

Alexey A Tinkov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7347534/alexey-a-tinkov-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. 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.

184
papers

2,826
citations

27
h-index

45
g-index

203
ext. papers

4,036
ext. citations

4.3
avg, IF

5.71
L-index

#	Paper	IF	Citations
184	Correlation of Serum Selenium in Asthma Patients with Severity of the Disorder.. <i>Biological Trace Element Research</i> , 2022 , 1	4.5	
183	Systemic Essential Metal and Metalloid Levels in Patients with Benign Breast Disease and Breast Cancer.. <i>Biological Trace Element Research</i> , 2022 , 1	4.5	1
182	Association Between Essential and Non-essential Metals, Body Composition, and Metabolic Syndrome in Adults.. <i>Biological Trace Element Research</i> , 2022 , 1	4.5	0
181	Ghrelin attenuates methylmercury-induced oxidative stress in neuronal cells.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
180	Meteorological parameters and cases of COVID-19 in Brazilian cities: an observational study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022 , 85, 14-28	3.2	
179	Mercury and cancer: Where are we now after two decades of research?. <i>Food and Chemical Toxicology</i> , 2022 , 113001	4.7	2
178	Iron overload and neurodegenerative diseases: What can we learn from <i>Caenorhabditis elegans</i> ?. <i>Toxicology Research and Application</i> , 2022 , 6, 239784732210918	0.8	0
177	On the Biomedical Properties of Endocannabinoid Degradation and Reuptake Inhibitors: Pre-clinical and Clinical Evidence. <i>Neurotoxicity Research</i> , 2021 , 39, 2072-2097	4.3	0
176	Correction of Selenium status as a tool for preventive medicine. <i>Zdravookhranenie Rossiiskoi Federatsii / Ministerstvo Zdravookhraneniia RSFSR</i> , 2021 , 65, 447-453	0.3	
175	High-dose ferric citrate supplementation attenuates omega-3 polyunsaturated fatty acid biosynthesis downregulating delta 5 and 6 desaturases in rats with high-fat diet-induced obesity. <i>Food and Function</i> , 2021 , 12, 11819-11828	6.1	0
174	Leveraging artificial intelligence to advance the understanding of chemical neurotoxicity.. <i>NeuroToxicology</i> , 2021 , 89, 9-11	4.4	0
173	Associations of Food and Nutrient Intake with Serum Hpcidin and the Risk of Gestational Iron-Deficiency Anemia among Pregnant Women: A Population-Based Study. <i>Nutrients</i> , 2021 , 13,	6.7	2
172	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	4.5	22
171	Relationship Between Elevated Hair Mercury Levels, Essential Element Status, and Metabolic Profile in Overweight and Obese Adults. <i>Biological Trace Element Research</i> , 2021 , 199, 2874-2881	4.5	2
170	Perinatal and early-life cobalt exposure impairs essential metal metabolism in immature ICR mice. <i>Food and Chemical Toxicology</i> , 2021 , 149, 111973	4.7	0
169	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	5.5	2
168	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , 2021 , 10, 32	1.2	11

167	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	5.1	3
166	The Role of Toxic Metals and Metalloids in Nrf2 Signaling. <i>Antioxidants</i> , 2021 , 10,	7.1	9
165	Molecular Targets of Manganese-Induced Neurotoxicity: A Five-Year Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
164	Serum Zinc, Copper, and Other Biometals Are Associated with COVID-19 Severity Markers. <i>Metabolites</i> , 2021 , 11,	5.6	17
163	Sirtuins as molecular targets, mediators, and protective agents in metal-induced toxicity. <i>Archives of Toxicology</i> , 2021 , 95, 2263-2278	5.8	6
162	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,	5.9	4
161	Alteration of iron (Fe), copper (Cu), zinc (Zn), and manganese (Mn) tissue levels and speciation in rats with desferioxamine-induced iron deficiency. <i>BioMetals</i> , 2021 , 34, 923-936	3.4	1
160	Endothelial Dysfunction Induced by Cadmium and Mercury and its Relationship to Hypertension. <i>Current Hypertension Reviews</i> , 2021 , 17, 14-26	2.3	5
159	Alterations in Blood Metabolic Parameters of Immature Mice After Subchronic Exposure to Cobalt Chloride. <i>Biological Trace Element Research</i> , 2021 , 199, 588-593	4.5	3
158	Profiling of selenium and other trace elements in breads from rice and maize cultivated in a seleniferous area of Punjab (India). <i>Journal of Food Science and Technology</i> , 2021 , 58, 825-833	3.3	0
157	Serum, Whole Blood, Hair, and Mucosal Essential Trace Element and Mineral Levels in Children with Verified Chronic Rhinosinusitis Undergoing Functional Endoscopic Sinus Surgery. <i>Biological Trace Element Research</i> , 2021 , 199, 2112-2120	4.5	
156	Chronic exposure to methylmercury disrupts ghrelin actions in C57BL/6J mice. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111918	4.7	2
155	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	4.1	4
154	Chronic exposure to methylmercury enhances the anorexigenic effects of leptin in C57BL/6J male mice. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111924	4.7	3
153	An updated systematic review on the association between Cd exposure, blood pressure and hypertension. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111636	7	8
152	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	7.8	4
151	URB597 Prevents the Short-Term Excitotoxic Cell Damage in Rat Cortical Slices: Role of Cannabinoid 1 Receptors. <i>Neurotoxicity Research</i> , 2021 , 39, 146-155	4.3	1
150	The effect of supplementation on leptin and VEGF-A serum levels, endothelial dysfunction and angiogenesis in obese women - a randomised trial. <i>Food and Function</i> , 2021 , 12, 1708-1718	6.1	3

149	Molecular mechanisms of aluminum neurotoxicity: Update on adverse effects and therapeutic strategies. <i>Advances in Neurotoxicology</i> , 2021 , 5, 1-34	1.6	11
148	Zinc. <i>Advances in Food and Nutrition Research</i> , 2021 , 96, 251-310	6	7
147	Combined Lycium barbarum polysaccharides and C-phycoerythrin increase gastric Bifidobacterium relative abundance and protect against gastric ulcer caused by aspirin in rats. <i>Nutrition and Metabolism</i> , 2021 , 18, 4	4.6	4
146	Associations between metabolic syndrome and four heavy metals: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2021 , 273, 116480	9.3	16
145	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> , 2021 , 1	4.5	0
144	Alterations in serum amino acid profiles in children with attention deficit/hyperactivity disorder. <i>Biomedical Reports</i> , 2021 , 14, 47	1.8	3
143	The Aging Kidney-As Influenced by Heavy Metal Exposure and Selenium Supplementation. <i>Biomolecules</i> , 2021 , 11,	5.9	2
142	The Role of Human LRRK2 in Acute Methylmercury Toxicity in <i>Caenorhabditis elegans</i> . <i>Neurochemical Research</i> , 2021 , 46, 2991-3002	4.6	1
141	Copper, Iron, Selenium and Lipo-Glycemic Dysmetabolism in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
140	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,	4.6	2
139	Gut Microbiota as a Potential Player in Mn-Induced Neurotoxicity. <i>Biomolecules</i> , 2021 , 11,	5.9	3
138	Adherence to COVID-19 nutritional guidelines and their impact on the clinical outcomes of hospitalized COVID-19 patients. <i>Clinical Nutrition ESPEN</i> , 2021 , 46, 491-498	1.3	0
137	Serum and Hair Trace Element and Mineral Levels in Dairy Cows in Relation to Daily Milk Yield. <i>Biological Trace Element Research</i> , 2021 , 1	4.5	0
136	Environmental and health hazards of military metal pollution. <i>Environmental Research</i> , 2021 , 201, 111568.9	5	5
135	A follow-up study of mucociliary clearance and trace element and mineral status in children with chronic rhinosinusitis before and three months after endoscopic sinus surgery. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 68, 126812	4.1	1
134	Developmental exposure to methylmercury and ADHD, a literature review of epigenetic studies. <i>Environmental Epigenetics</i> , 2021 , 7, dvab014	2.4	0
133	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,	6.3	1
132	Concentration of essential chemical elements in whole blood and in paranasal sinuses mucosa is related to chronic rhinosinusitis severity in children. <i>Science and Innovations in Medicine</i> , 2021 , 6, 9-13	0.2	

131	Generating Bacterial Foods in Toxicology Studies with <i>Caenorhabditis elegans</i> . <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2020 , 84, e94	1	1
130	Sulfhydryl groups as targets of mercury toxicity. <i>Coordination Chemistry Reviews</i> , 2020 , 417, 213343-213343	4.3	55
129	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	5.1	0
128	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	4.5	7
127	Serum amino acid spectrum in children with autism spectrum disorder (ASD). <i>Research in Autism Spectrum Disorders</i> , 2020 , 77, 101605	3	3
126	Chronic exposure to methylmercury induces puncta formation in cephalic dopaminergic neurons in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2020 , 77, 105-113	4.4	15
125	Oxidative Stress in Autism Spectrum Disorder. <i>Molecular Neurobiology</i> , 2020 , 57, 2314-2332	6.2	76
124	Selenium and Selenoproteins in Adipose Tissue Physiology and Obesity. <i>Biomolecules</i> , 2020 , 10,	5.9	32
123	Iron and Advanced Glycation End Products: Emerging Role of Iron in Androgen Deficiency in Obesity. <i>Antioxidants</i> , 2020 , 9,	7.1	4
122	The influence of fortified food products on dietary iron, iodine, and zinc content in Tajik schoolchildren. <i>Gigiena I Sanitariia</i> , 2020 , 99, 975-979	0.4	1
121	Zinc and respiratory tract infections: Perspectives for COVID-19 (Review). <i>International Journal of Molecular Medicine</i> , 2020 , 46, 17-26	4.4	219
120	Magnesium Status in Children with Attention-Deficit/Hyperactivity Disorder and/or Autism Spectrum Disorder. <i>Sochisceongsogyeon Jeongsin Yihag</i> , 2020 , 31, 41-45	1.2	5
119	Specific patterns of hair content of toxic metal in foreign students of the peoples Friendship university of Russia (RUDN university). <i>Gigiena I Sanitariia</i> , 2020 , 99, 733-737	0.4	
118	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	4.1	9
117	The impact of manganese on neurotransmitter systems. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020 , 61, 126554	4.1	16
116	A Search for Similar Patterns in Hair Trace Element and Mineral Content in Children with Down's Syndrome, Obesity, and Growth Delay. <i>Biological Trace Element Research</i> , 2020 , 196, 607-617	4.5	0
115	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	4.5	10
114	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	4.1	19

113	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	4.1	15
112	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	4.5	5
111	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,	6.7	41
110	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	4.7	25
109	Early Nutritional Interventions with Zinc, Selenium and Vitamin D for Raising Anti-Viral Resistance Against Progressive COVID-19. <i>Nutrients</i> , 2020 , 12,	6.7	79
108	The Role of Human LRRK2 in Methylmercury-Induced Inhibition of Microvesicle Formation of Cephalic Neurons in <i>Caenorhabditis elegans</i> . <i>Neurotoxicity Research</i> , 2020 , 38, 751-764	4.3	4
107	The role of glutathione redox imbalance in autism spectrum disorder: A review. <i>Free Radical Biology and Medicine</i> , 2020 , 160, 149-162	7.8	31
106	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	5	2
105	Manganese-induced neurodegenerative diseases and possible therapeutic approaches. <i>Expert Review of Neurotherapeutics</i> , 2020 , 20, 1109-1121	4.3	17
104	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	4.5	4
103	Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus. <i>Clinical Nutrition</i> , 2020 , 39, 1849-1856	5.9	10
102	The Impact of Perinatal Cobalt Chloride Exposure on Extramedullary Erythropoiesis, Tissue Iron Levels, and Transferrin Receptor Expression in Mice. <i>Biological Trace Element Research</i> , 2020 , 194, 423-431	4.5	2
101	A Case-Control Study of Essential and Toxic Trace Elements and Minerals in Hair of 0-4-Year-Old Children with Cerebral Palsy. <i>Biological Trace Element Research</i> , 2020 , 195, 399-408	4.5	1
100	Manganese in the Diet: Bioaccessibility, Adequate Intake, and Neurotoxicological Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12893-12903	5.7	22
99	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	4.1	10
98	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	4.1	4
97	Geographic variation of environmental, food, and human hair selenium content in an industrial region of Russia. <i>Environmental Research</i> , 2019 , 171, 293-301	7.9	11
96	Selenium and Other Elements in Wheat (<i>Triticum aestivum</i>) and Wheat Bread from a Seleniferous Area. <i>Biological Trace Element Research</i> , 2019 , 192, 10-17	4.5	2

95	Mucociliary transport as a link between chronic rhinosinusitis and trace element dysbalance. <i>Medical Hypotheses</i> , 2019 , 127, 5-10	3.8	6
94	Selenium-rich maize modulates the expression of prostaglandin genes in lipopolysaccharide-stimulated RAW264.7 macrophages. <i>Food and Function</i> , 2019 , 10, 2839-2846	6.1	5
93	Insights into the Potential Role of Mercury in Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2019 , 67, 511-533	3.3	21
92	Lead (Pb) exposure induces dopaminergic neurotoxicity in : Involvement of the dopamine transporter. <i>Toxicology Reports</i> , 2019 , 6, 833-840	4.8	28
91	Brain diseases in changing climate. <i>Environmental Research</i> , 2019 , 177, 108637	7.9	16
90	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> , 2019 , 55, 196-203	4.1	2
89	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	4.1	13
88	Dysregulated Iron Metabolism-Associated Dietary Pattern Predicts an Altered Body Composition and Metabolic Syndrome. <i>Nutrients</i> , 2019 , 11,	6.7	4
87	Cobalt in athletes: hypoxia and doping - new crossroads.. <i>Journal of Applied Biomedicine</i> , 2019 , 17, 28	0.6	5
86	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	4.3	2
85	Hair Mineral and Trace Element Content in Children with Down's Syndrome. <i>Biological Trace Element Research</i> , 2019 , 188, 230-238	4.5	6
84	Sex-Specific Differences in Redox Homeostasis in Brain Norm and Disease. <i>Journal of Molecular Neuroscience</i> , 2019 , 67, 312-342	3.3	15
83	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	7.5	19
82	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	5.1	6
81	Organotins in obesity and associated metabolic disturbances. <i>Journal of Inorganic Biochemistry</i> , 2019 , 191, 49-59	4.2	6
80	Hair Trace Element Levels in Han and Indigenous Hualien Inhabitants in Taiwan. <i>Biological Trace Element Research</i> , 2019 , 191, 1-9	4.5	2
79	Hair Trace Elements in Overweight and Obese Adults in Association with Metabolic Parameters. <i>Biological Trace Element Research</i> , 2018 , 186, 12-20	4.5	21
78	Cadmium and atherosclerosis: A review of toxicological mechanisms and a meta-analysis of epidemiologic studies. <i>Environmental Research</i> , 2018 , 162, 240-260	7.9	83

77	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> , 2018 , 50, 461-464	4.1	1
76	Chelator combination as therapeutic strategy in mercury and lead poisonings. <i>Coordination Chemistry Reviews</i> , 2018 , 358, 1-12	23.2	33
75	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	2.6	5
74	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	10.3	43
73	Gut as a target for cadmium toxicity. <i>Environmental Pollution</i> , 2018 , 235, 429-434	9.3	84
72	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	4.1	15
71	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	5.1	14
70	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	4.5	5
69	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	4.1	4
68	Zinc status is associated with inflammation, oxidative stress, lipid, and glucose metabolism. <i>Journal of Physiological Sciences</i> , 2018 , 68, 19-31	2.3	157
67	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	3.3	6
66	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	4.1	9
65	Toxic metal(loid)-based pollutants and their possible role in autism spectrum disorder. <i>Environmental Research</i> , 2018 , 166, 234-250	7.9	50
64	The impact of lifestyle factors on age-related differences in hair trace element content in pregnant women in the third trimester. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2018 , 17, 83-89	1	1
63	In Vitro Bioavailability of Calcium, Magnesium, Iron, Zinc, and Copper from Gluten-Free Breads Supplemented with Natural Additives. <i>Biological Trace Element Research</i> , 2018 , 182, 140-146	4.5	10
62	Zinc deficiency as a mediator of toxic effects of alcohol abuse. <i>European Journal of Nutrition</i> , 2018 , 57, 2313-2322	5.2	24
61	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). <i>Biological Trace Element Research</i> , 2018 , 184, 523-528	4.5	7
60	Comparative Hair Trace Element Profile in the Population of Sakhalin and Taiwan Pacific Islands. <i>Biological Trace Element Research</i> , 2018 , 184, 308-316	4.5	5

59	Selenium in Ischemic Stroke. <i>Molecular and Integrative Toxicology</i> , 2018 , 211-230	0.5	5
58	Selenium and Autism Spectrum Disorder. <i>Molecular and Integrative Toxicology</i> , 2018 , 193-210	0.5	3
57	Influence of Physical Activity on the Regulation of Iron Metabolism. <i>Human Physiology</i> , 2018 , 44, 592-599	0.3	
56	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	3.4	2
55	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	7.9	10
54	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	1.8	9
53	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	4.5	12
52	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	5.1	13
51	Comparative Analysis on the Effect of Plantago Species Aqueous Extracts on Tissue Trace Element Content in Rats. <i>Biological Trace Element Research</i> , 2017 , 179, 79-90	4.5	
50	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	4.1	13
49	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	3.9	19
48	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	4.1	59
47	Comparative analysis and the coverage intervals of hair rare metal content in two Russian industrial centres. <i>International Journal of Environmental Analytical Chemistry</i> , 2017 , 97, 520-533	1.8	3
46	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	4.5	14
45	Boron - A potential goiterogen?. <i>Medical Hypotheses</i> , 2017 , 104, 63-67	3.8	10
44	The role of cadmium in obesity and diabetes. <i>Science of the Total Environment</i> , 2017 , 601-602, 741-755	10.2	145
43	Relationship between selenium, lead, and mercury in red blood cells of Saudi autistic children. <i>Metabolic Brain Disease</i> , 2017 , 32, 1073-1080	3.9	44
42	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	3.9	22

41	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> , 2017 , 177, 25-32	4.5	14
40	Analysis of Hair Trace Elements in Children with Autism Spectrum Disorders and Communication Disorders. <i>Biological Trace Element Research</i> , 2017 , 177, 215-223	4.5	26
39	Molecular interaction between mercury and selenium in neurotoxicity. <i>Coordination Chemistry Reviews</i> , 2017 , 332, 30-37	23.2	78
38	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	4.1	14
37	Hair toxic and essential trace elements in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2017 , 32, 195-202	3.9	46
36	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	4.1	32
35	Zinc supplementation modifies trace element status in exercised rats. <i>Journal of Applied Biomedicine</i> , 2017 , 15, 39-47	0.6	2
34	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	4.1	18
33	Serum Trace Element Profiles, Prolactin, and Cortisol in Transient Ischemic Attack Patients. <i>Biological Trace Element Research</i> , 2016 , 172, 93-100	4.5	14
32	Effect of Spirulina maxima Supplementation on Calcium, Magnesium, Iron, and Zinc Status in Obese Patients with Treated Hypertension. <i>Biological Trace Element Research</i> , 2016 , 173, 1-6	4.5	28
31	Comparative Analysis of the Trace Element Content of the Leaves and Roots of Three Plantago Species. <i>Biological Trace Element Research</i> , 2016 , 173, 225-30	4.5	8
30	Age-related differences in hair trace elements: a cross-sectional study in Orenburg, Russia. <i>Annals of Human Biology</i> , 2016 , 43, 438-44	1.7	26
29	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	1	13
28	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	1	4
27	Ultratrace element contents in rat tissues: Comparative analysis of serum and hair as indicative matrices of the total body burden. <i>Archives of Biological Sciences</i> , 2016 , 68, 623-632	0.7	2
26	Hair trace elements in women with alcohol abuse and their offspring. <i>Trace Elements and Electrolytes</i> , 2016 , 33, 144-147	1.8	2
25	Evaluation of whole blood zinc and copper levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2016 , 31, 887-90	3.9	37
24	Mercury as a possible link between maternal obesity and autism spectrum disorder. <i>Medical Hypotheses</i> , 2016 , 91, 90-94	3.8	11

23	Hair Trace Elements are Associated with Increased Thyroid Volume in Schoolchildren with Goiter. <i>Biological Trace Element Research</i> , 2016 , 174, 261-266	4.5	8
22	Selenium Antagonism with Mercury and Arsenic: From Chemistry to Population Health and Demography 2016 , 401-412		7
21	Alteration of local adipose tissue trace element homeostasis as a possible mechanism of obesity-related insulin resistance. <i>Medical Hypotheses</i> , 2015 , 85, 343-7	3.8	19
20	Hair concentration of essential trace elements in adult non-exposed Russian population. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 677	3.1	33
19	Mutual interaction between iron homeostasis and obesity pathogenesis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 30, 207-14	4.1	42
18	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	4.5	18
17	Influence of Plantaginaceae species on E. coli K12 growth in vitro: Possible relation to phytochemical properties. <i>Pharmaceutical Biology</i> , 2015 , 53, 715-24	3.8	6
16	Adipose tissue chromium and vanadium disbalance in high-fat fed Wistar rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 29, 176-81	4.1	24
15	Zinc asparaginate supplementation induces redistribution of toxic trace elements in rat tissues and organs. <i>Interdisciplinary Toxicology</i> , 2015 , 8, 131-8	2.3	9
14	Reference values of hair toxic trace elements content in occupationally non-exposed Russian population. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 40, 18-21	5.8	42
13	Mercury and metabolic syndrome: a review of experimental and clinical observations. <i>BioMetals</i> , 2015 , 28, 231-54	3.4	59
12	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	1	11
11	Blood Essential Trace Elements and Vitamins in Students with Different Physical Activity. <i>Pakistan Journal of Nutrition</i> , 2015 , 14, 721-726	0.3	5
10	The effect of the Ti (IV)-citrate complex on staphylococcus aureus growth and biofilm formation. <i>Archives of Biological Sciences</i> , 2015 , 67, 981-992	0.7	0
9	Perinatal low-dose iron treatment influences susceptibility to diet-induced adipogenesis in early-aged male Wistar rats. <i>BioMetals</i> , 2014 , 27, 293-303	3.4	3
8	Plantago maxima leaves extract inhibits adipogenic action of a high-fat diet in female Wistar rats. <i>European Journal of Nutrition</i> , 2014 , 53, 831-42	5.2	16
7	Hair mercury association with selenium, serum lipid spectrum, and gamma-glutamyl transferase activity in adults. <i>Biological Trace Element Research</i> , 2014 , 161, 255-62	4.5	7
6	Hair toxic element content in adult men and women in relation to body mass index. <i>Biological Trace Element Research</i> , 2014 , 161, 13-9	4.5	40

5	Effect of high fat diet on macroelement content in hair and adipose tissue of Wistar rats. <i>Trace Elements and Electrolytes</i> , 2014 , 31, 156-159	1.8	2
4	Chronic administration of iron and copper potentiates adipogenic effect of high fat diet in Wistar rats. <i>BioMetals</i> , 2013 , 26, 447-63	3.4	17
3	Serum lipoprotein profile and oxidative stress biomarkers in Wistar rats fed drinking water containing iron and copper. <i>Biologia (Poland)</i> , 2013 , 68, 738-742	1.5	
2	Influence of iron and copper consumption on weight gain and oxidative stress in adipose tissue of Wistar rats. <i>Interdisciplinary Toxicology</i> , 2012 , 5, 127-32	2.3	7
1	The nonlinear dependence between administered pro-oxidant doses and intensity of free-radical processes observed in rats. <i>Journal of Applied Biomedicine</i> , 2011 , 9, 219-224	0.6	