low and is not appreciably influenced by stomach contents or water hardness. 2001 , 161, 93-101		48
289	Aluminum and the Blood-Brain Barrier. 2001 , 233-260		4
288	Use of accelerator mass spectrometry for studies in nutrition. 2001 , 14, 317-34		29
287	Metals. 2002 , 257-266		
286	Aluminum: impacts and disease. 2002 , 89, 101-15		411
285	Effects of aluminum sulfate on erythropoiesis in rats. 2002 , 132, 131-9		32
284	Aluminum accumulation and membrane fluidity alteration in synaptosomes isolated from rat brain cortex following aluminum ingestion: effect of cholesterol. 2002 , 44, 181-93		37
283	Influence of age on aluminum-induced neurobehavioral effects and morphological changes in rat brain. <i>NeuroToxicology</i> , 2002 , 23, 775-81	4.4	54
282	Neurotoxic effects of aluminium among foundry workers and Alzheimer's disease. <i>NeuroToxicology</i> , 2002 , 23, 761-74	4.4	214
281	Brain uptake, retention, and efflux of aluminum and manganese. 2002 , 110 Suppl 5, 699-704		76
280	Aluminum citrate uptake by immortalized brain endothelial cells: implications for its blood-brain barrier transport. 2002 , 930, 101-10		50
279	Cellular actions of Al at low (1.25 microM) concentrations in primary oligodendrocyte culture. 2002 , 941, 82-90		2
278	N-Carboxyalkyl derivatives of 3-hydroxy-4-pyridinones: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation. <i>Journal of Inorganic Biochemistry</i> , 2002 , 92, 43-54	4.2	48
277	Aluminium speciation in relation to aluminium bioavailability, metabolism and toxicity. 2002 , 228, 319-341		284
276	Aluminum chelation principles and recent advances. 2002 , 228, 97-113		127

275	Hydroxypyridinone complexes with aluminium. In vitro/vivo studies and perspectives. 2002 , 228, 187-203	66
274	A comparative study of aluminum(III), gallium(III), indium(III), and thallium(III) binding to human serum transferrin. 2002 , 228, 237-262	102
273	Synthetic and structural carboxylate chemistry of neurotoxic aluminum in relevance to human diseases. 2002 , 228, 297-317	48
272	Aluminum ions induce DNA synthesis but not cell proliferation in human fibroblasts in vitro. <i>Biological Trace Element Research</i> , 2002 , 86, 1-10	4-5 7
271	Effect of aluminum on the blood-brain barrier permeability during nitric oxide-blockade-induced chronic hypertension in rats. <i>Biological Trace Element Research</i> , 2003 , 92, 221-30	4-5 11
270	A model of aluminum exposure associated with lipid peroxidation in rat brain. <i>Biological Trace Element Research</i> , 2003 , 96, 191-201	4-5 14
269	Dietary protein restriction causes modification in aluminum-induced alteration in glutamate and GABA system of rat brain. 2003 , 4, 4	13
268	Aluminium in over-the-counter drugs: risks outweigh benefits?. 2003 , 26, 1011-25	61
267	Aluminum-induced oxidative stress in rat brain: response to combined administration of citric acid and HEDTA. 2003 , 134, 319-28	30
266	The Utility Value of High Voltage Electron Microscopy for X-Ray Microanalysis. 2003 , 36, 299-315	1
265	Neurobehavioral, autonomic nervous function and lymphocyte subsets among aluminum electrolytic workers. 2003 , 16, 139-44	21
264	Aluminium cycling in the soil-plant-animal-human continuum. 2004 , 17, 669-89	81
263	Aluminum. 2004 , 635-658	14
262	Trace Analysis of Al (III) Ions Based on the Redox Current of a Conducting Polymer. 2004 , 16, 2051-2057	14
261	Aluminum binding to phosphatidylcholine lipid bilayer membranes: ²⁷ Al and ³¹ P NMR spectroscopic studies. 2004 , 132, 23-36	18
260	Investigation of the aluminium binding in Al(III)-treated neuroblastoma cells. 2004 , 19, 41-45	11
259	Effect of long-term aluminum feeding on lipid/phospholipid profiles of rat brain myelin. 2004 , 3, 13	22
258	Effects of aluminum chloride on sodium current, transient outward potassium current and delayed rectifier potassium current in acutely isolated rat hippocampal CA1 neurons. <i>Food and Chemical Toxicology</i> , 2004 , 42, 1453-62	4-7 16

257	Accumulation of aluminum in ferritin isolated from rat brain. 2004 , 366, 264-7		21
256	New silica-immobilized hydroxypyrimidinone as sorbent of hard metal ions from aqueous fluids. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1762-8	4.2	13
255	Acetylcholinesterase activation and enhanced lipid peroxidation after long-term exposure to low levels of aluminum on different mouse brain regions. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1865-70	4.2	111
254	Chelating effect of novel pyrimidines in a model of aluminum intoxication. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1853-7	4.2	19
253	Prognostic significance of low serum levels of Clara cell phospholipid-binding protein in occupational aluminium neurotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1904-11	4.2	17
252	Melatonin reduces oxidative stress and increases gene expression in the cerebral cortex and cerebellum of aluminum-exposed rats. 2005 , 39, 129-36		77
251	Pro-oxidant activity of aluminum in the rat hippocampus: gene expression of antioxidant enzymes after melatonin administration. 2005 , 38, 104-11		80
250	Concurrent exposure to aluminum and stress during pregnancy in rats: Effects on postnatal development and behavior of the offspring. 2005 , 27, 565-74		52
249	Bis(3-hydroxy-4-pyridinone)-EDTA derivative as a potential therapeutic Al-chelating agent. Synthesis, solution studies and biological assays. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1845-52	4.2	19
248	Neurodegenerative memory disorders: a potential role of environmental toxins. 2005 , 23, 485-521		18
247	Transport mechanism for aluminum citrate at the blood-brain barrier: kinetic evidence implies involvement of system Xc- in immortalized rat brain endothelial cells. 2005 , 155, 289-96		35
246	Modeling and separation-detection methods to evaluate the speciation of metals for toxicity assessment. 2006 , 9, 41-61		20
245	Reorganization of the rat cerebellar cortex during postnatal development following cisplatin treatment. 2006 , 201, 131-43		21
244	Free radical generation of protease-resistant prion after substitution of manganese for copper in bovine brain homogenate. <i>NeuroToxicology</i> , 2006 , 27, 437-44	4.4	18
243	Aluminium. 2006 , 97-105		1
242	Spatial coordination of aluminium uptake, production of reactive oxygen species, callose production and wall rigidification in maize roots. 2006 , 29, 1309-18		205
241	Effects of vitamin E against aluminum neurotoxicity in rats. 2006 , 71, 239-44		25
240	Aluminum binding to phosphatidylcholine lipid bilayer membranes: aluminum exchange lifetimes from ³¹ P NMR spectroscopy. 2006 , 139, 85-95		13

239	Neurofilament phosphorylation and disruption: a possible mechanism of chronic aluminium toxicity in Wistar rats. 2006 , 219, 1-10		62
238	Aluminum bioavailability from the approved food additive leavening agent acidic sodium aluminum phosphate, incorporated into a baked good, is lower than from water. 2006 , 227, 86-93		63
237	Effect of aluminum consumption on the vestibulo-ocular reflex. <i>Metabolic Brain Disease</i> , 2006 , 21, 89-103.9		4
236	Neurocognitive Effects in Welders Exposed to Aluminium: An Application of the NPC Test and NPC Ranking Methods. 2006 , 15, 191-208		4
235	Aluminium-induced injury to kidney proximal tubular cells: Effects on markers of oxidative damage. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006 , 19, 267-73	4.1	28
234	Aluminum exposure decreases dopamine D1 and D2 receptor expression in mouse brain. <i>Human and Experimental Toxicology</i> , 2007 , 26, 741-6	3.4	10
233	Human health risk assessment for aluminium, aluminium oxide, and aluminium hydroxide. 2007 , 10 Suppl 1, 1-269		559
232	Melatonin reduces lipid and protein oxidative damage in synaptosomes due to aluminium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007 , 21, 261-8	4.1	31
231	Speciation of Al in human serum by convective-interaction media fast-monolithic chromatography with inductively coupled plasma mass spectrometric detection. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1234-41	4.2	29
230	Potential ototoxicity of aluminum in hemodialysis patients. 2007 , 117, 137-41		4
229	Application of nicotine enantiomers, derivatives and analogues in therapy of neurodegenerative disorders. 2007 , 563, 18-39		54
228	Aluminum stimulates uptake of non-transferrin bound iron and transferrin bound iron in human glial cells. 2007 , 220, 349-56		39
227	Comparative effects of aluminum and ouabain on synaptosomal choline uptake, acetylcholine release and (Na ⁺ /K ⁺)ATPase. 2007 , 236, 158-77		23
226	Does neurotransmission impairment accompany aluminium neurotoxicity?. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1291-338	4.2	38
225	Analysis of brain regional distribution of aluminium in rats via oral and intraperitoneal administration. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007 , 21 Suppl 1, 31-4	4.1	43
224	Effect of long-term exposure to aluminum on the acetylcholinesterase activity in the central nervous system and erythrocytes. 2008 , 33, 2294-301		61
223	Metabolic adaptation and oxaloacetate homeostasis in <i>P. fluorescens</i> exposed to aluminum toxicity. 2008 , 48, 252-9		14
222	Tissue digestion for aluminum determination in experimental animal studies. 2008 , 377, 120-7		27

221	Recent developments on 3-hydroxy-4-pyridinones with respect to their clinical applications: Mono and combined ligand approaches. 2008 , 252, 1213-1224		47
220	Early neurotoxic effects of inhalation exposure to aluminum and/or manganese assessed by serum levels of phospholipid-binding Clara cells protein. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008 , 43, 118-24	2.3	14
219	Aluminium-induced electrophysiological, biochemical and cognitive modifications in the hippocampus of aging rats. <i>NeuroToxicology</i> , 2008 , 29, 1069-79	4.4	95
218	Role of beer as a possible protective factor in preventing Alzheimer's disease. <i>Food and Chemical Toxicology</i> , 2008 , 46, 49-56	4.7	32
217	A new approach for potential combined chelation therapy using mono- and bis-hydroxypyridinones. 2008 , 32, 147-56		6
216	Alteration of body total antioxidant capacity and thiol molecules in human chronic exposure to aluminum. 2008 , 90, 707-713		12
215	In vivo measurement of bone aluminum in population living in southern Ontario, Canada. 2008 , 35, 5115-23		25
214	Toxic Responses of the Fish Nervous System. 2008 , 417-455		6
213	Aluminum as a risk factor for Alzheimer's disease. 2008 , 16, 151-7		104
212	Effects of L-NAME, a non-specific nitric oxide synthase inhibitor, on AlCl ₃ -induced toxicity in the rat forebrain cortex. 2009 , 10, 15-22		13
211	Risk assessment of chronic poisoning among Indian metallic miners. 2009 , 13, 60-4		21
210	Brain oxidative stress and selective behaviour of aluminium in specific areas of rat brain: potential effects in a 6-OHDA-induced model of Parkinson's disease. 2009 , 109, 879-88		59
209	Spectrophotometric determination of aluminium and indium with 2,2',3,4-tetrahydroxy-3',5'-disulphoazobenzene. 2009 , 163, 1001-7		21
208	Effect of phosphate on aluminium-inhibited growth and signal transduction pathways in <i>Coffea arabica</i> suspension cells. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1497-503	4.2	5
207	Noninvasive measurement of aluminium in human bone: preliminary human study and improved system performance. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1585-90	4.2	11
206	Combined chelation based on glycosyl-mono- and bis-hydroxypyridinones for aluminium mobilization: solution and biodistribution studies. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1521-9	4.2	14
205	Long-term persistence of vaccine-derived aluminum hydroxide is associated with chronic cognitive dysfunction. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1571-8	4.2	69
204	Simultaneous determination of aluminoxamine and ferrioxamine in post-hemodialysis fluids by spectrophotometry and multivariate calibration. 2009 , 64, 677-682		1

203	Review paper: Role of aluminum in glass-ionomer dental cements and its biological effects. 2009 , 24, 293-308		38
202	Propolis alleviates aluminium-induced lipid peroxidation and biochemical parameters in male rats. <i>Food and Chemical Toxicology</i> , 2009 , 47, 1093-8	4.7	85
201	Methylmercury induces neuropathological changes with tau hyperphosphorylation mainly through the activation of the c-jun-N-terminal kinase pathway in the cerebral cortex, but not in the hippocampus of the mouse brain. <i>NeuroToxicology</i> , 2009 , 30, 1000-7	4.4	84
200	The Top 10 Things Nephrologists Wish Every Primary Care Physician Knew. <i>Mayo Clinic Proceedings</i> , 2009 , 84, 180-186	6.4	26
199	Challenges associated with metal chelation therapy in Alzheimer's disease. 2009 , 17, 457-68		119
198	Water pollution effect on population health in an industrial northern region. 2010 , 37, 194-203		9
197	Fractal dimension values of cerebral and cerebellar activity in rats loaded with aluminium. 2010 , 48, 671-9		8
196	Absence of binding between the human transferrin receptor and the transferrin complex of biological toxic trace element, aluminum, because of an incomplete open/closed form of the complex. <i>Biological Trace Element Research</i> , 2010 , 136, 279-86	4.5	17
195	Aluminum ion removal from monoaluminum ovotransferrin by pyrophosphate. 2010 , 22, 1153-1157		5
194	A selective and sensitive carbon composite coated platinum electrode for aluminium determination in pharmaceutical and mineral water samples. <i>Analytica Chimica Acta</i> , 2010 , 662, 76-81	6.6	15
193	References. 2010 , 459-565		
192	Gold nanoparticle-based colorimetric assay for selective detection of aluminium cation on living cellular surfaces. 2010 , 46, 988-90		78
191	Aluminium content in beers and silicon sequestering effects. 2010 , 43, 2432-2436		19
190	Plasma membrane-localized transporter for aluminum in rice. 2010 , 107, 18381-5		298
189	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. 2011 , 63, 915-23		62
188	Oral silicon supplementation: an effective therapy for preventing oral aluminum absorption and retention in mammals. 2011 , 69, 41-51		23
187	Long-term follow-up of cognitive dysfunction in patients with aluminum hydroxide-induced macrophagic myofasciitis (MMF). <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 1457-63	4.2	42
186	Rivastigmine reverses aluminum-induced behavioral changes in rats. 2011 , 659, 169-76		46

185	Aluminum enhances the toxic effects of amyloid β peptide on cell membranes and a molecular model. 2011 , 142, 431-437		2
184	Human diseases related to aluminium overload. 2011 , 142, 331-340		43
183	Localization of aluminium in tea (<i>Camellia sinensis</i>) leaves using low energy X-ray fluorescence spectro-microscopy. 2011 , 124, 165-72		92
182	The efficiency of bismuth subnitrate against genotoxicity and oxidative stress induced by aluminum sulphate. 2011 , 27, 133-42		22
181	Aluminium content of some processed foods, raw materials and food additives in China by inductively coupled plasma-mass spectrometry. 2011 , 4, 248-53		11
180	The neuroprotective role of boric acid on aluminum chloride-induced neurotoxicity. 2011 , 27, 700-10		22
179	Aluminium-, Aluminiumoxid-, und Aluminiumhydroxid-haltige Stube [MAK Value Documentation in German language, 2007]. 2012 , 1-80		
178	Aluminum. 2012 , 229-256		2
177	Total allowable concentrations of monomeric inorganic aluminum and hydrated aluminum silicates in drinking water. 2012 , 42, 358-442		71
176	The relationship between plasma aluminum content, lymphocyte DNA damage, and oxidative status in persons using aluminum containers and utensils daily. 2012 , 45, 1629-33		20
175	Fluorescent chemosensor for Al^{3+} and resultant complex as a chemosensor for perchlorate anion: First molecular security keypad lock based on Al^{3+} and ClO_4^- inputs. 2012 , 26, 31-36		45
174	Therapeutic effect of melatonin against aluminum-induced neurotoxicity in cerebellum of albino mice. 2012 , 94, 1422-1432		3
173	Bioavailability and preliminary toxicity evaluations of alumina nanoparticles in vivo after oral exposure. 2012 , 1, 69-74		16
172	Inhibitory effect of curcumin on the $Al(III)$ -induced $A\beta$ aggregation and neurotoxicity in vitro. 2012 , 1822, 1207-15		41
171	Aluminium induced structural, metabolic alterations and protective effects of desferrioxamine in the brain tissue of mice: an FTIR study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 99, 252-8	4.4	13
170	Occupational exposure to aluminum and its biomonitoring in perspective. 2012 , 42, 827-53		43
169	Interaction of soft donor sites with a hard metal ion: crystallographically characterized blue emitting fluorescent probe for $Al(III)$ with cell staining studies. <i>RSC Advances</i> , 2012 , 2, 12447	3.7	44
168	A highly selective fluorescence-enhanced chemosensor for Al^{3+} in aqueous solution based on a hybrid ligand from BINOL scaffold and β -amino alcohol. 2012 , 381, 137-142		55

167	Neurobehavioral toxic effects of perinatal oral exposure to aluminum on the developmental motor reflexes, learning, memory and brain neurotransmitters of mice offspring. 2012 , 101, 49-56		76
166	Mononucleotide-modified metal nanoparticles: an efficient colorimetric probe for selective and sensitive detection of aluminum(III) on living cellular surfaces. 2012 , 18, 2507-13		25
165	Local and systemic toxicity of nanoscale debris particles in total hip arthroplasty. 2012 , 32, 255-69		90
164	The impairment of one-trial passive avoidance learning in chicks caused by prenatal aluminum exposure. 2012 , 54, 133-8		
163	Multi-addressable molecular switches based on a new diarylethene salicylal Schiff base derivative. 2013 , 1, 4726		100
162	A novel pyrimidine derivative as a fluorescent chemosensor for highly selective detection of aluminum (III) in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 114, 681-6	4.4	24
161	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. 2013 , 123, 636-45		43
160	Some aspects of the effect of aluminum and its compounds on living organisms. 2013 , 83, 2633-2646		5
159	Efficient FRET-based colorimetric and ratiometric fluorescent chemosensor for Al ³⁺ in living cells. <i>Sensors and Actuators B: Chemical</i> , 2013 , 186, 360-366	8.5	66
158	Pomegranate peel attenuates aluminum-induced hepatorenal toxicity. 2013 , 23, 624-33		25
157	Solid-phase extraction and separation procedure for trace aluminum in water samples and its determination by high-resolution continuum source flame atomic absorption spectrometry (HR-CS FAAS). 2013 , 185, 2745-53		16
156	A new asymmetric Schiff base system as fluorescent chemosensor for Al ³⁺ ion. 2013 , 33, 63-67		68
155	Aluminium and other elements in selected herbal tea plant species and their infusions. 2013 , 139, 728-34		53
154	A novel rhodamine-based colorimetric chemodosimeter for the rapid detection of Al ³⁺ in aqueous methanol: fluorescent OFF-ON mechanism. 2013 , 54, 3630-3634		28
153	A highly sensitive and selective Schiff base fluorescent chemodosimeter for aluminum(III). 2013 , 66, 1847-1853		15
152	The effects on bone cells of metal ions released from orthopaedic implants. A review. 2013 , 10, 34-40		160
151	Aluminum Nanoparticles Induce ERK and p38MAPK Activation in Rat Brain. 2013 , 29, 181-5		26
150	Neurologic Dysfunction and Kidney Disease. 2014 , 293-316		1

149	Docosahexaenoic acid ameliorates aluminum induced biochemical and morphological alteration in rat cerebellum. 2014 , 21, 5-9		9
148	Neurocognitive effects in welders exposed to aluminium. 2014 , 30, 347-56		29
147	Dietary exposure to aluminium and health risk assessment in the residents of Shenzhen, China. 2014 , 9, e89715		28
146	Rhodamine-based molecular clips for highly selective recognition of Al ³⁺ ions: synthesis, crystal structure and spectroscopic properties. <i>New Journal of Chemistry</i> , 2014 , 38, 1627-1634	3.6	76
145	Effects of melatonin on aluminium-induced neurobehavioral and neurochemical changes in aging rats. <i>Food and Chemical Toxicology</i> , 2014 , 70, 84-93	4.7	23
144	Mechanism of simultaneous removal of Ca ²⁺ , Ni ²⁺ , Pb ²⁺ and Al ³⁺ ions from aqueous solutions using Purolite® S930 ion exchange resin. 2014 , 17, 496-502		14
143	A highly selective chemosensor for Al ³⁺ based on 2-oxo-quinoline-3-carbaldehyde Schiff-base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 124, 59-63	4.4	19
142	A novel pyrene-2-(pyridin-2-ylmethylsulfanyl)ethylamine based turn-on dual sensor for Al ³⁺ : experimental and computational studies. <i>RSC Advances</i> , 2014 , 4, 41784-41792	3.7	9
141	Systematic review of potential health risks posed by pharmaceutical, occupational and consumer exposures to metallic and nanoscale aluminum, aluminum oxides, aluminum hydroxide and its soluble salts. 2014 , 44 Suppl 4, 1-80		342
140	Metals and nonsteroidal anti-inflammatory pharmaceuticals drugs present in water from Mad̄ Reservoir (Mexico) induce oxidative stress in gill, blood, and muscle of common carp (<i>Cyprinus carpio</i>). 2014 , 67, 281-95		29
139	Therapeutic effect of taurine against aluminum-induced impairment on learning, memory and brain neurotransmitters in rats. 2014 , 35, 1579-84		23
138	Oxidative stress and mitochondrial dysfunction in aluminium neurotoxicity and its amelioration: a review. <i>NeuroToxicology</i> , 2014 , 41, 154-66	4.4	115
137	A highly selective chemosensor for Al(III) and Zn(II) and its coordination with metal ions. 2014 , 53, 3012-21		100
136	A new fluorescent probe for Al(3+) based on rhodamine 6G and its application to bioimaging. 2014 , 43, 12624-32		67
135	Chronic exposure to aluminum and melatonin through the diet: neurobehavioral effects in a transgenic mouse model of Alzheimer disease. <i>Food and Chemical Toxicology</i> , 2014 , 69, 320-9	4.7	26
134	A novel fluorescent nano-chemosensor for Al(III) ions using a new macrocyclic receptor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 124, 249-55	4.4	15
133	Melatonin does not modify the concentration of different metals in ABP transgenic mice. <i>Food and Chemical Toxicology</i> , 2014 , 70, 252-9	4.7	3
132	Neuroprotective role of hydroalcoholic extract of <i>Vitis vinifera</i> against aluminium-induced oxidative stress in rat brain. <i>NeuroToxicology</i> , 2014 , 41, 73-9	4.4	33

131	Occupational Exposure to Aluminum and Alzheimer Disease: A Meta-Analysis. 2015 , 57, 893-6		17
130	Saffron as an antidote or a protective agent against natural or chemical toxicities. 2015 , 23, 31		51
129	A differentially selective molecular probe for detection of trivalent ions (Al(3+), Cr(3+) and Fe(3+)) upon single excitation in mixed aqueous medium. 2015 , 44, 11805-10		89
128	A highly selective dual-channel Cu ²⁺ and Al ³⁺ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 173-182	8.5	62
127	Potential protective effects of extra virgin olive oil on the hepatotoxicity induced by co-exposure of adult rats to acrylamide and aluminum. 2015 , 6, 1126-35		15
126	Protective effects of a piperazine derivative [N-{4-[4-(2-methoxy-phenyl)-piperazin-1-yl]-phenyl} carbamic acid ethyl ester] against aluminium-induced neurotoxicity: insights from in silico and in vivo studies. 2015 , 27, 314-27		4
125	Protective effect of black tea extract against aluminium chloride-induced Alzheimer's disease in rats: A behavioural, biochemical and molecular approach. <i>Journal of Functional Foods</i> , 2015 , 16, 423-435	5.1	52
124	Colorimetric detection of Al(III) in vermicelli samples based on ionic liquid group coated gold nanoparticles. <i>RSC Advances</i> , 2015 , 5, 62260-62264	3.7	18
123	Two Different Emission-Wavelength Fluorescent Probes for Aluminum Ion based on Tunable Fluorophores in Aqueous Media. <i>Journal of Fluorescence</i> , 2015 , 25, 603-11	2.4	4
122	A New Fluorescence Turn-On Probe for Aluminum(III) with High Selectivity and Sensitivity, and its Application to Bioimaging. 2015 , 4, 378-82		16
121	Disruption of erythrocyte antioxidant defense system, hematological parameters, induction of pro-inflammatory cytokines and DNA damage in liver of co-exposed rats to aluminium and acrylamide. 2015 , 236, 31-40		33
120	ESIPT and CHEF based highly sensitive and selective ratiometric sensor for Al ³⁺ with imaging in human blood cells. <i>New Journal of Chemistry</i> , 2015 , 39, 8582-8587	3.6	47
119	Selective and sensitive turn-on chemosensor for Al(III) ions applicable in living organisms: nanomolar detection in aqueous medium. <i>RSC Advances</i> , 2015 , 5, 72508-72514	3.7	13
118	A histological study of toxic effects of aluminium sulfate on rat hippocampus. 2015 , 90, 132-9		11
117	Metallic implant biomaterials. 2015 , 87, 1-57		1142
116	Temperature controlled ionic liquid-based dispersive micro-extraction using two ligands, for determination of aluminium in scalp hair samples of Alzheimer's patients: a multivariate study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 877-85	4.4	39
115	Three N-stabilized rhodamine-based fluorescent probes for Al ³⁺ via Al ³⁺ -promoted hydrolysis of Schiff bases. <i>New Journal of Chemistry</i> , 2015 , 39, 342-348	3.6	36
114	Aluminium. 2016 , 187-197		

113	Role of Metabolic Genes in Blood Aluminum Concentrations of Jamaican Children with and without Autism Spectrum Disorder. 2016 , 13,			17
112	Understanding Aspects of Aluminum Exposure in Alzheimer's Disease Development. 2016 , 26, 139-54			63
111	Improvement of bio-compatible AZ61 magnesium alloy corrosion resistance by fluoride conversion coating. 2016 , 60, 132-138			6
110	Safety Assessment of Alumina and Aluminum Hydroxide as Used in Cosmetics. 2016 , 35, 16S-33S			14
109	Effects of combined exposure to aluminum chloride and β -radiation on histological and ultrastructure of intestinal Paneth cellsPeer review under responsibility of The Egyptian Society of Radiation Sciences and Applications.View all notes. 2016 , 9, 400-408			6
108	Multifaceted effects of aluminium in neurodegenerative diseases: A review. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 746-754	7.5		93
107	A highly selective fluorescence probe for Al ³⁺ based on a new diarylethene with a 6-(hydroxymethyl)picolinohydrazide unit. 2016 , 72, 8449-8455			15
106	Aluminum oxide nanoparticles alter cell cycle progression through CCND1 and EGR1 gene expression in human mesenchymal stem cells. 2016 , 63, 320-7			15
105	Silicon Reverses Lipid Peroxidation but not Acetylcholinesterase Activity Induced by Long-Term Exposure to Low Aluminum Levels in Rat Brain Regions. <i>Biological Trace Element Research</i> , 2016 , 169, 77-85	4.5		12
104	Enhanced utilization of organic phosphorus in a marine diatom <i>Thalassiosira weissflogii</i> : A possible mechanism for aluminum effect under P limitation. 2016 , 478, 77-85			12
103	Photoluminescence Determination of Aluminum Using Glutathione-Capped Gold Nanoclusters. 2016 , 49, 2246-2258			8
102	A novel 8-hydroxyquinoline-pyrazole based highly sensitive and selective Al(III) sensor in a purely aqueous medium with intracellular application: experimental and computational studies. <i>New Journal of Chemistry</i> , 2016 , 40, 4710-4719	3.6		30
101	An OFF-ON fluorescent chemosensor based on rhodamine 6G-2-chloronicotinaldehyde for the detection of Al ³⁺ ions: Part II. <i>Sensors and Actuators B: Chemical</i> , 2016 , 227, 227-241	8.5		22
100	Bioprocessing of Metals from Packaging Wastes. 2016 , 139-164			1
99	A rhodamine embedded bio-compatible smart molecule mimicking a combinatorial logic circuit and key-pad lock memory device for defending against information risk. <i>New Journal of Chemistry</i> , 2016 , 40, 330-339	3.6		11
98	Rhodamine based chemosensor for trivalent cations: Synthesis, spectral properties, secondary complex as sensor for arsenate and molecular logic gates. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 518-534	8.5		47
97	A Combination of Resveratrol and Curcumin is Effective Against Aluminum Chloride-Induced Neuroinflammation in Rats. 2017 , 60, S221-S235			30
96	Aluminium adjuvants used in vaccines versus placebo or no intervention. <i>The Cochrane Library</i> , 2017 , ,	5.2		7

95	Luminescent Benzothiazole-Based Fluorophore of Anisidine Scaffoldings: a "Turn-On" Fluorescent Probe for Al and Hg Ions. <i>Journal of Fluorescence</i> , 2017 , 27, 1943-1948	2.4	10
94	A acid/base gated photochromic and fluorescent sensor based on a diarylethene with a 2-(1H-dithienobenzoimidazole)phenol unit. 2017 , 146, 445-454		28
93	Synthetic Modulation of a Chemosensor Affords Target Metal Ion Switch from Zn ²⁺ to Al ³⁺ . 2017 , 2, 5414-5420		5
92	The effects of metal ion contaminants on the double stranded DNA helix and diseases. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017 , 52, 1030-1040	2.3	7
91	Bay Functionalized Perylene ^{3,4,9,10} -tetracarboxylic diimide with Pyridine Positional Isomers: NIR Absorption and Selective Colorimetric/Fluorescent Sensing of Fe and Al Ions. <i>Journal of Fluorescence</i> , 2017 , 27, 491-500	2.4	14
90	Fluorescent sensing of Al ³⁺ by benzophenone based Schiff base chemosensor and live cell imaging applications: Impact of keto-enol tautomerism. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 1194-1204	8.5	35
89	Highly selective light-up Al ³⁺ sensing by a coumarin based Schiff base probe: Subsequent phosphate sensing DNA binding and live cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 332, 101-111	4.7	34
88	A quinoline appended naphthalene derivative based AIE active fluorescent probe for the selective recognition of Al ³⁺ and colourimetric sensor for Cu ²⁺ : Experimental and computational studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 332, 505-514	4.7	30
87	Aluminium (Al) speciation in serum and urine after subcutaneous venom immunotherapy with Al as adjuvant. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 49, 178-183	4.1	5
86	Accumulation Patterns of Sub-chronic Aluminum Toxicity Model After Gastrointestinal Administration in Rats. <i>Biological Trace Element Research</i> , 2018 , 185, 384-394	4.5	10
85	Effects of occupational exposure to aluminium on some oxidative stress and DNA damage parameters. <i>Human and Experimental Toxicology</i> , 2018 , 37, 901-908	3.4	10
84	A innovative switchable polarity solvent, based on 1,8-diazabicyclo-[5.4.0]-undec-7-ene and decanol was prepared for enrichment of aluminum in biological sample prior to analysis by flame atomic absorption spectrometry. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4157	3.1	9
83	Systemic and local toxicity of metal debris released from hip prostheses: A review of experimental approaches. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 951-963	6	61
82	A new fluorescence turn-on chemosensor for nanomolar detection of Al ³⁺ constructed from a pyridine ² pyrazole system. <i>New Journal of Chemistry</i> , 2018 , 42, 2933-2941	3.6	25
81	Trace element measurement for assessment of dog food safety. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 2045-2050	5.1	7
80	Synthesis of rhodamine based organic nanorods for efficient chemosensor probe for Al (III) ions and its biological applications. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 795-804	8.5	51
79	Phytoplankton responses to aluminum enrichment in the South China Sea. <i>Journal of Inorganic Biochemistry</i> , 2018 , 181, 117-131	4.2	5
78	A new multi-analyte fluorogenic sensor for efficient detection of Al ³⁺ and Zn ²⁺ ions based on ESIPT and CHEF features. <i>New Journal of Chemistry</i> , 2018 , 42, 19076-19082	3.6	21

77	A dipodal molecular probe for naked eye detection of trivalent cations (Al, Fe and Cr) in aqueous medium and its applications in real sample analysis and molecular logic gates.. <i>RSC Advances</i> , 2018 , 8, 35946-35958	3.7	19
76	Determination of aluminium leaching into various baked meats with different types of foils by ICP-MS. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13771	2.1	6
75	CHEF-Affected Fluorogenic Nanomolar Detection of Al by an Anthranilic Acid-Naphthalene Hybrid: Cell Imaging and Crystal Structure. <i>ACS Omega</i> , 2018 , 3, 11838-11846	3.9	12
74	Aluminum-Induced Electrophysiological Variation, Synaptic Plasticity Impairment, and Related Mechanism. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1091, 161-172	3.6	3
73	Binding of trivalent metal ions (Al, In, La) with phosphatidylcholine liposomal membranes investigated by microelectrophoresis. <i>European Physical Journal E</i> , 2018 , 41, 70	1.5	5
72	Combined exposure to carbon disulfide and low-frequency noise reversibly affects vestibular function. <i>NeuroToxicology</i> , 2018 , 67, 270-278	4.4	5
71	Exposure to Alumina Nanoparticles in Female Mice During Pregnancy Induces Neurodevelopmental Toxicity in the Offspring. <i>Frontiers in Pharmacology</i> , 2018 , 9, 253	5.6	30
70	Single sensors for multiple analytes employing fluorometric differentiation for Cr ³⁺ and Al ³⁺ in semi-aqueous medium with bio-activity and theoretical aspects. <i>Analytical Methods</i> , 2018 , 10, 4063-4072 ^{3,2}		16
69	d-galactose and aluminium chloride induced rat model with cognitive impairments. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 103, 1602-1608	7.5	35
68	Adverse local and systemic effect of nanoparticles released from oral and cranio-maxillofacial implants. 2018 , 63-79		2
67	EGCG Nanoparticles Attenuate Aluminum Chloride Induced Neurobehavioral Deficits, Beta Amyloid and Tau Pathology in a Rat Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 244	5.3	55
66	Aluminum effects on marine phytoplankton: implications for a revised Iron Hypothesis (Iron/Aluminum Hypothesis). <i>Biogeochemistry</i> , 2018 , 139, 123-137	3.8	20
65	Orthopedic Implants. 2019 , 425-439		12
64	Role of Melatonin in Aluminum-Related Neurodegenerative Disorders: a Review. <i>Biological Trace Element Research</i> , 2019 , 188, 60-67	4.5	13
63	Homeostatic changes of some trace elements in geriatric rats in the condition of oxidative stress induced by aluminum and the beneficial role of resveratrol. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 55, 136-142	4.1	5
62	Pyrene-phenylglycinol linked reversible ratiometric fluorescent chemosensor for the detection of aluminium in nanomolar range and its bio-imaging. <i>Analytica Chimica Acta</i> , 2019 , 1090, 114-124	6.6	18
61	An antipyrine based fluorescence "turn-on" dual sensor for Zn and Al and its selective fluorescence "turn-off" sensing towards 2,4,6-trinitrophenol (TNP) in the aggregated state. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2717-2729	4.2	16
60	Neuroprotective Effect of Cardamom Oil Against Aluminum Induced Neurotoxicity in Rats. <i>Frontiers in Neurology</i> , 2019 , 10, 399	4.1	42

59	Emerging magnesium-based biomaterials for orthopedic implantation. <i>Emerging Materials Research</i> , 2019 , 8, 305-319	1.4	17
58	Tacrine-Hydrogen Sulfide Donor Hybrid Ameliorates Cognitive Impairment in the Aluminum Chloride Mouse Model of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3500-3509	5.7	28
57	Impacts of Egyptian propolis extract on rat cerebellum intoxicated by aluminum silicate: histopathological studies. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 22061-22068	5.1	5
56	Aluminum, Al. 2019 , 413-462		4
55	A simple turn-on fluorescent chemosensor based on Schiff base-terminated water-soluble polymer for selective detection of Al in 100% aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 214, 436-444	4.4	13
54	Serum metallome in pregnant women and the relationship with congenital malformations of the central nervous system: a case-control study. <i>BMC Pregnancy and Childbirth</i> , 2019 , 19, 471	3.2	1
53	Improvement of electrochemical corrosion characteristics of AZ61 magnesium alloy with unconventional fluoride conversion coatings. <i>Surface and Coatings Technology</i> , 2019 , 357, 638-650	4.4	25
52	Iron Dyshomeostasis Participated in Rat Hippocampus Toxicity Caused by Aluminum Chloride. <i>Biological Trace Element Research</i> , 2020 , 197, 580-590	4.5	3
51	Neuroprotective effect of Salvia splendens extract and its constituents against AlCl ₃ -induced Alzheimer's disease in rats. <i>Advances in Traditional Medicine</i> , 2020 , 20, 381-393	1.4	2
50	A novel dual-function probe for recognition of Zn and Al and its application in real samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117786	4.4	16
49	A novel dual-function probe for recognition and differentiation of Zn ²⁺ and Al ³⁺ and its application. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112250	6	12
48	Preclinical evidences of aluminum-induced neurotoxicity in hippocampus and pre-frontal cortex of rats exposed to low doses. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111139	7	6
47	Ameliorative role of diets fortified with Curcumin in a Drosophila melanogaster model of aluminum chloride-induced neurotoxicity. <i>Journal of Functional Foods</i> , 2020 , 71, 104035	5.1	8
46	Protective effects of chondroitin sulphate nano-selenium on a mouse model of Alzheimer's disease. <i>International Journal of Biological Macromolecules</i> , 2020 , 154, 233-245	7.9	21
45	A fog-collecting surface mimicking the Namib beetle: its water collection efficiency and influencing factors. <i>Nanoscale</i> , 2020 , 12, 6921-6936	7.7	21
44	Design biodegradable Zn alloys: Second phases and their significant influences on alloy properties. <i>Bioactive Materials</i> , 2020 , 5, 210-218	16.7	43
43	Characterization of bone aluminum, a potential biomarker of cumulative exposure, within an occupational population from Zunyi, China. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020 , 59, 126469	4.1	3
42	Amelioration of Liver Ailments by Saffron (<i>Crocus sativus</i>) and Its Secondary Metabolites. 2020 , 1-20		1

41	Role of microRNAs in neurodegeneration induced by environmental neurotoxins and aging. <i>Ageing Research Reviews</i> , 2020 , 60, 101068	12	17
40	Natural Compounds Rosmarinic Acid and Carvacrol Counteract Aluminium-Induced Oxidative Stress. <i>Molecules</i> , 2020 , 25,	4.8	9
39	Evaluation of Cerebellar Function and Integrity of Adult Rats After Long-Term Exposure to Aluminum at Equivalent Urban Region Consumption Concentrations. <i>Biological Trace Element Research</i> , 2021 , 199, 1425-1436	4.5	0
38	Pomegranate juice rescues developmental, neurobehavioral and biochemical disorders in aluminum chloride-treated male mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 63, 126655	4.1	3
37	Neurotherapeutic and antioxidant response of D-ribose-L-Cysteine nutritional dietary supplements on Alzheimer-type hippocampal neurodegeneration induced by cuprizone in adult male wistar rat model. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111862	4.7	3
36	Recent advances in cation sensing using aggregation-induced emission. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 659-708	7.8	36
35	Silver nanoparticles in the fetal brain: new perspectives in understanding the pathogenesis of unexplained stillbirths. <i>Nanomedicine</i> , 2021 , 16, 265-274	5.6	1
34	Neuroprotective potential of Malva neglecta is mediated via down-regulation of cholinesterase and modulation of oxidative stress markers. <i>Metabolic Brain Disease</i> , 2021 , 36, 889-900	3.9	13
33	Ameliorative effects of astaxanthin on brain tissues of alzheimer's disease-like model: cross talk between neuronal-specific microRNA-124 and related pathways. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 2233-2249	4.2	6
32	Enhanced cytocompatibility of Ti6Al4V alloy through selective removal of Al and V from the hierarchical micro-arc oxidation coating. <i>Applied Surface Science</i> , 2021 , 541, 148547	6.7	7
31	Tease out the future: How tea research might enable crop breeding for acid soil tolerance. <i>Plant Communications</i> , 2021 , 2, 100182	9	3
30	Combination of donepezil and gallic acid improves antioxidant status and cholinesterases activity in aluminum chloride-induced neurotoxicity in Wistar rats. <i>Metabolic Brain Disease</i> , 2021 , 36, 2511-2519	3.9	2
29	Characterization and Corrosion Properties of Fluoride Conversion Coating Prepared on AZ31 Magnesium Alloy. <i>Coatings</i> , 2021 , 11, 675	2.9	4
28	Role of metals in Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2021 , 36, 1627-1639	3.9	10
27	Survey of six metal contaminants and impurities and eleven metals and alloy components released from stainless-steel sheets on the Chinese market. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 38, 2091-2101	3.2	0
26	Aluminium adjuvants used in vaccines. <i>The Cochrane Library</i> ,	5.2	5
25	Coordination and Solution Chemistry of the Metals: Biological, Medical and Environmental Relevance. 519-611		2
24	Remodeling of arachidonate and other polyunsaturated fatty acids in Alzheimer's disease. 2004 , 145-167		1

23	The top 10 things nephrologists wish every primary care physician knew. <i>Mayo Clinic Proceedings</i> , 2009 , 84, 180-6	6.4	12
22	Systemic Effects of Metals Released from Arthroplasty Implants - a Brief Summary. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020 , 158, 501-507	1.1	1
21	Biocompatibility and corrosion resistance of metallic biomaterials. <i>Corrosion Reviews</i> , 2020 , 38, 381-402	3.2	14
20	Brazilian female crack users show elevated serum aluminum levels. <i>Revista Brasileira De Psiquiatria</i> , 2007 , 29, 39-42	2.6	8
19	Aluminium oxide nanoparticles compromise spatial learning and memory performance in rats. <i>EXCLI Journal</i> , 2018 , 17, 200-210	2.4	21
18	Aluminium toxicosis: a review of toxic actions and effects. <i>Interdisciplinary Toxicology</i> , 2019 , 12, 45-70	2.3	78
17	Regulation of Neuroactive Metals by the Choroid Plexus. 2005 , 211-239		
16	Neurological Dysfunction and Kidney Disease. 2008 , 327-346		0
15	Aluminum. 2009 , 282-292		
14	Animal Models of Metallic Dementia. <i>Neuromethods</i> , 2011 , 685-726	0.4	
13	Aluminum increases toxic effects of amyloid peptides on the human erythrocyte membrane and molecular models. 2012 , 125-135		
12	Local and Distant Reaction to Metallic Wear Debris. 2014 , 269-294		
11	Aluminum. 2017 , 105-110		
10	Vitis vinifera: An Alternative for the Prevention of Neurodegenerative Diseases. <i>Journal of Oleo Science</i> , 2020 , 69, 1147-1161	1.6	3
9	Neuropsychological function among workers exposed to aluminum - a mini-review. <i>Industrial Health</i> , 2021 ,	2.5	0
8	The relationship of aluminium and silver to neural tube defects; a case control. <i>Iranian Journal of Pediatrics</i> , 2012 , 22, 369-74	1	11
7	Glutathione alleviated peripheral neuropathy in oxaliplatin-treated mice by removing aluminum from dorsal root ganglia. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 926-939	3	13
6	Aluminum Poisoning with Emphasis on Its Mechanism and Treatment of Intoxication.. <i>Emergency Medicine International</i> , 2022 , 2022, 1480553	1.4	6

5	Captopril is more effective than Perindopril against aluminium chloride induced amyloidogenesis and AD like pathology.. <i>Heliyon</i> , 2022 , 8, e08935	3.6	0
4	A Review on the Use of Biochar Derived Carbon Quantum Dots Production for Sensing Applications. <i>Chemosensors</i> , 2022 , 10, 117	4	2
3	Water-soluble optical sensors: keys to detect aluminium in biological environment.. <i>RSC Advances</i> , 2022 , 12, 13950-13970	3.7	4
2	Celastrol and thymoquinone alleviate aluminum chloride-induced neurotoxicity: Behavioral psychomotor performance, neurotransmitter level, oxidative-inflammatory markers, and BDNF expression in rat brain.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 151, 113072	7.5	1
1	Characterization and Toxicity Analysis of Lab-Created Respirable Coal Mine Dust from the Appalachians and Rocky Mountains Regions. <i>Minerals (Basel, Switzerland)</i> , 2022 , 12, 898	2.4	1