Margarita G Skalnaya

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7707330/publications.pdf

Version: 2024-02-01

82 papers	2,531 citations	186265 28 h-index	223800 46 g-index
85 all docs	85 docs citations	85 times ranked	3033 citing authors

#	Article	IF	Citations
1	Speciation of Serum Copper and Zinc-Binding High- and Low-Molecular Mass Ligands in Dairy Cows Using HPLC-ICP-MS Technique. Biological Trace Element Research, 2022, 200, 591-599.	3.5	5
2	Profiling of selenium and other trace elements in breads from rice and maize cultivated in a seleniferous area of Punjab (India). Journal of Food Science and Technology, 2021, 58, 825-833.	2.8	3
3	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. Biomolecules, 2021, 11, 689.	4.0	25
4	Alteration of iron (Fe), copper (Cu), zinc (Zn), and manganese (Mn) tissue levels and speciation in rats with desferioxamine-induced iron deficiency. BioMetals, 2021, 34, 923-936.	4.1	4
5	Selenium, Zinc, Chromium, and Vanadium Levels in Serum, Hair, and Urine Samples of Obese Adults Assessed by Inductively Coupled Plasma Mass Spectrometry. Biological Trace Element Research, 2021, 199, 490-499.	3.5	44
6	The Impact of Maternal Overweight on Hair Essential Trace Element and Mineral Content in Pregnant Women and Their Children. Biological Trace Element Research, 2020, 193, 64-72.	3.5	5
7	Zinc, copper, and oxysterol levels in patients with type 1 and type 2 diabetes mellitus. Clinical Nutrition, 2020, 39, 1849-1856.	5.0	29
8	A Search for Similar Patterns in Hair Trace Element and Mineral Content in Children with Downâ€™s Syndrome, Obesity, and Growth Delay. Biological Trace Element Research, 2020, 196, 607-617.	3.5	2
9	Assessment of copper, iron, zinc and manganese status and speciation in patients with Parkinsonâ€™s disease: A pilot study. Journal of Trace Elements in Medicine and Biology, 2020, 59, 126423.	3.0	36
10	Serum zinc, copper, zinc-to-copper ratio, and other essential elements and minerals in children with attention deficit/hyperactivity disorder (ADHD). Journal of Trace Elements in Medicine and Biology, 2020, 58, 126445.	3.0	32
11	Relationship Between Elevated Hair Mercury Levels, Essential Element Status, and Metabolic Profile in Overweight and Obese Adults. Biological Trace Element Research, 2020, 199, 2874-2881.	3.5	4
12	Sulfhydryl groups as targets of mercury toxicity. Coordination Chemistry Reviews, 2020, 417, 213343.	18.8	168
13	Serum amino acid spectrum in children with autism spectrum disorder (ASD). Research in Autism Spectrum Disorders, 2020, 77, 101605.	1.5	7
14	Selenium and Selenoproteins in Adipose Tissue Physiology and Obesity. Biomolecules, 2020, 10, 658.	4.0	67
15	Hair trace element concentrations in autism spectrum disorder (ASD) and attention deficit/hyperactivity disorder (ADHD). Journal of Trace Elements in Medicine and Biology, 2020, 61, 126539.	3.0	17
16	Magnesium Status in Children with Attention-Deficit/Hyperactivity Disorder and/or Autism Spectrum Disorder. SoaÂ¡$ceongso'nyeon Jeongsin Yihag, 2020, 31, 41-45.	0.5	11
17	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. Journal of Trace Elements in Medicine and Biology, 2019, 55, 196-203.	3.0	3
18	Serum levels of copper, iron, and manganese in women with pregnancy, miscarriage, and primary infertility. Journal of Trace Elements in Medicine and Biology, 2019, 56, 124-130.	3.0	29

#	Article	IF	Citations
19	Aluminium levels in hair and urine are associated with overweight and obesity in a non-occupationally exposed population. Journal of Trace Elements in Medicine and Biology, 2019, 56, 139-145.	3.0	11
20	Geographic variation of environmental, food, and human hair selenium content in an industrial region of Russia. Environmental Research, 2019, 171, 293-301.	7.5	19
21	Selenium and Other Elements in Wheat (Triticum aestivum) and Wheat Bread from a Seleniferous Area. Biological Trace Element Research, 2019, 192, 10-17.	3.5	4
22	Mucociliary transport as a link between chronic rhinosinusitis and trace element dysbalance. Medical Hypotheses, 2019, 127, 5-10.	1.5	8
23	Selenium-rich maize modulates the expression of prostaglandin genes in lipopolysaccharide-stimulated RAW264.7 macrophages. Food and Function, 2019, 10, 2839-2846.	4.6	7
24	Insights into the Potential Role of Mercury in Alzheimerâ€™s Disease. Journal of Molecular Neuroscience, 2019, 67, 511-533.	2.3	31
25	Hair Mineral and Trace Element Content in Children with Downâ€™s Syndrome. Biological Trace Element Research, 2019, 188, 230-238.	3.5	10
26	Association between catatonia and levels of hair and serum trace elements and minerals in autism spectrum disorder. Biomedicine and Pharmacotherapy, 2019, 109, 174-180.	5.6	36
27	Zinc, copper, cadmium, and lead levels in cattle tissues in relation to different metal levels in ground water and soil. Environmental Science and Pollution Research, 2019, 26, 559-569.	5.3	15
28	Organotins in obesity and associated metabolic disturbances. Journal of Inorganic Biochemistry, 2019, 191, 49-59.	3.5	10
29	Hair Trace Element Levels in Han and Indigenous Hualien Inhabitants in Taiwan. Biological Trace Element Research, 2019, 191, 1-9.	3.5	8
30	Hair Trace Elements in Overweight and Obese Adults in Association with Metabolic Parameters. Biological Trace Element Research, 2018, 186, 12-20.	3.5	29
31	Comparative effects of meso-2,3-dimercaptosuccinic acid, monensin and salinomycin on the concentrations of cadmium and some essential elements in skeletal muscles of Cd-exposed mice. Journal of Trace Elements in Medicine and Biology, 2018, 50, 596-600.	3.0	3
32	Cadmium and atherosclerosis: A review of toxicological mechanisms and a meta-analysis of epidemiologic studies. Environmental Research, 2018, 162, 240-260.	7.5	159
33	Chelator combination as therapeutic strategy in mercury and lead poisonings. Coordination Chemistry Reviews, 2018, 358, 1-12.	18.8	45
34	The role of the thioredoxin/thioredoxin reductase system in the metabolic syndrome: towards a possible prognostic marker?. Cellular and Molecular Life Sciences, 2018, 75, 1567-1586.	5.4	63
35	Gut as a target for cadmium toxicity. Environmental Pollution, 2018, 235, 429-434.	7.5	156
36	Trace element levels are associated with neuroinflammatory markers in children with autistic spectrum disorder. Journal of Trace Elements in Medicine and Biology, 2018, 50, 622-628.	3.0	21

#	Article	IF	Citations
37	Whole blood and hair trace elements and minerals in children living in metal-polluted area near copper smelter in Karabash, Chelyabinsk region, Russia. Environmental Science and Pollution Research, 2018, 25, 2014-2020.	5.3	20
38	Hair Trace Element and Electrolyte Content in Women with Natural and In Vitro Fertilization-Induced Pregnancy. Biological Trace Element Research, 2018, 181, 1-9.	3.5	11
39	ICP-DRC-MS analysis of serum essential and toxic element levels in postmenopausal prediabetic women in relation to glycemic control markers. Journal of Trace Elements in Medicine and Biology, 2018, 50, 430-434.	3.0	7
40	Zinc deficiency as a mediator of toxic effects of alcohol abuse. European Journal of Nutrition, 2018, 57, 2313-2322.	3.9	39
41	The Level of Toxic Elements in Edible Crops from Seleniferous Area (Punjab, India). Biological Trace Element Research, 2018, 184, 523-528.	3.5	10
42	Comparative Hair Trace Element Profile in the Population of Sakhalin and Taiwan Pacific Islands. Biological Trace Element Research, 2018, 184, 308-316.	3.5	9
43	Selenium in Ischemic Stroke. Molecular and Integrative Toxicology, 2018, , 211-230.	0.5	5
44	Selenium and Autism Spectrum Disorder. Molecular and Integrative Toxicology, 2018, , 193-210.	0.5	3
45	Toxicological and nutritional status of trace elements in hair of women with in vitro fertilization (IVF) pregnancy and their 9-month-old children. Reproductive Toxicology, 2018, 82, 50-56.	2.9	5
46	Copper and zinc levels in soil, water, wheat, and hair of inhabitants of three areas of the Orenburg region, Russia. Environmental Research, 2018, 166, 158-166.	7.5	18
47	Interactive effects of age and gender on levels of toxic and potentially toxic metals in children hair in different urban environments. International Journal of Environmental Analytical Chemistry, 2018, 98, 520-535.	3.3	11
48	Synergistic effect of selenium and UV-B radiation in enhancing antioxidant level of wheatgrass grown from selenium rich wheat. Journal of Food Biochemistry, 2018, 42, e12577.	2.9	14
49	Assessment of hair metal levels in aluminium plant workers using scalp hair ICP-DRC-MS analysis. Journal of Trace Elements in Medicine and Biology, 2018, 50, 658-663.	3.0	12
50	Toxic metal(loid)-based pollutants and their possible role in autism spectrum disorder. Environmental Research, 2018, 166, 234-250.	7.5	77
51	V. Congress of the Russian Society for Trace Elements in Medicine (RUSTEM). Trace Elements and Electrolytes, 2018, 35, 249-254.	0.1	1
52	Gender-specific differences in hair rare trace element content in children with Downâ€™s syndrome. Trace Elements and Electrolytes, 2018, 35, 232-234.	0.1	0
53	The level of toxic and essential trace elements in hair of petrochemical workers involved in different technological processes. Environmental Science and Pollution Research, 2017, 24, 5576-5584.	5.3	16
54	Serum trace elements are interrelated with hormonal imbalance in men with acute ischemic stroke. Journal of Trace Elements in Medicine and Biology, 2017, 43, 142-147.	3.0	13

#	Article	IF	Citations
55	Serum trace elements are associated with hemostasis, lipid spectrum and inflammatory markers in men suffering from acute ischemic stroke. Metabolic Brain Disease, 2017, 32, 779-788.	2.9	31
56	Interactions of iron with manganese, zinc, chromium, and selenium as related to prophylaxis and treatment of iron deficiency. Journal of Trace Elements in Medicine and Biology, 2017, 41, 41-53.	3.0	87
57	Comparative analysis and the coverage intervals of hair rare metal content in two Russian industrial centres. International Journal of Environmental Analytical Chemistry, 2017, 97, 520-533.	3.3	4
58	Boron â€“ A potential goiterogen?. Medical Hypotheses, 2017, 104, 63-67.	1.5	12
59	The role of cadmium in obesity and diabetes. Science of the Total Environment, 2017, 601-602, 741-755.	8.0	191
60	Assessment of gender and age effects on serum and hair trace element levels in children with autism spectrum disorder. Metabolic Brain Disease, 2017, 32, 1675-1684.	2.9	34
61	Serum Trace Elements and Electrolytes Are Associated with Fasting Plasma Glucose and HbA1c in Postmenopausal Women with Type 2 Diabetes Mellitus. Biological Trace Element Research, 2017, 177, 25-32.	3.5	22
62	Analysis of Hair Trace Elements in Children with Autism Spectrum Disorders and Communication Disorders. Biological Trace Element Research, 2017, 177, 215-223.	3.5	39
63	Molecular interaction between mercury and selenium in neurotoxicity. Coordination Chemistry Reviews, 2017, 332, 30-37.	18.8	108
64	Hair toxic and essential trace elements in children with autism spectrum disorder. Metabolic Brain Disease, 2017, 32, 195-202.	2.9	64
65	Assessment of serum trace elements and electrolytes in children with childhood and atypical autism. Journal of Trace Elements in Medicine and Biology, 2017, 43, 9-14.	3.0	42
66	Serum copper, zinc, and iron levels, and markers of carbohydrate metabolism in postmenopausal women with prediabetes and type 2 diabetes mellitus. Journal of Trace Elements in Medicine and Biology, 2017, 43, 46-51.	3.0	27
67	Mercury as a possible link between maternal obesity and autism spectrum disorder. Medical Hypotheses, 2016, 91, 90-94.	1.5	14
68	Hair Trace Elements are Associated with Increased Thyroid Volume in Schoolchildren with Goiter. Biological Trace Element Research, 2016, 174, 261-266.	3.5	13
69	Selenium Antagonism with Mercury and Arsenic: From Chemistry to Population Health and Demography. , 2016, , 401-412.		8
70	Age-related differences in hair trace elements: a cross-sectional study in Orenburg, Russia. Annals of Human Biology, 2016, 43, 438-444.	1.0	31
71	Serum electrolytes are associated with markers of neural damage in transient ischemic attack and ischemic stroke patients. Trace Elements and Electrolytes, 2016, , .	0.1	1
72	Reference values of hair toxic trace elements content in occupationally non-exposed Russian population. Environmental Toxicology and Pharmacology, 2015, 40, 18-21.	4.0	56

#	Article	IF	Citations
73	Mercury and metabolic syndrome: a review of experimental and clinical observations. BioMetals, 2015, 28, 231-254.	4.1	84
74	Alteration of local adipose tissue trace element homeostasis as a possible mechanism of obesity-related insulin resistance. Medical Hypotheses, 2015, 85, 343-347.	1.5	31
75	Hair concentration of essential trace elements in adult non-exposed Russian population. Environmental Monitoring and Assessment, 2015, 187, 677.	2.7	42
76	Mutual interaction between iron homeostasis and obesity pathogenesis. Journal of Trace Elements in Medicine and Biology, 2015, 30, 207-214.	3.0	53
77	Association between semen quality and level of 20 essential and toxic metals in ejaculate. Trace Elements and Electrolytes, 2015, 32, 126-132.	0.1	3
78	Hair ultra-trace elements in relation to age and body mass index in adult women. Journal of Elementology, 2015, , .	0.2	2
79	Hair Mercury Association with Selenium, Serum Lipid Spectrum, and Gamma-Glutamyl Transferase Activity in Adults. Biological Trace Element Research, 2014, 161, 255-262.	3.5	9
80	Hair Toxic Element Content in Adult Men and Women in Relation to Body Mass Index. Biological Trace Element Research, 2014, 161, 13-19.	3.5	44
81	Hair trace element contents in women with obesity and type 2 diabetes. Journal of Trace Elements in Medicine and Biology, 2007, 21, 59-61.	3.0	57
82	Copper Deficiency a New Reason of Androgenetic Alopecia?. , 0, , .		4