

Anatoly V Skalny

List of Publications by Year in descending order

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Version: 2024-02-01

195
papers

5,103
citations

109311

35
h-index

133244

59
g-index

199
all docs

199
docs citations

199
times ranked

5769
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc and respiratory tract infections: Perspectives for COVID-19 (Review). <i>International Journal of Molecular Medicine</i> , 2020, 46, 17-26.	4.0	312
2	The role of cadmium in obesity and diabetes. <i>Science of the Total Environment</i> , 2017, 601-602, 741-755.	8.0	191
3	Early Nutritional Interventions with Zinc, Selenium and Vitamin D for Raising Anti-Viral Resistance Against Progressive COVID-19. <i>Nutrients</i> , 2020, 12, 2358.	4.1	178
4	Sulfhydryl groups as targets of mercury toxicity. <i>Coordination Chemistry Reviews</i> , 2020, 417, 213343.	18.8	168
5	Cadmium and atherosclerosis: A review of toxicological mechanisms and a meta-analysis of epidemiologic studies. <i>Environmental Research</i> , 2018, 162, 240-260.	7.5	159
6	Oxidative Stress in Autism Spectrum Disorder. <i>Molecular Neurobiology</i> , 2020, 57, 2314-2332.	4.0	159
7	Gut as a target for cadmium toxicity. <i>Environmental Pollution</i> , 2018, 235, 429-434.	7.5	156
8	Molecular interaction between mercury and selenium in neurotoxicity. <i>Coordination Chemistry Reviews</i> , 2017, 332, 30-37.	18.8	108
9	The plausibility of maternal nutritional status being a contributing factor to the risk for fetal alcohol spectrum disorders: The potential influence of zinc status as an example. <i>BioFactors</i> , 2010, 36, 125-135.	5.4	96
10	Interactions of iron with manganese, zinc, chromium, and selenium as related to prophylaxis and treatment of iron deficiency. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 41, 41-53.	3.0	87
11	Mercury and metabolic syndrome: a review of experimental and clinical observations. <i>BioMetals</i> , 2015, 28, 231-254.	4.1	84
12	The role of glutathione redox imbalance in autism spectrum disorder: A review. <i>Free Radical Biology and Medicine</i> , 2020, 160, 149-162.	2.9	84
13	Impacts of the COVID-19 Pandemic on Food Security and Diet-Related Lifestyle Behaviors: An Analytical Study of Google Trends-Based Query Volumes. <i>Nutrients</i> , 2020, 12, 3103.	4.1	80
14	Toxic metal(loid)-based pollutants and their possible role in autism spectrum disorder. <i>Environmental Research</i> , 2018, 166, 234-250.	7.5	77
15	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4646.	4.1	68
16	Selenium and Selenoproteins in Adipose Tissue Physiology and Obesity. <i>Biomolecules</i> , 2020, 10, 658.	4.0	67
17	Oxidative Stress in Methylmercury-Induced Cell Toxicity. <i>Toxics</i> , 2018, 6, 47.	3.7	66
18	Manganese in the Diet: Bioaccessibility, Adequate Intake, and Neurotoxicological Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12893-12903.	5.2	65

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19	Hair toxic and essential trace elements in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2017, 32, 195-202.	2.9	64
20	Relationship between selenium, lead, and mercury in red blood cells of Saudi autistic children. <i>Metabolic Brain Disease</i> , 2017, 32, 1073-1080.	2.9	63
21	The role of the thioredoxin/thioredoxin reductase system in the metabolic syndrome: towards a possible prognostic marker?. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1567-1586.	5.4	63
22	Serum Zinc, Copper, and Other Biometals Are Associated with COVID-19 Severity Markers. <i>Metabolites</i> , 2021, 11, 244.	2.9	60
23	Toxic metal exposure as a possible risk factor for COVID-19 and other respiratory infectious diseases. <i>Food and Chemical Toxicology</i> , 2020, 146, 111809.	3.6	59
24	Reference values of hair toxic trace elements content in occupationally non-exposed Russian population. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 18-21.	4.0	56
25	Mutual interaction between iron homeostasis and obesity pathogenesis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 30, 207-214.	3.0	53
26	Evaluation of whole blood zinc and copper levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2016, 31, 887-890.	2.9	52
27	Lead (Pb) exposure induces dopaminergic neurotoxicity in <i>Caenorhabditis elegans</i> : Involvement of the dopamine transporter. <i>Toxicology Reports</i> , 2019, 6, 833-840.	3.3	46
28	Chelator combination as therapeutic strategy in mercury and lead poisonings. <i>Coordination Chemistry Reviews</i> , 2018, 358, 1-12.	18.8	45
29	Hair Toxic Element Content in Adult Men and Women in Relation to Body Mass Index. <i>Biological Trace Element Research</i> , 2014, 161, 13-19.	3.5	44
30	Selenium, Zinc, Chromium, and Vanadium Levels in Serum, Hair, and Urine Samples of Obese Adults Assessed by Inductively Coupled Plasma Mass Spectrometry. <i>Biological Trace Element Research</i> , 2021, 199, 490-499.	3.5	44
31	Zinc. <i>Advances in Food and Nutrition Research</i> , 2021, 96, 251-310.	3.0	43
32	Hair concentration of essential trace elements in adult non-exposed Russian population. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 677.	2.7	42
33	Assessment of serum trace elements and electrolytes in children with childhood and atypical autism. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 43, 9-14.	3.0	42
34	Molecular mechanisms of aluminum neurotoxicity: Update on adverse effects and therapeutic strategies. <i>Advances in Neurotoxicology</i> , 2021, 5, 1-34.	1.9	40
35	Analysis of Hair Trace Elements in Children with Autism Spectrum Disorders and Communication Disorders. <i>Biological Trace Element Research</i> , 2017, 177, 215-223.	3.5	39
36	Zinc deficiency as a mediator of toxic effects of alcohol abuse. <i>European Journal of Nutrition</i> , 2018, 57, 2313-2322.	3.9	39

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37	Association between catatonia and levels of hair and serum trace elements and minerals in autism spectrum disorder. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 174-180.	5.6	36
38	Post-translational modifications in MeHg-induced neurotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2068-2081.	3.8	36
39	Assessment of copper, iron, zinc and manganese status and speciation in patients with Parkinson's disease: A pilot study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 59, 126423.	3.0	36
40	The impact of manganese on neurotransmitter systems. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126554.	3.0	35
41	Assessment of gender and age effects on serum and hair trace element levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2017, 32, 1675-1684.	2.9	34
42	Brain diseases in changing climate. <i>Environmental Research</i> , 2019, 177, 108637.	7.5	33
43	Sex-Specific Differences in Redox Homeostasis in Brain Norm and Disease. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 312-342.	2.3	32
44	Serum zinc, copper, zinc-to-copper ratio, and other essential elements and minerals in children with attention deficit/hyperactivity disorder (ADHD). <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 58, 126445.	3.0	32
45	Gut Microbiota as a Mediator of Essential and Toxic Effects of Zinc in the Intestines and Other Tissues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13074.	4.1	32
46	Alteration of local adipose tissue trace element homeostasis as a possible mechanism of obesity-related insulin resistance. <i>Medical Hypotheses</i> , 2015, 85, 343-347.	1.5	31
47	Age-related differences in hair trace elements: a cross-sectional study in Orenburg, Russia. <i>Annals of Human Biology</i> , 2016, 43, 438-444.	1.0	31
48	Serum trace elements are associated with hemostasis, lipid spectrum and inflammatory markers in men suffering from acute ischemic stroke. <i>Metabolic Brain Disease</i> , 2017, 32, 779-788.	2.9	31
49	Trace element biomonitoring in hair and blood of occupationally unexposed population residing in polluted areas of East Kazakhstan and Pavlodar regions. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 31-37.	3.0	31
50	Insights into the Potential Role of Mercury in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 511-533.	2.3	31
51	Indicator ability of biosubstances in monitoring the moderate occupational exposure to toxic metals. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, S41-S44.	3.0	30
52	Copper, Iron, Selenium and Lipo-Glycemic Dysmetabolism in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9461.	4.1	30
53	Adipose tissue chromium and vanadium disbalance in high-fat fed Wistar rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 176-181.	3.0	29
54	Hair Trace Elements in Overweight and Obese Adults in Association with Metabolic Parameters. <i>Biological Trace Element Research</i> , 2018, 186, 12-20.	3.5	29

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55	Serum levels of copper, iron, and manganese in women with pregnancy, miscarriage, and primary infertility. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 124-130.	3.0	29
56	Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus. <i>Clinical Nutrition</i> , 2020, 39, 1849-1856.	5.0	29
57	The Influence of Physical Activity on Hair Toxic and Essential Trace Element Content in Male and Female Students. <i>Biological Trace Element Research</i> , 2015, 163, 58-66.	3.5	28
58	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , 2021, 10, 32.	3.9	28
59	Ferroptosis as a mechanism of non-ferrous metal toxicity. <i>Archives of Toxicology</i> , 2022, 96, 2391-2417.	4.2	28
60	Serum copper, zinc, and iron levels, and markers of carbohydrate metabolism in postmenopausal women with prediabetes and type 2 diabetes mellitus. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 43, 46-51.	3.0	27
61	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2020, 77, 105-113.	3.0	25
62	Trace Element and Mineral Levels in Serum, Hair, and Urine of Obese Women in Relation to Body Composition, Blood Pressure, Lipid Profile, and Insulin Resistance. <i>Biomolecules</i> , 2021, 11, 689.	4.0	25
63	ElectroSens Platform with a Polyelectrolyte-Based Carbon Fiber Sensor for Point-of-Care Analysis of Zn in Blood and Urine. <i>ACS Omega</i> , 2020, 5, 18987-18994.	3.5	24
64	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , 2021, 95, 2263-2278.	4.2	23
65	Environmental and health hazards of military metal pollution. <i>Environmental Research</i> , 2021, 201, 111568.	7.5	23
66	Comparative angioprotective effects of magnesium compounds. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 227-234.	3.0	22
67	Serum Trace Elements and Electrolytes Are Associated with Fasting Plasma Glucose and HbA1c in Postmenopausal Women with Type 2 Diabetes Mellitus. <i>Biological Trace Element Research</i> , 2017, 177, 25-32.	3.5	22
68	Protective effect of magnesium acetyltaurate against NMDA-induced retinal damage involves restoration of minerals and trace elements homeostasis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 147-154.	3.0	22
69	An essay on human and elements, multielement profiles, and depression. <i>Translational Neuroscience</i> , 2010, 1, 322-334.	1.4	21
70	Trace element levels are associated with neuroinflammatory markers in children with autistic spectrum disorder. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 622-628.	3.0	21
71	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. <i>Biomolecules</i> , 2021, 11, 1292.	4.0	21
72	Serum Trace Element Profiles, Prolactin, and Cortisol in Transient Ischemic Attack Patients. <i>Biological Trace Element Research</i> , 2016, 172, 93-100.	3.5	20

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73	Evaluation of tissue metal and trace element content in a rat model of non-alcoholic fatty liver disease using ICP-DRC-MS. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 91-99.	3.0	20
74	Whole blood and hair trace elements and minerals in children living in metal-polluted area near copper smelter in Karabash, Chelyabinsk region, Russia. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2014-2020.	5.3	20
75	Geographic variation of environmental, food, and human hair selenium content in an industrial region of Russia. <i>Environmental Research</i> , 2019, 171, 293-301.	7.5	19
76	The Aging Kidney As Influenced by Heavy Metal Exposure and Selenium Supplementation. <i>Biomolecules</i> , 2021, 11, 1078.	4.0	19
77	The Reference Intervals of Hair Trace Element Content in Hereford Cows and Heifers (<i>Bos taurus</i>). <i>Biological Trace Element Research</i> , 2017, 180, 56-62.	3.5	18
78	Copper and zinc levels in soil, water, wheat, and hair of inhabitants of three areas of the Orenburg region, Russia. <i>Environmental Research</i> , 2018, 166, 158-166.	7.5	18
79	Bioelementology as an interdisciplinary integrative approach in life sciences: Terminology, classification, perspectives. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, S3-S10.	3.0	17
80	Early High-Fat Feeding Induces Alteration of Trace Element Content in Tissues of Juvenile Male Wistar Rats. <i>Biological Trace Element Research</i> , 2017, 175, 367-374.	3.5	17
81	Combined Lycium barbarum polysaccharides and C-phycocyanin increase gastric Bifidobacterium relative abundance and protect against gastric ulcer caused by aspirin in rats. <i>Nutrition and Metabolism</i> , 2021, 18, 4.	3.0	17
82	Hair trace element concentrations in autism spectrum disorder (ASD) and attention deficit/hyperactivity disorder (ADHD). <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126539.	3.0	17
83	Mercury and cancer: Where are we now after two decades of research?. <i>Food and Chemical Toxicology</i> , 2022, 164, 113001.	3.6	17
84	Copper Nanoparticles as Modulators of Apoptosis and Structural Changes in Tissues. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2012, 03, 97-104.	0.5	16
85	The level of toxic and essential trace elements in hair of petrochemical workers involved in different technological processes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5576-5584.	5.3	16
86	Effect of short-term zinc supplementation on zinc and selenium tissue distribution and serum antioxidant enzymes. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2015, 14, 269-276.	0.3	16
87	Zinc, copper, cadmium, and lead levels in cattle tissues in relation to different metal levels in ground water and soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 559-569.	5.3	15
88	Mercury as a possible link between maternal obesity and autism spectrum disorder. <i>Medical Hypotheses</i> , 2016, 91, 90-94.	1.5	14
89	Synergistic effect of selenium and UV-B radiation in enhancing antioxidant level of wheatgrass grown from selenium rich wheat. <i>Journal of Food Biochemistry</i> , 2018, 42, e12577.	2.9	14
90	Gender difference in the association of dietary patterns and metabolic parameters with obesity in young and middle-aged adults with dyslipidemia and abnormal fasting plasma glucose in Taiwan. <i>Nutrition Journal</i> , 2019, 18, 75.	3.4	14

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91	Isolevuglandins (isoLGs) as toxic lipid peroxidation byproducts and their pathogenetic role in human diseases. <i>Free Radical Biology and Medicine</i> , 2021, 162, 266-273.	2.9	14
92	Hair Trace Elements are Associated with Increased Thyroid Volume in Schoolchildren with Goiter. <i>Biological Trace Element Research</i> , 2016, 174, 261-266.	3.5	13
93	Serum trace elements are interrelated with hormonal imbalance in men with acute ischemic stroke. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 43, 142-147.	3.0	13
94	Dysregulated Iron Metabolism-Associated Dietary Pattern Predicts an Altered Body Composition and Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 2733.	4.1	13
95	Endothelial Dysfunction Induced by Cadmium and Mercury and its Relationship to Hypertension. <i>Current Hypertension Reviews</i> , 2021, 17, 14-26.	0.9	13
96	Decreased adipose tissue zinc content is associated with metabolic parameters in high fat fed Wistar rats. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2016, 15, 99-105.	0.3	13
97	Combined use of laser correlation spectroscopy and ICP-AES, ICP-MS determination of macro- and trace elements in human biosubstrates for intoxication risk assessment. <i>Trace Elements and Electrolytes</i> , 2011, 28, 124-127.	0.1	12
98	Boron – A potential goiterogen?. <i>Medical Hypotheses</i> , 2017, 104, 63-67.	1.5	12
99	Assessment of hair metal levels in aluminium plant workers using scalp hair ICP-DRC-MS analysis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 658-663.	3.0	12
100	ICP-MS Assessment of Hair Essential Trace Elements and Minerals in Russian Preschool and Primary School Children with Attention-Deficit/Hyperactivity Disorder (ADHD). <i>Biological Trace Element Research</i> , 2020, 196, 400-409.	3.5	12
101	Streptozotocin (STZ)-Induced Diabetes Affects Tissue Trace Element Content in Rats in a Dose-Dependent Manner. <i>Biological Trace Element Research</i> , 2020, 198, 567-574.	3.5	12
102	Serum trace element and amino acid profile in children with cerebral palsy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 64, 126685.	3.0	12
103	Associations of Food and Nutrient Intake with Serum Hepcidin and the Risk of Gestational Iron-Deficiency Anemia among Pregnant Women: A Population-Based Study. <i>Nutrients</i> , 2021, 13, 3501.	4.1	12
104	Association Between Essential and Non-essential Metals, Body Composition, and Metabolic Syndrome in Adults. <i>Biological Trace Element Research</i> , 2022, 200, 4903-4915.	3.5	12
105	Hydrogen Sulfide (H ₂ S) Signaling as a Protective Mechanism against Endogenous and Exogenous Neurotoxicants. <i>Current Neuropharmacology</i> , 2022, 20, 1908-1924.	2.9	12
106	Hair Trace Element and Electrolyte Content in Women with Natural and In Vitro Fertilization-Induced Pregnancy. <i>Biological Trace Element Research</i> , 2018, 181, 1-9.	3.5	11
107	Interactive effects of age and gender on levels of toxic and potentially toxic metals in children hair in different urban environments. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 520-535.	3.3	11
108	Aluminium levels in hair and urine are associated with overweight and obesity in a non-occupationally exposed population. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 139-145.	3.0	11

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109	Cobalt in athletes: hypoxia and doping - new crossroads. <i>Journal of Applied Biomedicine</i> , 2019, 17, 28-28.	1.7	11
110	Magnesium Status in Children with Attention-Deficit/Hyperactivity Disorder and/or Autism Spectrum Disorder. <i>SoaÅ;Œceongso'nyeon Jeongsin Yihag</i> , 2020, 31, 41-45.	0.5	11
111	Zinc asparaginate supplementation induces redistribution of toxic trace elements in rat tissues and organs. <i>Interdisciplinary Toxicology</i> , 2015, 8, 131-138.	1.0	10
112	Comparative Analysis of the Trace Element Content of the Leaves and Roots of Three <i>Plantago</i> Species. <i>Biological Trace Element Research</i> , 2016, 173, 225-230.	3.5	10
113	MÃ¶ssbauer spectroscopic study of transformations of iron species by the cyanobacterium <i>Arthrospira platensis</i> (formerly <i>Spirulina platensis</i>). <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 105-110.	3.0	10
114	In search of decoding the syntax of the bioelements in human hair â€” A critical overview. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 543-553.	3.0	10
115	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). <i>Biological Trace Element Research</i> , 2018, 184, 523-528.	3.5	10
116	Hair Mineral and Trace Element Content in Children with Downâ€™s Syndrome. <i>Biological Trace Element Research</i> , 2019, 188, 230-238.	3.5	10
117	Organotins in obesity and associated metabolic disturbances. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 49-59.	3.5	10
118	Effect of Zn Supplementation on Trace Element Status in Rats with Diet-Induced Non-alcoholic Fatty Liver Disease. <i>Biological Trace Element Research</i> , 2020, 197, 202-212.	3.5	10
119	Iron and Advanced Glycation End Products: Emerging Role of Iron in Androgen Deficiency in Obesity. <i>Antioxidants</i> , 2020, 9, 261.	5.1	10
120	Hair Mercury Association with Selenium, Serum Lipid Spectrum, and Gamma-Glutamyl Transferase Activity in Adults. <i>Biological Trace Element Research</i> , 2014, 161, 255-262.	3.5	9
121	Low magnesium diet alters distribution of macroelements and trace elements in tissues and organs of female rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 39, 36-42.	3.0	9
122	Comparative Hair Trace Element Profile in the Population of Sakhalin and Taiwan Pacific Islands. <i>Biological Trace Element Research</i> , 2018, 184, 308-316.	3.5	9
123	Assessment of Gender Effects and Reference Values of Mane Hair Trace Element Content in English Thoroughbred Horses (North Caucasus, Russia) Using ICP-DRC-MS. <i>Biological Trace Element Research</i> , 2019, 191, 382-388.	3.5	9
124	N,Nâ€™ bis-(2-mercaptoethyl) isophthalamide induces developmental delay in <i>Caenorhabditis elegans</i> by promoting DAF-16 nuclear localization. <i>Toxicology Reports</i> , 2020, 7, 930-937.	3.3	9
125	Evaluating the risk of manganese-induced neurotoxicity of parenteral nutrition: review of the current literature. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 581-593.	3.3	9
126	Relationship between gestational diabetes and serum trace element levels in pregnant women from Eastern Iran: a multivariate approach. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45230-45239.	5.3	9

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127	Bioelement effects on thyroid gland in children living in iodine-adequate territory. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007, 21, 56-58.	3.0	8
128	Selenium Antagonism with Mercury and Arsenic: From Chemistry to Population Health and Demography. , 2016, , 401-412.		8
129	Effects of Imbalance in Trace Element on Thyroid Gland from Moroccan Children. <i>Biological Trace Element Research</i> , 2016, 170, 288-293.	3.5	8
130	Mucociliary transport as a link between chronic rhinosinusitis and trace element dysbalance. <i>Medical Hypotheses</i> , 2019, 127, 5-10.	1.5	8
131	Soluble CD163-Associated Dietary Patterns and the Risk of Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 940.	4.1	8
132	Hair Trace Element Levels in Han and Indigenous Hualien Inhabitants in Taiwan. <i>Biological Trace Element Research</i> , 2019, 191, 1-9.	3.5	8
133	The spectrum of pathogenic variants of the ATP7B gene in Wilson disease in the Russian Federation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 59, 126420.	3.0	8
134	Arsenic, cadmium, mercury, and lead levels in hair and urine in first-year RUDN University students of different geographic origins. <i>Environmental Science and Pollution Research</i> , 2020, 27, 34348-34356.	5.3	8
135	Alterations in serum amino acid profiles in children with attention deficit/hyperactivity disorder. <i>Biomedical Reports</i> , 2021, 14, 47.	2.0	8
136	BXD Recombinant Inbred Mice as a Model to Study Neurotoxicity. <i>Biomolecules</i> , 2021, 11, 1762.	4.0	8
137	Smoking is associated with altered serum and hair essential metal and metalloid levels in women. <i>Food and Chemical Toxicology</i> , 2022, 167, 113249.	3.6	8
138	Influence of Cu10x copper nanoparticles intramuscular injection on mineral composition of rat spleen. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, S84-S89.	3.0	7
139	ICP-DRC-MS analysis of serum essential and toxic element levels in postmenopausal prediabetic women in relation to glycemic control markers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 430-434.	3.0	7
140	Selenium-rich maize modulates the expression of prostaglandin genes in lipopolysaccharide-stimulated RAW264.7 macrophages. <i>Food and Function</i> , 2019, 10, 2839-2846.	4.6	7
141	Serum amino acid spectrum in children with autism spectrum disorder (ASD). <i>Research in Autism Spectrum Disorders</i> , 2020, 77, 101605.	1.5	7
142	The effect of alcohol consumption on maternal and cord blood electrolyte and trace element levels. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2016, 15, 439-445.	0.3	7
143	Integrating genome-wide association study summaries and element-gene interaction datasets identified multiple associations between elements and complex diseases. <i>Genetic Epidemiology</i> , 2018, 42, 168-173.	1.3	6
144	Cobalt accumulation and iron-regulatory protein profile expression in immature mouse brain after perinatal exposure to cobalt chloride. <i>Chemico-Biological Interactions</i> , 2020, 329, 109217.	4.0	6

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145	Hair Lead, Aluminum, and Other Toxic Metals in Normal-Weight and Obese Patients with Coronary Heart Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8195.	2.6	6
146	Blood Essential Trace Elements and Vitamins in Students with Different Physical Activity. <i>Pakistan Journal of Nutrition</i> , 2015, 14, 721-726.	0.2	6
147	Sex dependent peculiarities of some important chemical element ratios in hair of schoolchildren. <i>Trace Elements and Electrolytes</i> , 2011, 28, 88-90.	0.1	5
148	Environmental human silver exposure. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1238-1246.	1.2	5
149	Selenium in Ischemic Stroke. <i>Molecular and Integrative Toxicology</i> , 2018, , 211-230.	0.5	5
150	Toxicological and nutritional status of trace elements in hair of women with in vitro fertilization (IVF) pregnancy and their 9-month-old children. <i>Reproductive Toxicology</i> , 2018, 82, 50-56.	2.9	5
151	The Impact of Maternal Overweight on Hair Essential Trace Element and Mineral Content in Pregnant Women and Their Children. <i>Biological Trace Element Research</i> , 2020, 193, 64-72.	3.5	5
152	Speciation of Serum Copper and Zinc-Binding High- and Low-Molecular Mass Ligands in Dairy Cows Using HPLC-ICP-MS Technique. <i>Biological Trace Element Research</i> , 2022, 200, 591-599.	3.5	5
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