

# Anatoly V Skalny

## List of Publications by Citations

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180  
papers

2,849  
citations

27  
h-index

45  
g-index

199  
ext. papers

3,944  
ext. citations

4.3  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
180	Zinc and respiratory tract infections: Perspectives for COVID-19 (Review). <i>International Journal of Molecular Medicine</i> , <b>2020</b> , 46, 17-26	4.4	219
179	The role of cadmium in obesity and diabetes. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 741-755	10.2	145
178	Gut as a target for cadmium toxicity. <i>Environmental Pollution</i> , <b>2018</b> , 235, 429-434	9.3	84
177	Cadmium and atherosclerosis: A review of toxicological mechanisms and a meta-analysis of epidemiologic studies. <i>Environmental Research</i> , <b>2018</b> , 162, 240-260	7.9	83
176	Early Nutritional Interventions with Zinc, Selenium and Vitamin D for Raising Anti-Viral Resistance Against Progressive COVID-19. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	79
175	Molecular interaction between mercury and selenium in neurotoxicity. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 332, 30-37	23.2	78
174	Oxidative Stress in Autism Spectrum Disorder. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2314-2332	6.2	76
173	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> , <b>2010</b> , 36, 125-35	6.1	75
172	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> , <b>2017</b> , 41, 41-53	4.1	59
171	Mercury and metabolic syndrome: a review of experimental and clinical observations. <i>BioMetals</i> , <b>2015</b> , 28, 231-54	3.4	59
170	Sulfhydryl groups as targets of mercury toxicity. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 417, 213343-213343	3.4	55
169	Toxic metal(loid)-based pollutants and their possible role in autism spectrum disorder. <i>Environmental Research</i> , <b>2018</b> , 166, 234-250	7.9	50
168	Oxidative Stress in Methylmercury-Induced Cell Toxicity. <i>Toxics</i> , <b>2018</b> , 6,	4.7	49
167	Hair toxic and essential trace elements in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 195-202	3.9	46
166	Relationship between selenium, lead, and mercury in red blood cells of Saudi autistic children. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 1073-1080	3.9	44
165	The role of the thioredoxin/thioredoxin reductase system in the metabolic syndrome: towards a possible prognostic marker?. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 1567-1586	10.3	43
164	Mutual interaction between iron homeostasis and obesity pathogenesis. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 30, 207-14	4.1	42

163	Reference values of hair toxic trace elements content in occupationally non-exposed Russian population. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 40, 18-21	5.8	42
162	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> , <b>2020</b> , 12,	6.7	41
161	Hair toxic element content in adult men and women in relation to body mass index. <i>Biological Trace Element Research</i> , <b>2014</b> , 161, 13-9	4.5	40
160	Evaluation of whole blood zinc and copper levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , <b>2016</b> , 31, 887-90	3.9	37
159	Hair concentration of essential trace elements in adult non-exposed Russian population. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 677	3.1	33
158	Chelator combination as therapeutic strategy in mercury and lead poisonings. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 358, 1-12	23.2	33
157	Selenium and Selenoproteins in Adipose Tissue Physiology and Obesity. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	32
156	Assessment of serum trace elements and electrolytes in children with childhood and atypical autism. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 43, 9-14	4.1	32
155	The role of glutathione redox imbalance in autism spectrum disorder: A review. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 160, 149-162	7.8	31
154	Lead (Pb) exposure induces dopaminergic neurotoxicity in : Involvement of the dopamine transporter. <i>Toxicology Reports</i> , <b>2019</b> , 6, 833-840	4.8	28
153	Age-related differences in hair trace elements: a cross-sectional study in Orenburg, Russia. <i>Annals of Human Biology</i> , <b>2016</b> , 43, 438-44	1.7	26
152	Analysis of Hair Trace Elements in Children with Autism Spectrum Disorders and Communication Disorders. <i>Biological Trace Element Research</i> , <b>2017</b> , 177, 215-223	4.5	26
151	Indicator ability of biosubstances in monitoring the moderate occupational exposure to toxic metals. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2011</b> , 25 Suppl 1, S41-4	4.1	25
150	Toxic metal exposure as a possible risk factor for COVID-19 and other respiratory infectious diseases. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111809	4.7	25
149	Adipose tissue chromium and vanadium disbalance in high-fat fed Wistar rats. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 29, 176-81	4.1	24
148	Zinc deficiency as a mediator of toxic effects of alcohol abuse. <i>European Journal of Nutrition</i> , <b>2018</b> , 57, 2313-2322	5.2	24
147	Assessment of gender and age effects on serum and hair trace element levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 1675-1684	3.9	22
146	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> , <b>2021</b> , 199, 490-499	4.5	22

145	Manganese in the Diet: Bioaccessibility, Adequate Intake, and Neurotoxicological Effects. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 12893-12903	5.7	22
144	Insights into the Potential Role of Mercury in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , <b>2019</b> , 67, 511-533	3.3	21
143	Hair Trace Elements in Overweight and Obese Adults in Association with Metabolic Parameters. <i>Biological Trace Element Research</i> , <b>2018</b> , 186, 12-20	4.5	21
142	Serum trace elements are associated with hemostasis, lipid spectrum and inflammatory markers in men suffering from acute ischemic stroke. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 779-788	3.9	19
141	Alteration of local adipose tissue trace element homeostasis as a possible mechanism of obesity-related insulin resistance. <i>Medical Hypotheses</i> , <b>2015</b> , 85, 343-7	3.8	19
140	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> , <b>2020</b> , 59, 126423	4.1	19
139	Association between catatonia and levels of hair and serum trace elements and minerals in autism spectrum disorder. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 109, 174-180	7.5	19
138	Post-translational modifications in MeHg-induced neurotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2068-2081	6.9	19
137	The influence of physical activity on hair toxic and essential trace element content in male and female students. <i>Biological Trace Element Research</i> , <b>2015</b> , 163, 58-66	4.5	18
136	Comparative angioprotective effects of magnesium compounds. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2015</b> , 29, 227-34	4.1	18
135	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> , <b>2017</b> , 43, 46-51	4.1	18
134	An essay on human and elements, multielement profiles, and depression. <i>Translational Neuroscience</i> , <b>2010</b> , 1,	1.2	18
133	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> , <b>2017</b> , 39, 147-154	4.1	17
132	Serum Zinc, Copper, and Other Biometals Are Associated with COVID-19 Severity Markers. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	17
131	Brain diseases in changing climate. <i>Environmental Research</i> , <b>2019</b> , 177, 108637	7.9	16
130	Hair iodine for human iodine status assessment. <i>Thyroid</i> , <b>2014</b> , 24, 1018-26	6.2	16
129	The impact of manganese on neurotransmitter systems. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 61, 126554	4.1	16
128	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , <b>2020</b> , 77, 105-113	4.4	15

127	Trace element levels are associated with neuroinflammatory markers in children with autistic spectrum disorder. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 50, 622-628	4.1	15
126	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> , <b>2020</b> , 58, 126445	4.1	15
125	Sex-Specific Differences in Redox Homeostasis in Brain Norm and Disease. <i>Journal of Molecular Neuroscience</i> , <b>2019</b> , 67, 312-342	3.3	15
124	The Reference Intervals of Hair Trace Element Content in Hereford Cows and Heifers ( <i>Bos taurus</i> ). <i>Biological Trace Element Research</i> , <b>2017</b> , 180, 56-62	4.5	14
123	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> , <b>2018</b> , 25, 2014-2020	5.1	14
122	Serum Trace Element Profiles, Prolactin, and Cortisol in Transient Ischemic Attack Patients. <i>Biological Trace Element Research</i> , <b>2016</b> , 172, 93-100	4.5	14
121	Serum Trace Elements and Electrolytes Are Associated with Fasting Plasma Glucose and HbA in Postmenopausal Women with Type 2 Diabetes Mellitus. <i>Biological Trace Element Research</i> , <b>2017</b> , 177, 25-32	4.5	14
120	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> , <b>2017</b> , 39, 91-99	4.1	14
119	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> , <b>2017</b> , 24, 5576-5584	5.1	13
118	Serum trace elements are interrelated with hormonal imbalance in men with acute ischemic stroke. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2017</b> , 43, 142-147	4.1	13
117	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> , <b>2019</b> , 56, 31-37	4.1	13
116	Decreased adipose tissue zinc content is associated with metabolic parameters in high fat fed Wistar rats. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2016</b> , 15, 99-105	1	13
115	Early High-Fat Feeding Induces Alteration of Trace Element Content in Tissues of Juvenile Male Wistar Rats. <i>Biological Trace Element Research</i> , <b>2017</b> , 175, 367-374	4.5	12
114	Copper Nanoparticles as Modulators of Apoptosis and Structural Changes in Tissues. <i>Journal of Biomaterials and Nanobiotechnology</i> , <b>2012</b> , 03, 97-104	1	12
113	Geographic variation of environmental, food, and human hair selenium content in an industrial region of Russia. <i>Environmental Research</i> , <b>2019</b> , 171, 293-301	7.9	11
112	Bioelementology as an interdisciplinary integrative approach in life sciences: terminology, classification, perspectives. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2011</b> , 25 Suppl 1, S3-10	4.1	11
111	Effect of short-term zinc supplementation on zinc and selenium tissue distribution and serum antioxidant enzymes. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2015</b> , 14, 269-276	1	11
110	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , <b>2021</b> , 10, 32	1.2	11

109	Mercury as a possible link between maternal obesity and autism spectrum disorder. <i>Medical Hypotheses</i> , <b>2016</b> , 91, 90-94	3.8	11
108	Molecular mechanisms of aluminum neurotoxicity: Update on adverse effects and therapeutic strategies. <i>Advances in Neurotoxicology</i> , <b>2021</b> , 5, 1-34	1.6	11
107	Boron - A potential goiterogen?. <i>Medical Hypotheses</i> , <b>2017</b> , 104, 63-67	3.8	10
106	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> , <b>2019</b> , 56, 124-130	4.1	10
105	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> , <b>2020</b> , 196, 400-409	4.5	10
104	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	10
103	Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1849-1856	5.9	10
102	Copper and zinc levels in soil, water, wheat, and hair of inhabitants of three areas of the Orenburg region, Russia. <i>Environmental Research</i> , <b>2018</b> , 166, 158-166	7.9	10
101	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> , <b>2018</b> , 50, 658-663	4.1	9
100	Zinc asparaginate supplementation induces redistribution of toxic trace elements in rat tissues and organs. <i>Interdisciplinary Toxicology</i> , <b>2015</b> , 8, 131-8	2.3	9
99	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> , <b>2020</b> , 61, 126539	4.1	9
98	ElectroSens Platform with a Polyelectrolyte-Based Carbon Fiber Sensor for Point-of-Care Analysis of Zn in Blood and Urine. <i>ACS Omega</i> , <b>2020</b> , 5, 18987-18994	3.9	9
97	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> , <b>2018</b> , 98, 520-535	1.8	9
96	Comparative Analysis of the Trace Element Content of the Leaves and Roots of Three Plantago Species. <i>Biological Trace Element Research</i> , <b>2016</b> , 173, 225-30	4.5	8
95	Hair Trace Elements are Associated with Increased Thyroid Volume in Schoolchildren with Goiter. <i>Biological Trace Element Research</i> , <b>2016</b> , 174, 261-266	4.5	8
94	Streptozotocin (STZ)-Induced Diabetes Affects Tissue Trace Element Content in Rats in a Dose-Dependent Manner. <i>Biological Trace Element Research</i> , <b>2020</b> , 198, 567-574	4.5	7
93	Hair mercury association with selenium, serum lipid spectrum, and gamma-glutamyl transferase activity in adults. <i>Biological Trace Element Research</i> , <b>2014</b> , 161, 255-62	4.5	7
92	Influence of Cu10x copper nanoparticles intramuscular injection on mineral composition of rat spleen. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2011</b> , 25 Suppl 1, S84-9	4.1	7

91	Bioelement effects on thyroid gland in children living in iodine-adequate territory. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2007</b> , 21 Suppl 1, 56-8	4.1	7
90	Selenium Antagonism with Mercury and Arsenic: From Chemistry to Population Health and Demography <b>2016</b> , 401-412		7
89	Zinc. <i>Advances in Food and Nutrition Research</i> , <b>2021</b> , 96, 251-310	6	7
88	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). <i>Biological Trace Element Research</i> , <b>2018</b> , 184, 523-528	4.5	7
87	Copper, Iron, Selenium and Lipo-Glycemic Dysmetabolism in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
86	Mucociliary transport as a link between chronic rhinosinusitis and trace element dysbalance. <i>Medical Hypotheses</i> , <b>2019</b> , 127, 5-10	3.8	6
85	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> , <b>2018</b> , 42, e12577	3.3	6
84	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> , <b>2017</b> , 39, 36-42	4.1	6
83	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 2263-2278	5.8	6
82	Hair Mineral and Trace Element Content in Children with Down's Syndrome. <i>Biological Trace Element Research</i> , <b>2019</b> , 188, 230-238	4.5	6
81	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> , <b>2019</b> , 26, 559-569	5.1	6
80	Organotins in obesity and associated metabolic disturbances. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 191, 49-59	4.2	6
79	Effects of Imbalance in Trace Element on Thyroid Gland from Moroccan Children. <i>Biological Trace Element Research</i> , <b>2016</b> , 170, 288-93	4.5	5
78	Selenium-rich maize modulates the expression of prostaglandin genes in lipopolysaccharide-stimulated RAW264.7 macrophages. <i>Food and Function</i> , <b>2019</b> , 10, 2839-2846	6.1	5
77	Mössbauer 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> , <b>2018</b> , 48, 105-110	4.1	5
76	Integrating genome-wide association study summaries and element-gene interaction datasets identified multiple associations between elements and complex diseases. <i>Genetic Epidemiology</i> , <b>2018</b> , 42, 168-173	2.6	5
75	In search of decoding the syntax of the bioelements in human hair - A critical overview. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 50, 543-553	4.1	5
74	Hair Trace Element and Electrolyte Content in Women with Natural and In Vitro Fertilization-Induced Pregnancy. <i>Biological Trace Element Research</i> , <b>2018</b> , 181, 1-9	4.5	5

73	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> , <b>2011</b> , 28, 124-127	1.8	5
72	Cobalt in athletes: hypoxia and doping - new crossroads.. <i>Journal of Applied Biomedicine</i> , <b>2019</b> , 17, 28	0.6	5
71	Blood Essential Trace Elements and Vitamins in Students with Different Physical Activity. <i>Pakistan Journal of Nutrition</i> , <b>2015</b> , 14, 721-726	0.3	5
70	Magnesium Status in Children with Attention-Deficit/Hyperactivity Disorder and/or Autism Spectrum Disorder. <i>Sodopsceongsolnyeon Jeongsin Yihag</i> , <b>2020</b> , 31, 41-45	1.2	5
69	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> , <b>2020</b> , 59, 126420	4.1	5
68	Effect of Zn Supplementation on Trace Element Status in Rats with Diet-Induced Non-alcoholic Fatty Liver Disease. <i>Biological Trace Element Research</i> , <b>2020</b> , 197, 202-212	4.5	5
67	Endothelial Dysfunction Induced by Cadmium and Mercury and its Relationship to Hypertension. <i>Current Hypertension Reviews</i> , <b>2021</b> , 17, 14-26	2.3	5
66	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> , <b>2019</b> , 191, 382-388	4.5	5
65	Comparative Hair Trace Element Profile in the Population of Sakhalin and Taiwan Pacific Islands. <i>Biological Trace Element Research</i> , <b>2018</b> , 184, 308-316	4.5	5
64	Selenium in Ischemic Stroke. <i>Molecular and Integrative Toxicology</i> , <b>2018</b> , 211-230	0.5	5
63	Environmental and health hazards of military metal pollution. <i>Environmental Research</i> , <b>2021</b> , 201, 111568.9	6.9	5
62	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> , <b>2019</b> , 56, 139-145	4.1	4
61	Iron and Advanced Glycation End Products: Emerging Role of Iron in Androgen Deficiency in Obesity. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	4
60	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> , <b>2018</b> , 50, 430-434	4.1	4
59	Dysregulated Iron Metabolism-Associated Dietary Pattern Predicts an Altered Body Composition and Metabolic Syndrome. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	4
58	Sex dependent peculiarities of some important chemical element ratios in hair of schoolchildren. <i>Trace Elements and Electrolytes</i> , <b>2011</b> , 28, 88-90	1.8	4
57	The effect of alcohol consumption on maternal and cord blood electrolyte and trace element levels. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2016</b> , 15, 439-445	1	4
56	N,N' bis-(2-mercaptoethyl) isophthalamide induces developmental delay in by promoting DAF-16 nuclear localization. <i>Toxicology Reports</i> , <b>2020</b> , 7, 930-937	4.8	4



55	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> , <b>2021</b> , 11,	5.9	4
54	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> , <b>2020</b> , 193, 64-72	4.5	4
53	Serum trace element and amino acid profile in children with cerebral palsy. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 64, 126685	4.1	4
52	Isolevuglandins (isoLGs) as toxic lipid peroxidation byproducts and their pathogenetic role in human diseases. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 162, 266-273	7.8	4
51	Combined Lycium babarum polysaccharides and C-phycoyanin increase gastric Bifidobacterium relative abundance and protect against gastric ulcer caused by aspirin in rats. <i>Nutrition and Metabolism</i> , <b>2021</b> , 18, 4	4.6	4
50	Comparative analysis and the coverage intervals of hair rare metal content in two Russian industrial centres. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2017</b> , 97, 520-533	1.8	3
49	Serum amino acid spectrum in children with autism spectrum disorder (ASD). <i>Research in Autism Spectrum Disorders</i> , <b>2020</b> , 77, 101605	3	3
48	Environmental human silver exposure. <i>Toxicological and Environmental Chemistry</i> , <b>2012</b> , 94, 1238-1246	1.4	3
47	The Muscle Immobility of Depression The Weightlessness Within. <i>Psychology</i> , <b>2012</b> , 03, 825-833	0.5	3
46	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> , <b>2021</b> , 28, 45230-45239	5.1	3
45	Alterations in Blood Metabolic Parameters of Immature Mice After Subchronic Exposure to Cobalt Chloride. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 588-593	4.5	3
44	Alterations in serum amino acid profiles in children with attention deficit/hyperactivity disorder. <i>Biomedical Reports</i> , <b>2021</b> , 14, 47	1.8	3
43	Selenium and Autism Spectrum Disorder. <i>Molecular and Integrative Toxicology</i> , <b>2018</b> , 193-210	0.5	3
42	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	3
41	Selenium and Other Elements in Wheat ( <i>Triticum aestivum</i> ) and Wheat Bread from a Seleniferous Area. <i>Biological Trace Element Research</i> , <b>2019</b> , 192, 10-17	4.5	2
40	The efficiency of Governmental and WFP UN Programs for improvement of nutritional status in Tajik schoolchildren as assessed by dietary intake and hair trace element content. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2019</b> , 55, 196-203	4.1	2
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24	The joint 16th symposium on Trace Elements in Man and Animals (TEMA16), International Society for Trace Element Research in Humans (ISTERH-2017) and Nordic Trace Element Society (NTES), Saint-Petersburg, Russia, 26-29 June, 2017. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 50, 461-464	4.1	1
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21	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells.. <i>Molecular Neurobiology</i> , <b>2022</b> , 1	6.2	1
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7	Serum and Hair Trace Element and Mineral Levels in Dairy Cows in Relation to Daily Milk Yield. <i>Biological Trace Element Research</i> , <b>2021</b> , 1	4.5	0
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- 1 Meteorological parameters and cases of COVID-19 in Brazilian cities: an observational study.  
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