

Per M Roos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8714103/publications.pdf>

Version: 2024-02-01

49
papers

2,638
citations

201674

27
h-index

214800

47
g-index

50
all docs

50
docs citations

50
times ranked

4117
citing authors

#	ARTICLE	IF	CITATIONS
1	The toxicology of mercury: Current research and emerging trends. <i>Environmental Research</i> , 2017, 159, 545-554.	7.5	317
2	Risk factors for amyotrophic lateral sclerosis. <i>Clinical Epidemiology</i> , 2015, 7, 181.	3.0	272
3	The neurotoxicity of iron, copper and manganese in Parkinson's and Wilson's diseases. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 193-203.	3.0	194
4	Osteoporosis and trace elements – An overview. <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 149-152.	3.0	180
5	Metal Concentrations in Cerebrospinal Fluid and Blood Plasma from Patients with Amyotrophic Lateral Sclerosis. <i>Biological Trace Element Research</i> , 2013, 151, 159-170.	3.5	137
6	Chelation in metal intoxication – Principles and paradigms. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 260-266.	3.0	131
7	Molecular interaction between mercury and selenium in neurotoxicity. <i>Coordination Chemistry Reviews</i> , 2017, 332, 30-37.	18.8	108
8	Iron chelation in the treatment of neurodegenerative diseases. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 81-92.	3.0	99
9	Alzheimer's disease and cigarette smoke components: effects of nicotine, PAHs, and Cd(II), Cr(III), Pb(II), Pb(IV) ions on amyloid- β peptide aggregation. <i>Scientific Reports</i> , 2017, 7, 14423.	3.3	81
10	Depression in amyotrophic lateral sclerosis. <i>Neurology</i> , 2016, 86, 2271-2277.	1.1	66
11	Characterization of Mn(II) ion binding to the amyloid- β peptide in Alzheimer's disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 183-193.	3.0	60
12	Prevention of progression in Parkinson's disease. <i>BioMetals</i> , 2018, 31, 737-747.	4.1	58
13	Treatment strategies in Alzheimer's disease: a review with focus on selenium supplementation. <i>BioMetals</i> , 2016, 29, 827-839.	4.1	56
14	Metals in Motor Neuron Diseases. <i>Experimental Biology and Medicine</i> , 2006, 231, 1481-1487.	2.4	50
15	Orchestration of dynamic copper navigation – new and missing pieces. <i>Metallomics</i> , 2017, 9, 1204-1229.	2.4	50
16	Levels of sP-selectin and hs-CRP Decrease with Dietary Intervention with Selenium and Coenzyme Q10 Combined: A Secondary Analysis of a Randomized Clinical Trial. <i>PLoS ONE</i> , 2015, 10, e0137680.	2.5	47
17	Manganese in cerebrospinal fluid and blood plasma of patients with amyotrophic lateral sclerosis. <i>Experimental Biology and Medicine</i> , 2012, 237, 803-810.	2.4	46
18	Effect of thiocarbamate derivatives on copper, zinc, and mercury distribution in rats and mice. <i>Archives of Toxicology</i> , 1981, 48, 29-39.	4.2	45

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19	Separation of proteins including metallothionein in cerebrospinal fluid by size exclusion HPLC and determination of trace elements by HR-ICP-MS. <i>Brain Research</i> , 2007, 1174, 136-142.	2.2	40
20	Osteoporosis in neurodegeneration. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 418-421.	3.0	39
21	Iron and other metals in the pathogenesis of Parkinson's disease: Toxic effects and possible detoxification. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110717.	3.5	39
22	Cerebral Iron Deposition in Neurodegeneration. <i>Biomolecules</i> , 2022, 12, 714.	4.0	38
23	Trace elements in cerebrospinal fluid and blood from patients with a rare progressive central and peripheral demyelinating disease. <i>Journal of the Neurological Sciences</i> , 2008, 266, 70-78.	0.6	36
24	Impact of Selenium on Biomarkers and Clinical Aspects Related to Ageing. A Review. <i>Biomolecules</i> , 2021, 11, 1478.	4.0	33
25	Coenzyme Q10 supplementation " In ageing and disease. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111521.	4.6	32
26	Insights into the Potential Role of Mercury in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 511-533.	2.3	31
27	The time-trend and the relation between smoking and circulating selenium concentrations in Norway. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 107-115.	3.0	30
28	Copper, Iron, Selenium and Lipo-Glycemic Dysmetabolism in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9461.	4.1	30
29	Comparison of Blood Lead Levels in Patients With Alzheimer's Disease and Healthy People. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2018, 33, 541-547.	1.9	29
30	Iron mobilization using chelation and phlebotomy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2012, 26, 127-130.	3.0	28
31	Molecular Targets in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 7032-7044.	4.0	27
32	Mercury and Alzheimer's Disease: Hg(II) Ions Display Specific Binding to the Amyloid- β Peptide and Hinder Its Fibrillization. <i>Biomolecules</i> , 2020, 10, 44.	4.0	26
33	Increase in insulin-like growth factor 1 (IGF-1) and insulin-like growth factor binding protein 1 after supplementation with selenium and coenzyme Q10. A prospective randomized double-blind placebo-controlled trial among elderly Swedish citizens. <i>PLoS ONE</i> , 2017, 12, e0178614.	2.5	26
34	Iron and copper in progressive demyelination " New lessons from Skogholt's disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 31, 183-187.	3.0	21
35	Glutathione in overweight patients with poorly controlled type 2 diabetes. <i>Journal of Trace Elements in Experimental Medicine</i> , 2000, 13, 105-111.	0.8	20
36	ALS: Cytokine profile in cerebrospinal fluid T-cell clones. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2006, 7, 183-186.	2.1	15

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37	Mercury in the Spinal Cord After Inhalation of Mercury. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 126-132.	2.5	15
38	Amyotrophic Lateral Sclerosis After Exposure to Manganese from Traditional Medicine Procedures in Kenya. <i>Biological Trace Element Research</i> , 2021, 199, 3618-3624.	3.5	13
39	Metals in ALS TDP-43 Pathology. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12193.	4.1	13
40	Inclusion body myositis in Alzheimer's disease. <i>Acta Neurologica Scandinavica</i> , 2011, 124, 215-217.	2.1	11
41	Slowly Progressing Amyotrophic Lateral Sclerosis Caused by H46R SOD1 Mutation. <i>European Neurology</i> , 2007, 58, 57-58.	1.4	9
42	Serum 25-hydroxyvitamin D in amyotrophic lateral sclerosis: mendelian randomization study. <i>Neurobiology of Aging</i> , 2020, 87, 140.e1-140.e3.	3.1	9
43	Ultraclean paired sampling for metal analysis in neurodegenerative disorders. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 48-52.	3.0	6
44	Xenobiotics, Trace Metals and Genetics in the Pathogenesis of Tauopathies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1269.	2.6	6
45	Hemolysis and Rhabdomyolysis after Marathon and Long Distance Running. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2012, 12, 8-13.	0.5	5
46	Geochemistry of multiple sclerosis in Finland. <i>Science of the Total Environment</i> , 2022, 841, 156672.	8.0	5
47	Lithium ions display weak interaction with amyloid-beta (A β) peptides and have minor effects on their aggregation. <i>Acta Biochimica Polonica</i> , 2021, 68, 169-179.	0.5	4
48	Chelating Therapy in Metal Storage Diseases. , 2016, , 285-311.		3
49	Metals and Motor Neuron Disease. , 2017, , 175-193.		2