

# Christopher Exley

## List of Publications by Year in descending order

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199  
papers

8,817  
citations

29994

54  
h-index

53109

85  
g-index

219  
all docs

219  
docs citations

219  
times ranked

6733  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pro-oxidant activity of aluminum. <i>Free Radical Biology and Medicine</i> , 2004, 36, 380-387.	1.3	358
2	Aluminium, iron, zinc and copper influence the in vitro formation of amyloid fibrils of A $\beta$ 242 in a manner which may have consequences for metal chelation therapy in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2004, 6, 291-301.	1.2	296
3	Human exposure to aluminium. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1807-1816.	1.7	256
4	Acute toxicity of aluminium to fish eliminated in silicon-rich acid waters. <i>Nature</i> , 1989, 338, 146-148.	13.7	254
5	Aluminium in brain tissue in familial Alzheimer's disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 40, 30-36.	1.5	182
6	A molecular mechanism of aluminium-induced Alzheimer's disease?. <i>Journal of Inorganic Biochemistry</i> , 1999, 76, 133-140.	1.5	169
7	The immunobiology of aluminium adjuvants: how do they really work?. <i>Trends in Immunology</i> , 2010, 31, 103-109.	2.9	164
8	The cellular toxicity of aluminium. <i>Journal of Theoretical Biology</i> , 1992, 159, 83-98.	0.8	162
9	Silicon in life: A bioinorganic solution to bioinorganic essentiality. J.D. Birchall memorial lecture.1. <i>Journal of Inorganic Biochemistry</i> , 1998, 69, 139-144.	1.5	156
10	A biogeochemical cycle for aluminium?. <i>Journal of Inorganic Biochemistry</i> , 2003, 97, 1-7.	1.5	151
11	The toxicity of aluminium in humans. <i>Morphologie</i> , 2016, 100, 51-55.	0.5	140
12	CAN THE CONTROVERSY OF THE ROLE OF ALUMINUM IN ALZHEIMER'S DISEASE BE RESOLVED? WHAT ARE THE SUGGESTED APPROACHES TO THIS CONTROVERSY AND METHODOLOGICAL ISSUES TO BE CONSIDERED?. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1996, 48, 615-636.	1.1	139
13	A possible mechanism of biological silicification in plants. <i>Frontiers in Plant Science</i> , 2015, 6, 853.	1.7	131
14	A mechanism for acute aluminium toxicity in fish. <i>Journal of Theoretical Biology</i> , 1991, 151, 417-428.	0.8	124
15	An interaction of $\beta$ -amyloid with aluminium in vitro. <i>FEBS Letters</i> , 1993, 324, 293-295.	1.3	122
16	Slow CCL2-dependent translocation of biopersistent particles from muscle to brain. <i>BMC Medicine</i> , 2013, 11, 99.	2.3	119
17	Darwin, natural selection and the biological essentiality of aluminium and silicon. <i>Trends in Biochemical Sciences</i> , 2009, 34, 589-593.	3.7	112
18	A role for the body burden of aluminium in vaccine-associated macrophagic myofasciitis and chronic fatigue syndrome. <i>Medical Hypotheses</i> , 2009, 72, 135-139.	0.8	112

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19	Aluminium in brain tissue in autism. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 46, 76-82.	1.5	112
20	Ferrous iron formation following the co-aggregation of ferric iron and the Alzheimer's disease peptide A $\beta$ -amyloid (1-42). <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140165.	1.5	111
21	Severe cerebral congophilic angiopathy coincident with increased brain aluminium in a resident of Camelford, Cornwall, UK. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 877-879.	0.9	110
22	Aluminium, iron and copper in human brain tissues donated to the medical research council's cognitive function and ageing study. <i>Metallomics</i> , 2012, 4, 56-65.	1.0	109
23	New insight into silica deposition in horsetail ( <i>Equisetum arvense</i> ). <i>BMC Plant Biology</i> , 2011, 11, 112.	1.6	106
24	Pro-oxidant activity of aluminum: Promoting the Fenton reaction by reducing Fe(III) to Fe(II). <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 118-123.	1.5	106
25	ALUMINUM TOXICOKINETICS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1996, 48, 569-584.	1.1	105
26	Aluminium in the human brain. <i>Monatshefte für Chemie</i> , 2011, 142, 357-363.	0.9	103
27	Aluminium and iron, but neither copper nor zinc, are key to the precipitation of A $\beta$ -sheets of A $\beta$ 242 in senile plaque cores in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 10, 173-177.	1.2	102
28	Copper(II) inhibits the formation of amylin amyloid in vitro. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 371-375.	1.5	95
29	Non-linear dose-response of aluminium hydroxide adjuvant particles: Selective low dose neurotoxicity. <i>Toxicology</i> , 2017, 375, 48-57.	2.0	92
30	Copper prevents amyloid- $\beta$ 1-42 from forming amyloid fibrils under near-physiological conditions in vitro. <i>Scientific Reports</i> , 2013, 3, 1256.	1.6	90
31	The reaction of aluminium with silicic acid in acidic solution: an important mechanism in controlling the biological availability of aluminium?. <i>Coordination Chemistry Reviews</i> , 2002, 228, 127-135.	9.5	89
32	Redox cycling of iron by A $\beta$ 242. <i>Free Radical Biology and Medicine</i> , 2006, 40, 557-569.	1.3	89
33	Aluminium in human breast tissue. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1344-1346.	1.5	89
34	The coordination chemistry of aluminium in neurodegenerative disease. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2142-2146.	9.5	88
35	Aluminium and breast cancer: Sources of exposure, tissue measurements and mechanisms of toxicological actions on breast biology. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 257-261.	1.5	87
36	Elevated urinary excretion of aluminium and iron in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2006, 12, 533-540.	1.4	85

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37	The formation of hydroxyaluminosilicates of geochemical and biological significance. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2461-2467.	1.6	83
38	Aluminium in human brain tissue from donors without neurodegenerative disease: A comparison with Alzheimer's disease, multiple sclerosis and autism. <i>Scientific Reports</i> , 2020, 10, 7770.	1.6	81
39	Measurement by reversed-phase high-performance liquid chromatography of malondialdehyde in normal human urine following derivatisation with 2,4-dinitrophenylhydrazine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 353-362.	1.2	77
40	What is the risk of aluminium as a neurotoxin?. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 589-591.	1.4	76
41	The Aluminium-Amyloid Cascade Hypothesis and Alzheimer's Disease. <i>Sub-Cellular Biochemistry</i> , 2005, 38, 225-234.	1.0	75
42	Insight into the cellular fate and toxicity of aluminium adjuvants used in clinically approved human vaccinations. <i>Scientific Reports</i> , 2016, 6, 31578.	1.6	74
43	A mechanism of hydroxyaluminosilicate formation. <i>Polyhedron</i> , 1993, 12, 1007-1017.	1.0	73
44	Hydroxyaluminosilicate formation in solutions of low total aluminum concentration. <i>Polyhedron</i> , 1992, 11, 1901-1907.	1.0	71
45	The binding, transport and fate of aluminium in biological cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 90-95.	1.5	71
46	Aluminum inhibition of hexokinase activity in vitro: A study in biological availability. <i>Journal of Inorganic Biochemistry</i> , 1994, 54, 297-304.	1.5	66
47	Hydroxyaluminosilicates and Acute Aluminium Toxicity in Fish. <i>Journal of Theoretical Biology</i> , 1997, 189, 133-139.	0.8	65
48	Aluminum Should Now Be Considered a Primary Etiological Factor in Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2017, 1, 23-25.	1.2	64
49	Promotion of formation of amyloid fibrils by aluminium adenosine triphosphate (AlATP). <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 215-224.	1.5	62
50	Aluminum in Tobacco and Cannabis and Smoking-Related Disease. <i>American Journal of Medicine</i> , 2006, 119, 276.e9-276.e11.	0.6	60
51	Pro-oxidant Activity of Aluminum: Stabilization of the Aluminum Superoxide Radical Ion. <i>Journal of Physical Chemistry A</i> , 2011, 115, 6717-6723.	1.1	60
52	Elevated brain aluminium and early onset Alzheimer's disease in an individual occupationally exposed to aluminium: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 41.	0.4	59
53	Non-invasive therapy to reduce the body burden of aluminium in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 10, 17-24.	1.2	58
54	Unraveling the enigma: elucidating the relationship between the physicochemical properties of aluminium-based adjuvants and their immunological mechanisms of action. <i>Allergy, Asthma and Clinical Immunology</i> , 2018, 14, 80.	0.9	57

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55	Does antiperspirant use increase the risk of aluminium-related disease, including Alzheimer's disease?. Trends in Molecular Medicine, 1998, 4, 107-109.	2.6	55
56	There is (still) too much aluminium in infant formulas. BMC Pediatrics, 2010, 10, 63.	0.7	52
57	Evidence of Redox-Active Iron Formation Following Aggregation of Ferrihydrite and the Alzheimer's Disease Peptide $\beta$ -Amyloid. Inorganic Chemistry, 2014, 53, 2803-2809.	1.9	52
58	Silicon-Rich Mineral Water as a Non-Invasive Test of the "Aluminum Hypothesis" in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, 423-430.	1.2	51
59	Brain Burdens of Aluminum, Iron, and Copper and their Relationships with Amyloid- $\beta$ Pathology in 60 Human Brains. Journal of Alzheimer's Disease, 2012, 31, 725-730.	1.2	51
60	The Identification of Aluminum in Human Brain Tissue Using Lumogallion and Fluorescence Microscopy. Journal of Alzheimer's Disease, 2016, 54, 1333-1338.	1.2	48
61	Aluminum and Amyloid- $\beta$ in Familial Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 73, 1627-1635.	1.2	47
62	Metals accelerate the formation and direct the structure of amyloid fibrils of NAC. Journal of Inorganic Biochemistry, 2005, 99, 1920-1927.	1.5	46
63	Unequivocal identification of intracellular aluminium adjuvant in a monocytic THP-1 cell line. Scientific Reports, 2014, 4, 6287.	1.6	46
64	Spherulites of Amyloid- $\beta$ 242 In Vitro and in Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 20, 1159-1165.	1.2	45
65	Aluminium in human brain tissue: how much is too much?. Journal of Biological Inorganic Chemistry, 2019, 24, 1279-1282.	1.1	45
66	Copper Abolishes the $\beta$ -Sheet Secondary Structure of Preformed Amyloid Fibrils of Amyloid- $\beta$ 242. Journal of Alzheimer's Disease, 2009, 18, 811-817.	1.2	44
67	Use of Underarm Cosmetic Products in Relation to Risk of Breast Cancer: A Case-Control Study. EBioMedicine, 2017, 21, 79-85.	2.7	43
68	Kinetic Constraints in Acute Aluminium Toxicity in the Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). Journal of Theoretical Biology, 1996, 179, 25-31.	0.8	41
69	Aluminium adjuvants and adverse events in sub-cutaneous allergy immunotherapy. Allergy, Asthma and Clinical Immunology, 2014, 10, 4.	0.9	41
70	Highly delayed systemic translocation of aluminum-based adjuvant in CD1 mice following intramuscular injections. Journal of Inorganic Biochemistry, 2015, 152, 199-205.	1.5	41
71	Identification of the aquaporin gene family in Cannabis sativa and evidence for the accumulation of silicon in its tissues. Plant Science, 2019, 287, 110167.	1.7	41
72	Plasmin cleaves A $\beta$ 242 in vitro and prevents its aggregation into $\beta$ -pleated sheet structures. NeuroReport, 2001, 12, 2967-2970.	0.6	38

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73	Towards a model of non-equilibrium binding of metal ions in biological systems. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 205-209.	1.5	38
74	Critical analysis of reference studies on the toxicokinetics of aluminum-based adjuvants. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 87-95.	1.5	38
75	Why Industry Propaganda and Political Interference Cannot Disguise the Inevitable Role Played by Human Exposure to Aluminum in Neurodegenerative Diseases, Including Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2014, 5, 212.	1.1	37
76	Aluminum content of human semen: Implications for semen quality. <i>Reproductive Toxicology</i> , 2014, 50, 43-48.	1.3	37
77	Aluminum exposure at human dietary levels promotes vascular dysfunction and increases blood pressure in rats: A concerted action of NAD(P)H oxidase and COX-2. <i>Toxicology</i> , 2017, 390, 10-21.	2.0	37
78	The aluminium content of infant formulas remains too high. <i>BMC Pediatrics</i> , 2013, 13, 162.	0.7	36
79	Metal-mediated formation of fibrillar Aβ amyloid. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 2006-2010.	1.5	34
80	Aluminium based adjuvants and their effects on mitochondria and lysosomes of phagocytosing cells. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 229-236.	1.5	34
81	Human pro-islet amyloid polypeptide (ProIAPP1-48) forms amyloid fibrils and amyloid spherulites in vitro. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 1125-1129.	1.5	32
82	Aluminum exposure for 60 days at human dietary levels impairs spermatogenesis and sperm quality in rats. <i>Reproductive Toxicology</i> , 2017, 73, 128-141.	1.3	31
83	Aluminium in Brain Tissue in Multiple Sclerosis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1777.	1.2	31
84	Aluminum and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2001, 3, 551-552.	1.2	30
85	What is the mechanism of formation of hydroxyaluminosilicates?. <i>Scientific Reports</i> , 2016, 6, 30913.	1.6	29
86	Callose-associated silica deposition in Arabidopsis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 86-90.	1.5	29
87	Intravascular ATP and coronary vasodilation in the isolated working rat heart. <i>British Journal of Pharmacology</i> , 1999, 127, 701-708.	2.7	28
88	How is silicic acid transported in plants?. <i>Silicon</i> , 2020, 12, 2641-2645.	1.8	28
89	Aluminium-based adjuvants should not be used as placebos in clinical trials. <i>Vaccine</i> , 2011, 29, 9289.	1.7	27
90	Reflections upon and recent insight into the mechanism of formation of hydroxyaluminosilicates and the therapeutic potential of silicic acid. <i>Coordination Chemistry Reviews</i> , 2012, 256, 82-88.	9.5	27

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91	Silicic acid: The omniscient molecule. <i>Science of the Total Environment</i> , 2019, 665, 432-437.	3.9	27
92	Visualising Silicon in Plants: Histochemistry, Silica Sculptures and Elemental Imaging. <i>Cells</i> , 2020, 9, 1066.	1.8	27
93	ATP-promoted amyloidosis of an amyloid $\beta$ peptide. <i>NeuroReport</i> , 1997, 8, 3411-3414.	0.6	26
94	The solubility of an hydroxyaluminosilicate. <i>Polyhedron</i> , 2004, 23, 3185-3191.	1.0	25
95	Aluminum in antiperspirants: More than just skin deep. <i>American Journal of Medicine</i> , 2004, 117, 969-970.	0.6	25
96	Aluminum's preferential binding site in proteins: sidechain of amino acids versus backbone interactions. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 111-116.	1.5	25
97	Aluminium in the brain and heart of the rainbow trout. <i>Journal of Fish Biology</i> , 1996, 48, 706-713.	0.7	24
98	The precipitation of mucin by aluminium. <i>Journal of Inorganic Biochemistry</i> , 1998, 70, 195-206.	1.5	24
99	Aluminium in human sweat. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 87-88.	1.5	24
100	From Stock Bottle to Vaccine: Elucidating the Particle Size Distributions of Aluminum Adjuvants Using Dynamic Light Scattering. <i>Frontiers in Chemistry</i> , 2016, 4, 48.	1.8	24
101	Avoidance of aluminum by rainbow trout. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 933-939.	2.2	23
102	Elucidating Aluminiums Exposome. <i>Current Inorganic Chemistry</i> , 2012, 2, 3-7.	0.2	23
103	Urinary Excretion of Aluminium and Silicon in Secondary Progressive Multiple Sclerosis. <i>EBioMedicine</i> , 2017, 26, 60-67.	2.7	23
104	Thermal analyses of aluminium hydroxide and hydroxyaluminosilicates. <i>Polyhedron</i> , 2006, 25, 1707-1713.	1.0	22
105	A systems biology approach to the blood's aluminium problem: The application and testing of a computational model. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1187-1191.	1.5	22
106	Serum Amyloid P Component Accelerates the Formation and Enhances the Stability of Amyloid Fibrils in a Physiologically Significant Under-Saturated Solution of Amyloid- $\beta$ 42. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 875-881.	1.2	22
107	Silicon in Life: Whither Biological Silicification?. <i>Progress in Molecular and Subcellular Biology</i> , 2009, 47, 173-184.	0.9	22
108	Polynuclear Aluminium and Acute Aluminium Toxicity in the Fish. <i>Journal of Theoretical Biology</i> , 1994, 167, 415-416.	0.8	21

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109	Direct and indirect identification of the formation of hydroxyaluminosilicates in acidic solutions. <i>Journal of Inorganic Biochemistry</i> , 2001, 87, 71-79.	1.5	21
110	Bumblebee Pupae Contain High Levels of Aluminium. <i>PLoS ONE</i> , 2015, 10, e0127665.	1.1	21
111	Rough and tough. How does silicic acid protect horsetail from fungal infection?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 47, 45-52.	1.5	21
112	Aluminium in Brain Tissue in Epilepsy: A Case Report from Camelford. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2129.	1.2	21
113	The aluminium content of breast tissue taken from women with breast cancer. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 257-266.	1.5	19
114	Silicic acid in drinking water prevents age-related alterations in the endothelium-dependent vascular relaxation modulating eNOS and AQP1 expression in experimental mice: An immunohistochemical study. <i>Acta Histochemica</i> , 2013, 115, 418-424.	0.9	19
115	Is callose required for silicification in plants?. <i>Biology Letters</i> , 2018, 14, 20180338.	1.0	19
116	An aluminium adjuvant in a vaccine is an acute exposure to aluminium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 57, 57-59.	1.5	19
117	Aluminum and Tau in Neurofibrillary Tangles in Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 283-294.	1.2	19
118	Aluminium-induced phospholipid signal transduction pathway in <i>Coffea arabica</i> suspension cells and its amelioration by silicic acid. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 362-369.	1.5	18
119	Peer review versus editorial review and their role in innovative science. <i>Theoretical Medicine and Bioethics</i> , 2012, 33, 359-376.	0.4	18
120	Granulomas Following Subcutaneous Injection With Aluminum Adjuvant-Containing Products in Sheep. <i>Veterinary Pathology</i> , 2019, 56, 418-428.	0.8	18
121	Aluminum and Neurofibrillary Tangle Co-Localization in Familial Alzheimer's Disease and Related Neurological Disorders. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 139-149.	1.2	18
122	Aluminium, $\beta$ -amyloid and non-enzymatic glycosylation. <i>FEBS Letters</i> , 1995, 364, 182-184.	1.3	17
123	Intracellular Aluminium in Inflammatory and Glial Cells in Cerebral Amyloid Angiopathy: A Case Report. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1459.	1.2	17
124	Comment on "An assessment of complex formation between aluminum and silicic acid in acidic solutions" by V. C. Farmer and D. G. Lumsdon. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1017.	1.6	16
125	Aluminium, Tau and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2007, 12, 313-315.	1.2	16
126	Elevated urinary aluminium in current and past users of illicit heroin. <i>Addiction Biology</i> , 2007, 12, 197-199.	1.4	16



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127	Egg White Hydrolysate as a functional food ingredient to prevent cognitive dysfunction in rats following long-term exposure to aluminum. <i>Scientific Reports</i> , 2019, 9, 1868.	1.6	16
128	CERTL reduces C16 ceramide, amyloid- $\beta^2$ levels, and inflammation in a model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 45.	3.0	16
129	Silicic acid (Si(OH) <sub>4</sub> ) is a significant influence upon the atomic absorption signal of aluminium measured by graphite furnace atomic absorption spectrometry (GFAAS). <i>Journal of Inorganic Biochemistry</i> , 2001, 87, 45-50.	1.5	15
130	Spherulites in Human Brain Tissue are Composed of Beta Sheets of Amyloid and Resemble Senile Plaques. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 43-46.	1.2	15
131	Prescription Infant Formulas Are Contaminated with Aluminium. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 899.	1.2	14
132	Silicic acid and the biological availability of aluminium. <i>European Journal of Soil Science</i> , 1996, 47, 137-137.	1.8	13
133	Action of Al-ATP on the isolated working rat heart. <i>Journal of Inorganic Biochemistry</i> , 1998, 69, 153-158.	1.5	13
134	Further insight into the mechanism of formation of hydroxyaluminosilicates. <i>Polyhedron</i> , 2006, 25, 3399-3404.	1.0	13
135	Aluminum: A potential pro-oxidant in sunscreens/sunblocks?. <i>Free Radical Biology and Medicine</i> , 2007, 43, 1216-1217.	1.3	13
136	Aluminum affects neural phenotype determination of embryonic neural progenitor cells. <i>Archives of Toxicology</i> , 2019, 93, 2515-2524.	1.9	13
137	No effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart. <i>Journal of Inorganic Biochemistry</i> , 1999, 76, 121-126.	1.5	12
138	The degradation of Al <sup>25</sup> by the serine protease plasmin is inhibited by aluminium. <i>Journal of Alzheimer's Disease</i> , 2002, 4, 357-367.	1.2	12
139	Egg White Hydrolysate: A new putative agent to prevent vascular dysfunction in rats following long-term exposure to aluminum. <i>Food and Chemical Toxicology</i> , 2019, 133, 110799.	1.8	12
140	Aluminium and Alzheimer's Disease. <i>Age and Ageing</i> , 1993, 22, 391-392.	0.7	11
141	Biological availability of aluminum in commercial ATP. <i>Journal of Inorganic Biochemistry</i> , 1996, 63, 241-252.	1.5	11
142	Acid Rain: Implications For The Farming of Salmonids. , 1988, , 225-341.		11
143	The formation, precipitation and structural characterisation of hydroxyaluminosilicates formed in the presence of fluoride and phosphate. <i>Polyhedron</i> , 2005, 24, 1585-1592.	1.0	10
144	Computational approach to the blood-aluminum problem?. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 275-278.	1.0	10

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145	The interaction of aluminium-based adjuvants with THP-1 macrophages in vitro: Implications for cellular survival and systemic translocation. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110915.	1.5	10
146	Aluminium in Brain Tissue in Non-neurodegenerative/Non-neurodevelopmental Disease: A Comparison with Multiple Sclerosis. <i>Exposure and Health</i> , 2020, 12, 863-868.	2.8	10
147	Copper is a potent inhibitor of the propensity for human ProlAPP1-48 to form amyloid fibrils in vitro. <i>Journal of Diabetes Research &amp; Clinical Metabolism</i> , 2012, 1, 3.	0.2	10
148	Aluminium-containing DTP vaccines. <i>Lancet Infectious Diseases</i> , The, 2004, 4, 324.	4.6	9
149	A reappraisal of biological silicification in plants?. <i>New Phytologist</i> , 2019, 223, 511-513.	3.5	9
150	Organosilicon Therapy in Alzheimer's Disease?. <i>Journal of Alzheimer's Disease</i> , 2007, 11, 301-302.	1.2	8
151	Unusual neuropathological features and increased brain aluminium in a resident of Camelford, UK. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 537-541.	1.8	8
152	Aggregation of the diabetes-related peptide ProlAPP1-48 measured by dynamic light scattering. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 1-8.	1.5	8
153	Silicon species in seawater. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 820-821.	2.0	7
154	Intracellular tracing of amyloid vaccines through direct fluorescent labelling. <i>Scientific Reports</i> , 2018, 8, 2437.	1.6	7
155	Aluminum in Biological Systems. , 2013, , 33-34.		7
156	Does either the gastrointestinal peptide PYY or the neuropeptide NPY bind aluminium?. <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 372-380.	1.5	6
157	A vexing Commentary on the important issue of aluminium and Alzheimer' disease. <i>Journal of Alzheimer's Disease</i> , 2006, 10, 451-452.	1.2	6
158	The Chemistry of Human Exposure to Aluminium. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1091, 33-37.	0.8	6
159	X-Ray Absorption Spectroscopy Measurements of Cu-ProlAPP Complexes at Physiological Concentrations. <i>Condensed Matter</i> , 2019, 4, 13.	0.8	6
160	Further insight into the role of metals in amyloid formation by IAPP1-37 and ProlAPP1-48. <i>Journal of Diabetes Research &amp; Clinical Metabolism</i> , 2015, 4, 4.	0.2	6
161	Silicon in natural waters and the bioavailability of aluminium. <i>Journal of Inorganic Biochemistry</i> , 1989, 36, 347.	1.5	5
162	Amyloid, aluminium and the aetiology of Alzheimer's disease. <i>Medical Journal of Australia</i> , 1996, 164, 252-253.	0.8	5

#	ARTICLE	IF	CITATIONS
163	When an aluminium adjuvant is not an aluminium adjuvant used in human vaccination programmes. <i>Vaccine</i> , 2012, 30, 2042.	1.7	5
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