

Hajo Haase

List of Publications by Year in descending order

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138
papers

8,407
citations

61857

43
h-index

49773

87
g-index

141
all docs

141
docs citations

141
times ranked

9367
citing authors

#	ARTICLE	IF	CITATIONS
1	The Essential Toxin: Impact of Zinc on Human Health. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 1342-1365.	1.2	1,047
2	Functions of zinc in signaling, proliferation and differentiation of mammalian cells. <i>BioMetals</i> , 2001, 14, 331-341.	1.8	531
3	Functional Significance of Zinc-Related Signaling Pathways in Immune Cells. <i>Annual Review of Nutrition</i> , 2009, 29, 133-152.	4.3	274
4	Zinc homeostasis and immunity. <i>Trends in Immunology</i> , 2007, 28, 1-4.	2.9	249
5	Zinc Signals Are Essential for Lipopolysaccharide-Induced Signal Transduction in Monocytes. <i>Journal of Immunology</i> , 2008, 181, 6491-6502.	0.4	247
6	Intracellular zinc fluctuations modulate protein tyrosine phosphatase activity in insulin/insulin-like growth factor-1 signaling. <i>Experimental Cell Research</i> , 2003, 291, 289-298.	1.2	246
7	The immune system and the impact of zinc during aging. <i>Immunity and Ageing</i> , 2009, 6, 9.	1.8	233
8	Zinc and immunity: An essential interrelation. <i>Archives of Biochemistry and Biophysics</i> , 2016, 611, 58-65.	1.4	221
9	Zinc signals and immune function. <i>BioFactors</i> , 2014, 40, 27-40.	2.6	218
10	A Guide to Human Zinc Absorption: General Overview and Recent Advances of In Vitro Intestinal Models. <i>Nutrients</i> , 2020, 12, 762.	1.7	172
11	Multiple impacts of zinc on immune function. <i>Metallomics</i> , 2014, 6, 1175.	1.0	168
12	Modulating the immune response by oral zinc supplementation: a single approach for multiple diseases. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2008, 56, 15-30.	1.0	164
13	Zinc supplementation for the treatment or prevention of disease: Current status and future perspectives. <i>Experimental Gerontology</i> , 2008, 43, 394-408.	1.2	155
14	Protein Tyrosine Phosphatases as Targets of the Combined Insulinomimetic Effects of Zinc and Oxidants. <i>BioMetals</i> , 2005, 18, 333-338.	1.8	150
15	Flow cytometric measurement of labile zinc in peripheral blood mononuclear cells. <i>Analytical Biochemistry</i> , 2006, 352, 222-230.	1.1	150
16	Zinc signals promote IL-2-dependent proliferation of T cells. <i>European Journal of Immunology</i> , 2010, 40, 1496-1503.	1.6	141
17	Zinc-Mediated Inhibition of Cyclic Nucleotide Phosphodiesterase Activity and Expression Suppresses TNF- α and IL-1 β Production in Monocytes by Elevation of Guanosine 3',5'-Cyclic Monophosphate. <i>Journal of Immunology</i> , 2005, 175, 4697-4705.	0.4	140
18	Correlation between zinc status and immune function in the elderly. <i>Biogerontology</i> , 2006, 7, 421-428.	2.0	137

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19	Zinc-Dependent Suppression of TNF- α Production Is Mediated by Protein Kinase A-Induced Inhibition of Raf-1, I κ B Kinase β , and NF- κ B. <i>Journal of Immunology</i> , 2007, 179, 4180-4186.	0.4	134
20	Signal transduction in monocytes: the role of zinc ions. <i>BioMetals</i> , 2007, 20, 579-585.	1.8	127
21	Zinc deficiency induces production of the proinflammatory cytokines IL-1 β and TNF- α in promyeloid cells via epigenetic and redox-dependent mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 289-297.	1.9	114
22	Differential Regulation of TLR-Dependent MyD88 and TRIF Signaling Pathways by Free Zinc Ions. <i>Journal of Immunology</i> , 2013, 191, 1808-1817.	0.4	109
23	Induction of apoptosis in mammalian cells by cadmium and zinc. <i>Environmental Health Perspectives</i> , 2002, 110, 865-867.	2.8	104
24	Fluctuations of cellular, available zinc modulate insulin signaling via inhibition of protein tyrosine phosphatases. <i>Journal of Trace Elements in Medicine and Biology</i> , 2005, 19, 37-42.	1.5	102
25	Induction of Apoptosis in Mammalian Cells by Cadmium and Zinc. <i>Environmental Health Perspectives</i> , 2002, 110, 865-867.	2.8	100
26	Zinc signals in neutrophil granulocytes are required for the formation of neutrophil extracellular traps. <i>Innate Immunity</i> , 2013, 19, 253-264.	1.1	89
27	Zinc supplementation induces regulatory T cells by inhibition of Sirt6 deacetylase in mixed lymphocyte cultures. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 661-671.	1.5	89
28	T-Lymphocytes: A Target for Stimulatory and Inhibitory Effects of Zinc Ions. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2009, 9, 132-144.	0.6	87
29	Intracellular zinc distribution and transport in C6 rat glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 923-928.	1.0	85
30	The ligand environment of zinc stored in vesicles. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 198-203.	1.0	79
31	Effect of Different Drying Methods on Nutrient Quality of the Yellow Mealworm (<i>Tenebrio molitor</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 1.0 75	1.0	75
32	The biochemical effects of extracellular Zn ²⁺ and other metal ions are severely affected by their speciation in cell culture media. <i>Metallomics</i> , 2015, 7, 102-111.	1.0	74
33	Differential impact of zinc deficiency on phagocytosis, oxidative burst, and production of pro-inflammatory cytokines by human monocytes. <i>Metallomics</i> , 2014, 6, 1288.	1.0	73
34	Susceptibility to tuberculosis is associated with TLR1 polymorphisms resulting in a lack of TLR1 cell surface expression. <i>Journal of Leukocyte Biology</i> , 2011, 90, 377-388.	1.5	71
35	Impact of perfluorooctanesulfonate and perfluorooctanoic acid on human peripheral leukocytes. <i>Toxicology in Vitro</i> , 2011, 25, 960-968.	1.1	70
36	Interactions of zinc- and redox-signaling pathways. <i>Redox Biology</i> , 2021, 41, 101916.	3.9	67

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37	Cellular zinc homeostasis is a regulator in monocyte differentiation of HL-60 cells by 1 α ,25-dihydroxyvitamin D ₃ . <i>Journal of Leukocyte Biology</i> , 2010, 87, 833-844.	1.5	66
38	Chelation of Free Zn ²⁺ Impairs Chemotaxis, Phagocytosis, Oxidative Burst, Degranulation, and Cytokine Production by Neutrophil Granulocytes. <i>Biological Trace Element Research</i> , 2016, 171, 79-88.	1.9	66
39	The noble gas argon modifies extracellular signal-regulated kinase 1/2 signaling in neurons and glial cells. <i>European Journal of Pharmacology</i> , 2012, 674, 104-111.	1.7	64
40	Uptake and intracellular distribution of labile and total Zn(II) in C6 rat glioma cells investigated with fluorescent probes and atomic absorption. , 1999, 12, 247-254.		61
41	PTEN-inhibition by zinc ions augments interleukin-2-mediated Akt phosphorylation. <i>Metallomics</i> , 2014, 6, 1277.	1.0	59
42	Zinc and Sepsis. <i>Nutrients</i> , 2018, 10, 976.	1.7	56
43	Persistent low serum zinc is associated with recurrent sepsis in critically ill patients - A pilot study. <i>PLoS ONE</i> , 2017, 12, e0176069.	1.1	51
44	A differential assay for the reduced and oxidized states of metallothionein and thionein. <i>Analytical Biochemistry</i> , 2004, 333, 19-26.	1.1	47
45	Comparison of methods for determining the effectiveness of antibacterial functionalized textiles. <i>PLoS ONE</i> , 2017, 12, e0188304.	1.1	47
46	Trace element profile and incidence of type 2 diabetes, cardiovascular disease and colorectal cancer: results from the EPIC-Potsdam cohort study. <i>European Journal of Nutrition</i> , 2021, 60, 3267-3278.	1.8	47
47	Impact of Silver Nanoparticles and Silver Ions on Innate Immune Cells. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1146-1156.	0.5	44
48	Differential Gene Expression after Zinc Supplementation and Deprivation in Human Leukocyte Subsets. <i>Molecular Medicine</i> , 2007, 13, 362-370.	1.9	43
49	Coatings with metallic effect pigments for antimicrobial and conductive coating of textiles with electromagnetic shielding properties. <i>Journal of Coatings Technology Research</i> , 2014, 11, 943-957.	1.2	43
50	Zn ²⁺ and Cd ²⁺ increase the cyclic GMP level in PC12 cells by inhibition of the cyclic nucleotide phosphodiesterase. <i>Toxicology</i> , 2001, 157, 167-175.	2.0	42
51	Zinc Induces Apoptosis That Can Be Suppressed by Lanthanum in C6 Rat Glioma Cells. <i>Biological Chemistry</i> , 2001, 382, 1227-1234.	1.2	41
52	Parameters Influencing Zinc in Experimental Systems in Vivo and in Vitro. <i>Metals</i> , 2016, 6, 71.	1.0	40
53	Alginate aerogels carrying calcium, zinc and silver cations for wound care: Fabrication and metal detection. <i>Journal of Supercritical Fluids</i> , 2019, 153, 104545.	1.6	40
54	The Synthetic Antimicrobial Peptide 19-2.5 Interacts with Heparanase and Heparan Sulfate in Murine and Human Sepsis. <i>PLoS ONE</i> , 2015, 10, e0143583.	1.1	39

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55	The crux of inept biomarkers for risks and benefits of trace elements. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 104, 183-190.	5.8	39
56	Zinc differentially regulates mitogen-activated protein kinases in human T cells. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 18-26.	1.9	38
57	A short 18 items food frequency questionnaire biochemically validated to estimate zinc status in humans. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 285-295.	1.5	34
58	Ethylmercury and Hg ²⁺ induce the formation of neutrophil extracellular traps (NETs) by human neutrophil granulocytes. <i>Archives of Toxicology</i> , 2016, 90, 543-550.	1.9	33
59	A Zinpyr-1-based Fluorimetric Microassay for Free Zinc in Human Serum. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4006.	1.8	31
60	Peptide 19-2.5 Inhibits Heparan Sulfate-Triggered Inflammation in Murine Cardiomyocytes Stimulated with Human Sepsis Serum. <i>PLoS ONE</i> , 2015, 10, e0127584.	1.1	31
61	Innate Immune Cells Speak Manganese. <i>Immunity</i> , 2018, 48, 616-618.	6.6	30
62	Partial oxidation and oxidative polymerization of metallothionein. <i>Electrophoresis</i> , 2008, 29, 4169-4176.	1.3	29
63	Cadmium ions induce monocytic production of tumor necrosis factor-alpha by inhibiting mitogen activated protein kinase dephosphorylation. <i>Toxicology Letters</i> , 2010, 198, 152-158.	0.4	29
64	Revised D-A-CH-reference values for the intake of zinc. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 61, 126536.	1.5	29
65	Alterations in zinc binding capacity, free zinc levels and total serum zinc in a porcine model of sepsis. <i>BioMetals</i> , 2015, 28, 693-700.	1.8	28
66	Effect pigments for textile coating: a review of the broad range of advantageous functionalization. <i>Journal of Coatings Technology Research</i> , 2017, 14, 35-55.	1.2	28
67	Youâ€™d Better Zincâ€™ Trace Element Homeostasis in Infection and Inflammation. <i>Nutrients</i> , 2019, 11, 2078.	1.7	28
68	Expression analysis following argon treatment in an in vivo model of transient middle cerebral artery occlusion in rats. <i>Medical Gas Research</i> , 2014, 4, 11.	1.2	27
69	Zinc Deficiency Disturbs Mucin Expression, O-Glycosylation and Secretion by Intestinal Goblet Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6149.	1.8	27
70	Modification of algae with zinc, copper and silver ions for usage as natural composite for antibacterial applications. <i>Materials Science and Engineering C</i> , 2013, 33, 979-983.	3.8	26
71	Immunotoxicity Monitoring in a Population Exposed to Polychlorinated Biphenyls. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 295.	1.2	25
72	Spatial mapping of metals in tissue-sections using combination of mass-spectrometry and histology through image registration. <i>Scientific Reports</i> , 2017, 7, 40169.	1.6	25

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73	In Vitro Studies on Zinc Binding and Buffering by Intestinal Mucins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2662.	1.8	25
74	Comparison of the effects of xenon and sevoflurane anaesthesia on leucocyte function in surgical patients: a randomized trial – This article is accompanied by Editorial III.. <i>British Journal of Anaesthesia</i> , 2014, 112, 272-280.	1.5	24
75	Zinc ions cause the thimerosal-induced signal of fluorescent calcium probes in lymphocytes. <i>Cell Calcium</i> , 2009, 45, 185-191.	1.1	22
76	Impact of allicin on macrophage activity. <i>Food Chemistry</i> , 2012, 134, 141-148.	4.2	21
77	Influencing the adhesion properties and wettability of mucin protein films by variation of the environmental pH. <i>Scientific Reports</i> , 2018, 8, 9660.	1.6	21
78	Chitosan-modified silica sol applications for the treatment of textile fabrics: a view on hydrophilic, antistatic and antimicrobial properties. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 461-470.	1.1	21
79	Comparison of the effectiveness of different silver-containing textile products on bacteria and human cells. <i>Journal of the Textile Institute</i> , 2012, 103, 1262-1266.	1.0	20
80	Alkali Phosphonate Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 11214-11217.	1.7	20
81	Free Zinc as a Predictive Marker for COVID-19 Mortality Risk. <i>Nutrients</i> , 2022, 14, 1407.	1.7	20
82	Impact of lead and mercuric ions on the interleukin-2-dependent proliferation and survival of T cells. <i>Archives of Toxicology</i> , 2013, 87, 249-258.	1.9	19
83	Dendrimer stabilized silver particles for the antimicrobial finishing of textiles. <i>Journal of the Textile Institute</i> , 2013, 104, 1042-1048.	1.0	19
84	Xenon Enhances LPS-Induced IL-1 β Expression in Microglia via the Extracellular Signal-Regulated Kinase 1/2 Pathway. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 48-59.	1.1	18
85	Influence of DNA-methylation on zinc homeostasis in myeloid cells: Regulation of zinc transporters and zinc binding proteins. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 37, 125-133.	1.5	18
86	Ca-Zn-Ag Alginate Aerogels for Wound Healing Applications: Swelling Behavior in Simulated Human Body Fluids and Effect on Macrophages. <i>Polymers</i> , 2020, 12, 2741.	2.0	18
87	Mercuric ions inhibit mitogen-activated protein kinase dephosphorylation by inducing reactive oxygen species. <i>Toxicology and Applied Pharmacology</i> , 2011, 250, 78-86.	1.3	17
88	The impact of apical and basolateral albumin on intestinal zinc resorption in the Caco-2/HT-29-MTX co-culture model. <i>Metallomics</i> , 2018, 10, 979-991.	1.0	17
89	Toxicity Assay for Citrinin, Zearalenone and Zearalenone-14-Sulfate Using the Nematode <i>Caenorhabditis elegans</i> as Model Organism. <i>Toxins</i> , 2018, 10, 284.	1.5	17
90	Zn homeostasis in genetic models of Parkinson's disease in <i>Caenorhabditis elegans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 55, 44-49.	1.5	16

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91	An Element of Life: Competition for Zinc in Host-Pathogen Interaction. <i>Immunity</i> , 2013, 39, 623-624.	6.6	15
92	Coating process for antimicrobial textile surfaces derived from a polyester dyeing process. <i>Journal of Coatings Technology Research</i> , 2015, 12, 1133-1141.	1.2	15
93	N-cadherin-mediated cell adhesion is regulated by extracellular Zn ²⁺ . <i>Metallomics</i> , 2015, 7, 355-362.	1.0	15
94	Zinc chelation decreases IFN- γ -induced STAT1 upregulation and iNOS expression in RAW 264.7 macrophages. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 76-82.	1.5	15
95	Bioimaging of the elemental distribution in cocoa beans by means of LA-ICP-TQMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 187-194.	1.6	15
96	Preparation of Silver Nanoparticles Suitable for Textile Finishing Processes to Produce Textiles with Strong Antibacterial Properties against Different Bacteria Types. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 905-916.	0.3	14
97	Hydroxyl functional polyester dendrimers as stabilizing agent for preparation of colloidal silver particles—a study in respect to antimicrobial properties and toxicity against human cells. <i>Colloid and Polymer Science</i> , 2012, 290, 1413-1421.	1.0	14
98	Sarcosine is a prostate epigenetic modifier that elicits aberrant methylation patterns through the SAM \rightarrow DNMTs axis. <i>Molecular Oncology</i> , 2019, 13, 1002-1017.	2.1	14
99	Aging affects sex- and organ-specific trace element profiles in mice. <i>Aging</i> , 2020, 12, 13762-13790.	1.4	14
100	Effects of long-term zinc supplementation and deprivation on gene expression in human THP-1 mononuclear cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2008, 22, 325-336.	1.5	13
101	Lead ions abrogate lipopolysaccharide-induced nitric monoxide toxicity by reducing the expression of STAT1 and iNOS. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 37, 117-124.	1.5	13
102	Zinc availability from zinc-enriched yeast studied with an in vitro digestion/Caco-2 cell culture model. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126934.	1.5	12
103	Nitric Oxide Inhibits the Cochaperone Activity of the RING Finger-like Protein Dnaj. <i>Nitric Oxide - Biology and Chemistry</i> , 2001, 5, 289-295.	1.2	11
104	Application of Zinpyr-1 for the investigation of zinc signals in Escherichia coli. <i>BioMetals</i> , 2013, 26, 167-177.	1.8	11
105	<i>Immunologie für Einsteiger</i> , 2015, , .		10
106	Systematic Studies on the Antioxidant Capacity and Volatile Compound Profile of Yellow Mealworm Larvae (<i>T. molitor</i> L.) under Different Drying Regimes. <i>Insects</i> , 2022, 13, 166.	1.0	10
107	Serum Free Zinc Is Associated With Vaccination Response to SARS-CoV-2. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
108	Characterization of Caco-2 cells stably expressing the protein-based zinc probe eCalwy-5 as a model system for investigating intestinal zinc transport. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 296-304.	1.5	9

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109	Fluorescent Arylphosphonic Acids: Synergic Interactions between Bone and the Fluorescent Core. Chemistry - A European Journal, 2020, 26, 11129-11134.	1.7	9
110	Cadmium ions promote monocytic differentiation of human leukemia HL-60 cells treated with 1 α ,25-dihydroxyvitamin D ₃ . Biological Chemistry, 2010, 391, 1295-303.	1.2	8
111	Electrochemical simulation of biotransformation reactions of citrinin and dihydroergocristine compared to UV irradiation and Fenton-like reaction. Analytical and Bioanalytical Chemistry, 2017, 409, 4037-4045.	1.9	8
112	Comparison of Free Zinc Levels Determined by Fluorescent Probes in THP1 Cells Using Microplate Reader and Flow Cytometer. Biological Trace Element Research, 2021, 199, 2414-2419.	1.9	8
113	Ageing-associated effects of a long-term dietary modulation of four trace elements in mice. Redox Biology, 2021, 46, 102083.	3.9	7
114	Mimicking cellular phospholipid bilayer packing creates predictable crystalline molecular metal-organophosphonate macrocycles and cages. CrystEngComm, 2018, 20, 2152-2158.	1.3	6
115	Complexes of the Mycotoxins Citrinin and Ochratoxin A with Aluminum Ions and their Spectroscopic Properties. Toxins, 2018, 10, 538.	1.5	6
116	Das essenzielle Spurenelement Zink. Ein Metall in Biologie und Medizin. Biologie in Unserer Zeit, 2010, 40, 314-321.	0.3	5
117	Polyvinylamine application for functionalization of polyethylene fiber materials. Journal of the Textile Institute, 2017, 108, 615-621.	1.0	5
118	Hydroxylation and dimerization of zearalenone: comparison of chemical, enzymatic and electrochemical oxidation methods. World Mycotoxin Journal, 2017, 10, 297-307.	0.8	5
119	Functions of zinc in signaling, proliferation and differentiation of mammalian cells. , 2001, , 145-155.		5
120	The Regulatory and Signaling Functions of Zinc Ions in Human Cellular Physiology. , 2010, , 181-212.		4
121	Antimicrobial Coatings Obtained by Sol-Gel Method. , 2016, , 1-27.		3
122	Dietary zinc enrichment reduces the cadmium burden of mealworm beetle (Tenebrio molitor) larvae. Scientific Reports, 2020, 10, 20033.	1.6	3
123	Arylphosphonate-Tethered Porphyrins: Fluorescence Silencing Speaks a Metal Language in Living Enterocytes**. ChemBioChem, 2021, 22, 1925-1931.	1.3	3
124	Cleaving Ergot Alkaloids by Hydrazinolysis-A Promising Approach for a Sum Parameter Screening Method. Toxins, 2021, 13, 342.	1.5	3
125	Antimicrobial Coatings Obtained by Sol-Gel Method. , 2018, , 3461-3487.		2
126	Microwave Assisted Conversion of an Amino Acid Into a Fluorescent Solution. Acta Chimica Slovenica, 2018, 65, 865-874.	0.2	2

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127	Impact of Media Heat Treatment on Cell Morphology and Stability of <i>L. acidophilus</i> , <i>L. johnsonii</i> and <i>L. delbrueckii</i> subsp. <i>delbrueckii</i> during Fermentation and Processing. <i>Fermentation</i> , 2020, 6, 94.	1.4	1
128	Time- and Zinc-Related Changes in Biomechanical Properties of Human Colorectal Cancer Cells Examined by Atomic Force Microscopy. <i>Biology</i> , 2020, 9, 468.	1.3	1
129	Einfluss auf das Immunsystem. , 2012, , 247-261.		1
130	Microwave Assisted Conversion of an Amino Acid into a Fluorescent Solution. <i>Acta Chimica Slovenica</i> , 2018, 65, 865-874.	0.2	1
131	The CRECHE study: testing the urban myth that chocolate Santa Clauses are re-wrapped Easter Bunnies. <i>Medical Journal of Australia</i> , 2021, 215, 531-535.	0.8	1
132	Zinc Signals and Immune Function. , 2017, , 261-271.		0
133	Synthesis and Structural Identification of a Biaryl Ether-Linked Zearalenone Dimer. <i>Molecules</i> , 2018, 23, 2624.	1.7	0
134	Zinc as an Alternative Signal to Calcium. <i>FASEB Journal</i> , 2009, 23, LB408.	0.2	0
135	Molekulare Immunologie. , 2012, , 105-118.		0
136	Molekulare Immunologie. , 2015, , 89-100.		0
137	Zinc and the Altered Immune System in the Elderly. , 2007, , 121-128.		0
138	Investigating copper levels via instrumental analytics and fluorescent dyes in <i>Caenorhabditis elegans</i> . <i>Lebensmittelchemie</i> , 2022, 76, .	0.0	0