Yasumitsu Ogra

List of Publications by Year
in descending order

158	4,916	109321	114465
papers	citations	35 h-index	63 g-index

161	161	161	3921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Dimethylarsinous and Monomethylarsonous Acids in Human Urine of the Arsenic-Affected Areas in West Bengal, India. Chemical Research in Toxicology, 2001, 14, 371-378.	3.3	305
2	Selenosugars are key and urinary metabolites for selenium excretion within the required to low-toxic range. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15932-15936.	7.1	261
3	Speciation of arsenic in human nail and hair from arsenic-affected area by HPLC-inductively coupled argon plasma mass spectrometry. Toxicology and Applied Pharmacology, 2003, 189, 73-83.	2.8	164
4	Speciation of arsenic in biological samples. Toxicology and Applied Pharmacology, 2004, 198, 307-318.	2.8	156
5	Metabolic pathway for selenium in the body: speciation by HPLC-ICP MS with enriched Se. Food Additives and Contaminants, 2002, 19, 974-983.	2.0	131
6	Heavy metal tolerance of transgenic tobacco plants over-expressing cysteine synthase. Biotechnology Letters, 2004, 26, 153-157.	2.2	127
7	Identification of a novel selenium metabolite, Se-methyl-N-acetylselenohexosamine, in rat urine by high-performance liquid chromatographyâ€“inductively coupled plasma mass spectrometry and â€“electrospray ionization tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 767, 301-312.	2.3	124
8	Determination of Selenomethionine and Selenocysteine in Human Serum Using Speciated Isotope Dilution-Capillary HPLCâ^'Inductively Coupled Plasma Collision Cell Mass Spectrometry. Analytical Chemistry, 2004, 76, 6635-6642.	6.5	106
9	Transcriptional activity and regulatory protein binding of metal-responsive elements of the human metallothionein-IIA gene. FEBS Journal, 2001, 259, 635-642.	0.2	105
10	Dimethylthioarsenicals as Arsenic Metabolites and Their Chemical Preparations. Chemical Research in Toxicology, 2004, 17, 914-921.	3.3	101
11	Speciation of arsenic in body fluids. Talanta, 2002, 58, 111-119.	5.5	96
12	Mitochondria Are the Main Target Organelle for Trivalent Monomethylarsonous Acid (MMA^{III})-Induced Cytotoxicity. Chemical Research in Toxicology, 2011, 24, 1094-1103.	3.3	96
13	Glutathione-conjugated Arsenics in the Potential Hepato-enteric Circulation in Rats. Chemical Research in Toxicology, 2001, 14, 1604-1611.	3.3	94
14	Speciation of selenium in selenium-enriched shiitake mushroom, Lentinula edodes. Analytical and Bioanalytical Chemistry, 2004, 379, 861-866.	3.7	94
15	Roles of metallothionein in copper homeostasis: responses to Cu-deficient diets in mice. Journal of Inorganic Biochemistry, 2002, 88, 173-182.	3.5	84
16	Selenosugar and trimethylselenonium among urinary Se metabolites: dose- and age-related changes. Toxicology and Applied Pharmacology, 2005, 206, 1-8.	2.8	83
17	Improvement of the solubility and emulsifying properties of rice bran protein by phosphorylation with sodium trimetaphosphate. Food Hydrocolloids, 2019, 96, 288-299.	10.7	79
18	Animal Species Difference in the Uptake of Dimethylarsinous Acid (DMAIII) by Red Blood Cells. Chemical Research in Toxicology, 2001, 14, 1446-1452.	3.3	77

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19	Liquid chromatographyâ€“mass spectrometry (LCâ€“MS): a powerful combination for selenium speciation in garlic (Allium sativum). Analytical and Bioanalytical Chemistry, 2006, 384, 1196-1206.	3.7	77
20	Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells. Toxicology and Applied Pharmacology, 2009, 238, 133-140.	2.8	75
21	Selenometabolomics: Identification of selenometabolites and specification of their biological significance by complementary use of elemental and molecular mass spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1477.	3.0	70
22	Speciation and metabolism of selenium injected with 82Se-enriched selenite and selenate in rats. Biomedical Applications, 2001, 760, 73-81.	1.7	69
23	Identification of selenohomolanthionine in selenium-enriched Japanese pungent radish. Journal of Analytical Atomic Spectrometry, 2007, 22, 1390.	3.0	65
24	Simultaneous speciation of selenium and sulfur species in selenized odorless garlic (Allium sativum L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chromatography A, 2005, 1093, 118-125.	3.7	61
25	Negative Regulatory Role of Sp1 in Metal Responsive Element-mediated Transcriptional Activation. Journal of Biological Chemistry, 2001, 276, 16534-16539.	3.4	60
26	Bioavailability Comparison of Nine Bioselenocompounds In Vitro and In Vivo. International Journal of Molecular Sciences, 2017, 18, 506.	4.1	60
27	Roles of zinc fingers and other regions of the transcription factor human MTF-1 in zinc-regulated DNA binding. Journal of Cellular Physiology, 2000, 185, 464-472.	4.1	50
28	Nuclear trafficking of metallothionein requires oxidation of a cytosolic partner. Journal of Cellular Physiology, 2005, 202, 563-569.	4.1	49
29	Speciation of metabolites of selenate in rats by HPLC-ICP-MS. Analyst, The, 1999, 124, 1237-1241.	3.5	46
30	Distributions and chemical forms of arsenic after intravenous administration of dimethylarsinic and monomethylarsonic acids to rats. Toxicology and Applied Pharmacology, 2004, 198, 336-344.	2.8	45
31	Effects of deuterium in octopole reaction and collision cell ICP-MS on detection of selenium in extracellular fluids. Analytica Chimica Acta, 2005, 554, 123-129.	5.4	44
32	Roles of COMM-domain-containing 1 in stability and recruitment of the copper-transporting ATPase in a mouse hepatoma cell line. Biochemical Journal, 2010, 429, 53-61.	3.7	41
33	Incorporation of selenium into selenoprotein P and extracellular glutathione peroxidase: HPLC-ICPMS data with enriched selenite. Analyst, The, 1999, 124, 1749-1754.	3.5	36
34	Copper accumulation and compartmentalization in mouse fibroblast lacking metallothionein and copper chaperone, Atox1. Toxicology and Applied Pharmacology, 2009, 237, 205-213.	2.8	35
35	Detoxification of Selenite to Form Selenocyanate in Mammalian Cells. Chemical Research in Toxicology, 2015, 28, 1803-1814.	3.3	35
36	Excretion of copper complexed with thiomolybdate into the bile and blood in LEC rats. Chemico-Biological Interactions, 2000, 124, 217-231.	4.0	34

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37	Cooperative Functions of ZnT1, Metallothionein and ZnT4 in the Cytoplasm Are Required for Full Activation of TNAP in the Early Secretory Pathway. PLoS ONE, 2013, 8, e77445.	2.5	34
38	Mechanisms of selective copper removal by tetrathiomolybdate from metallothionein in LEC rats. Toxicology, 1996, 106, 75-83.	4.2	33
39	Comparative mechanism and toxicity of tetra- and dithiomolybdates in the removal of copper. Journal of Inorganic Biochemistry, 1999, 75, 199-204.	3.5	33
40	Generation of thioarsenicals is dependent on the enterohepatic circulation in rats. Metallomics, 2011, 3, 1064.	2.4	33
41	Speciation and identification of low molecular weight selenium compounds in the liver of sea turtles. Journal of Analytical Atomic Spectrometry, 2011, 26, 80-85.	3.0	33
42	Speciation of Selenium in Brown Rice Fertilized with Selenite and Effects of Selenium Fertilization on Rice Proteins. International Journal of Molecular Sciences, 2018, 19, 3494.	4.1	33
43	Targeting of tetrathiomolybdate on the copper accumulating in the liver of LEC rats. Journal of Inorganic Biochemistry, 1998, 70, 49-55.	3.5	32
44	Protective role of metallothionein against copper depletion. Archives of Biochemistry and Biophysics, 2006, 451, 112-118.	3.0	32
45	Comparison of distribution and metabolism between tellurium and selenium in rats. Journal of Inorganic Biochemistry, 2008, 102, 1507-1513.	3.5	32
46	Synchronized generation of reactive oxygen species with the cell cycle. Life Sciences, 2004, 75, 301-311.	4.3	31
47	Toxicometallomics for Research on the Toxicology of Exotic Metalloids Based on Speciation Studies. Analytical Sciences, 2009, 25, 1189-1195.	1.6	31
48	Effect of gut microflora on nutritional availability of selenium. Food Chemistry, 2020, 319, 126537.	8.2	31
49	Metabolism of tellurium, antimony and germanium simultaneously administered to rats. Journal of Toxicological Sciences, 2009, 34, 295-303.	1.5	30
50	Changes in intracellular copper concentration and copper-regulating gene expression after PC12 differentiation into neurons. Scientific Reports, 2016, 6, 33007.	3.3	30
51	Identification and determination of selenohomolanthionine â€“ The major selenium compound in Torula yeast. Food Chemistry, 2017, 237, 1196-1201.	8.2	30
52	A matricellular protein fibulin-4 is essential for the activation of lysyl oxidase. Science Advances, 2020, 6, .	10.3	28
53	Selenometabolomics Explored by Speciation. Biological and Pharmaceutical Bulletin, 2012, 35, 1863-1869.	1.4	27
54	Combretastatin A4-Î²-Galactosyl Conjugates for Ovarian Cancer Prodrug Monotherapy. ACS Medicinal Chemistry Letters, 2017, 8, 211-214.	2.8	27

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55	In vitro translation with [34S]-labeled methionine, selenomethionine, and telluromethionine. Analytical and Bioanalytical Chemistry, 2008, 390, 45-51.	3.7	26
56	Hyperthermia Selectively Destabilizes Oncogenic Fusion Proteins. Blood Cancer Discovery, 2021, 2, 388-401.	5.0	26
57	Oxidative production of monomethylated selenium from the major urinary selenometabolite, selenosugar. Journal of Analytical Atomic Spectrometry, 2003, 18, 1252.	3.0	25
58	Identification of urinary tellurium metabolite in rats administered sodium tellurite. Journal of Analytical Atomic Spectrometry, 2007, 22, 153-157.	3.0	25
59	Integrated strategies for identification of selenometabolites in animal and plant samples. Analytical and Bioanalytical Chemistry, 2008, 390, 1685-1689.	3.7	25
60	Roles of copper chaperone for superoxide dismutase 1 and metallothionein in copper homeostasis. Metallomics, 2011, 3, 693.	2.4	25
61	Speciation and identification of tellurium-containing metabolites in garlic, Allium sativum. Metallomics, 2013, 5, 1215.	2.4	25
62	Metabolic fate of the insoluble copper/tetrathiomolybdate complex formed in the liver of LEC rats with excess tetrathiomolybdate. Journal of Inorganic Biochemistry, 2000, 78, 123-128.	3.5	24
63	Effects of chemical species of selenium on maternal transfer during pregnancy and lactation. Life Sciences, 2009, 84, 888-893.	4.3	24
64	Distribution and metabolism of four different dimethylated arsenicals in hamsters. Toxicology and Applied Pharmacology, 2010, 245, 67-75.	2.8	24
65	Comparison of the metabolism of inorganic and organic selenium species between two selenium accumulator plants, garlic and Indian mustard. Metallomics, 2017, 9, 61-68.	2.4	23
66	Speciation of selenocompounds by capillary HPLC coupled with ICP-MS using multi-mode gel filtration columns. Journal of Analytical Atomic Spectrometry, 2005, 20, 35.	3.0	22
67	Mechanisms for removal of copper from metallothionein by tetrathiomolybdate. Journal of Inorganic Biochemistry, 1994, 54, 157-165.	3.5	21
68	Speciation of selenomethionine metabolites in wheat germ extract. Metallomics, 2009, 1, 78-86.	2.4	21
69	Selenium metabolism in rats with long-term ingestion of Se-methylselenocysteine using enriched stable isotopes. Journal of Toxicological Sciences, 2009, 34, 191-200.	1.5	21
70	Chromatographic Behavior of Selenoproteins in Rat Serum Detected by Inductively Coupled Plasma Mass Spectrometry. Analytical Sciences, 2013, 29, 787-792.	1.6	21
71	Complementary Use of LC-ICP-MS and LC-ESI-Q-TOF-MS for Selenium Speciation. Analytical Sciences, 2015, 31, 561-564.	1.6	21
72	Distribution and speciation of arsenic after intravenous administration of monomethylmonothioarsonic acid in rats. Chemosphere, 2010, 81, 206-213.	8.2	20

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73	Separation of metallothionein isoforms extracted from isoform-specific knockdown cells on two-dimensional micro high-performance liquid chromatography hyphenated with inductively coupled plasma-mass spectrometry. Journal of Analytical Atomic Spectrometry, 2007, 22, 179-182.	3.0	19
74	Narrow-bore HPLCâ€“ICPâ€“MS for speciation of copper in mutant mouse neonates bearing a defect in Cu metabolism. Analytical and Bioanalytical Chemistry, 2008, 390, 1799-1803.	3.7	19
75	Comparison of selenohomolanthionine and selenomethionine in terms of selenium distribution and toxicity in rats by bolus administration. Metallomics, 2010, 2, 412.	2.4	19
76	Biology and toxicology of tellurium explored by speciation analysis. Metallomics, 2017, 9, 435-441.	2.4	19
77	Systemic Dispositions of Molybdenum and Copper after Tetrathiomolybdate Injection in LEC Rats. Journal of Trace Elements in Medicine and Biology, 1995, 9, 165-169.	3.0	18
78	Molybdenum and Copper Kinetics after Tetrathiomolybdate Injection in LEC Rats : Specific Role of Serum Albumin. Journal of Trace Elements in Medicine and Biology, 1995, 9, 170-175.	3.0	18
79	Biological significance of non-acetylated metallothionein. Biomedical Applications, 1999, 735, 17-24.	1.7	18
80	Exchange of endogenous selenium for dietary selenium as 82Se-enriched selenite in brain, liver, kidneys and testes. Life Sciences, 2000, 67, 3041-3049.	4.3	18
81	Copper balance and ceruloplasmin in chronic hepatitis in a Wilson disease animal model, LEC rats. Archives of Toxicology, 2002, 76, 502-508.	4.2	18
82	Liquid chromatographyâ€“electrospray ionization tandem mass spectrometry for on-line characterization, monitoring and isotopic profiling of the main selenium-metabolite in human urine after consumption of Se-rich and Se-enriched food. Analytica Chimica Acta, 2006, 555, 25-33.	5.4	18
83	Analysis of animal and plant selenometabolites in roots of a selenium accumulator, Brassica rapa var. peruviridis, by speciation. Metallomics, 2013, 5, 429.	2.4	18
84	Mechanisms underlying the toxic effects of antimony species in human embryonic kidney cells (HEK-293) and their comparison with arsenic species. Journal of Toxicological Sciences, 2016, 41, 783-792.	1.5	18
85	Detailed analyses of the crucial functions of Zn transporter proteins in alkaline phosphatase activation. Journal of Biological Chemistry, 2020, 295, 5669-5684.	3.4	18
86	Effect of administration route and dose on metabolism of nine bioselenocompounds. Journal of Trace Elements in Medicine and Biology, 2018, 49, 113-118.	3.0	17
87	Quantitative Elemental Analysis of a Single Cell by Using Inductively Coupled Plasmaâ€Mass Spectrometry in Fast Timeâ€Resolved Analysis Mode. ChemBioChem, 2020, 21, 3266-3272.	2.6	17
88	Speciation of selenium in selenium-enriched seeds, buckwheat (Fagopyrum esculentum Moench) and quinoa (Chenopodium quinoa Willdenow). European Food Research and Technology, 2008, 227, 1455-1460.	3.3	16
89	Identification of the biliary selenium metabolite and the biological significance of selenium enterohepatic circulation. Metallomics, 2020, 12, 241-248.	2.4	16
90	Production of a Urinary Selenium Metabolite, Trimethylselenonium, by Thiopurine S-Methyltransferase and Indolethylamine N-Methyltransferase. Chemical Research in Toxicology, 2020, 33, 2467-2474.	3.3	16

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91	Distribution and metabolism of selenohomolanthionine labeled with a stable isotope. Analytical and Bioanalytical Chemistry, 2011, 399, 1765-1772.	3.7	15
92	Inhibitory Effects of Heavy Metals on Transcription Factor Sp1.. Industrial Health, 2000, 38, 224-227.	1.0	14
93	A selective requirement for copper-dependent activation of cytochrome c oxidase by Cox17p. Biochemical and Biophysical Research Communications, 2004, 324, 1379-1385.	2.1	14
94	Effects of human serum albumin on post-mortem changes of malathion. Scientific Reports, 2021, 11, 11573.	3.3	14
95	Systemic distribution and speciation of diphenylarsinic acid fed to rats. Toxicology and Applied Pharmacology, 2009, 237, 214-220.	2.8	13
96	Distribution and metabolism of selenite and selenomethionine in the Japanese quail. Metallomics, 2012, 4, 457.	2.4	13
97	Comparison of Selenium Metabolism in Three Brassicaceae Plants. Journal of Health Science, 2010, 56, 699-704.	0.9	12
98	Distinct uptake of tellurate from selenate in a selenium accumulator, Indian mustard (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.4	12
99	Role of Metallothionein in the Cell Cycle: Protection against the Retardation of Cell Proliferation by Endogenous Reactive Oxygen Species. Journal of Health Science, 2004, 50, 154-158.	0.9	11
100	Effect of glutathione depletion on removal of copper from LEC rat livers by tetrathiomolybdate. Journal of Inorganic Biochemistry, 2010, 104, 858-862.	3.5	11
101	Comparison of selenoneine found in marine organisms with selenite in the interaction with mercury compounds in vitro. Journal of Toxicological Sciences, 2011, 36, 725-731.	1.5	11
102	Biotransformation of organic selenium compounds in budding yeast,Saccharomyces cerevisiae. Metallomics, 2018, 10, 1257-1263.	2.4	11
103	Formation Mechanism and Toxicological Significance of Biogenic Mercury Selenide Nanoparticles in Human Hepatoma HepG2 Cells. Chemical Research in Toxicology, 2021, 34, 2471-2484.	3.3	11
104	Presence of nano-sized mercury-containing particles in seafoods, and an estimate of dietary exposure. Environmental Pollution, 2022, 307, 119555.	7.5	11
105	Metabolic pathway of inorganic and organic selenocompounds labeled with stable isotope in Japanese quail. Analytical and Bioanalytical Chemistry, 2014, 406, 7959-7966.	3.7	10
106	Evaluation of copper metabolism in neonatal rats by speciation analysis using liquid chromatography hyphenated to ICP mass spectrometry. Metallomics, 2019, 11, 1679-1686.	2.4	10
107	Post-Mortem Changes of Methomyl in Blood with Hemoglobin. Chemical Research in Toxicology, 2021, 34, 161-168.	3.3	10
108	Copper and zinc concentrations in the breast milk of mothers undergoing treatment for Wilsonâ€™s disease: a prospective study. BMJ Paediatrics Open, 2021, 5, e000948.	1.4	10

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109	Distributions of mercury and selenium in rats ingesting mercury selenide nanoparticles. Ecotoxicology and Environmental Safety, 2021, 226, 112867.	6.0	10
110	Identification of the zinc-binding protein specifically present in male rat liver as carbonic anhydrase III. Chemico-Biological Interactions, 1999, 122, 185-197.	4.0	9
111	Preparation of envelope-type lipid nanoparticles containing gold nanorods for photothermal cancer therapy. Colloids and Surfaces B: Biointerfaces, 2017, 160, 715-723.	5.0	9
112	Quantitative assessment of cellular uptake and differential toxic effects of HgSe nanoparticles in human cells. Journal of Analytical Atomic Spectrometry, 2020, 35, 1979-1988.	3.0	9
113	Toxicological and pharmacological analysis of selenohomolanthionine in mice. Toxicology Research, 2013, 2, 115-122.	2.1	8
114	Soy Protein Isolate Enhances Hepatic Copper Accumulation and Cell Damage in LEC Rats. Journal of Nutrition, 2003, 133, 1250-1254.	2.9	7
115	Comparison of Accumulation of Four Metalloids in Allium Sativum. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 604-608.	2.7	7
116	Evaluation of Dexamethasone-Induced Osteoporosis In Vivo Using Zebrafish Scales. Pharmaceuticals, 2021, 14, 536.	3.8	7
117	Casein kinase 2 promotes interaction between Rad17 and the 9-1-1 complex through constitutive phosphorylation of the C-terminal tail of human Rad17. Biochemical and Biophysical Research Communications, 2018, 504, 380-386.	2.1	6
118	Elucidation of tellurium biogenic nanoparticles in garlic, Allium sativum, by inductively coupled plasma-mass spectrometry. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126628.	3.0	6
119	Research Tools and Techniques for Copper Metabolism in Mammals. Journal of Health Science, 2011, 57, 385-396.	0.9	5
120	Comparison in Accumulation of Lanthanide Elements Among Three Brassicaceae Plant Sprouts. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 133-137.	2.7	5
121	Arsenic (+3 oxidation state) methyltransferase is a specific but replaceable factor against arsenic toxicity. Toxicology Reports, 2014, 1, 589-595.	3.3	5
122	Analytical methodology for the simultaneous determination of NMG-Sb(v), iSb(v), and iSb(iii) species by anion exchange liquid chromatography in GlucantimeÂ® and its biological application in Wistar rat urine. Journal of Analytical Atomic Spectrometry, 2019, 34, 203-213.	3.0	5
123	Systematic study of the selenium fractionation in human plasma from a cancer prevention trial using HPLC hyphenated to ICP-MS and ESI-MS/MS. Analytical and Bioanalytical Chemistry, 2021, 413, 331-344.	3.7	5
124	Determination of spatial mercury concentration by laser ablation-inductively coupled plasma mass spectrometry. Journal of Toxicological Sciences, 2021, 46, 193-198.	1.5	5
125	Detection of Histidine-Tagged Protein inEscherichia coliby Single-Cell Inductively Coupled Plasma-Mass Spectrometry. Analytical Chemistry, 2022, 94, 7952-7959.	6.5	5
126	Enhancement of Nuclear Localization of Metallothionein by Nitric Oxide. Journal of Health Science, 2008, 54, 339-342.	0.9	4

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127	Evaluation of chemical species and bioaccessibility of selenium in dietary supplements. European Food Research and Technology, 2019, 245, 225-232.	3.3	4
128	Effects of hemoglobin on post-mortem oxidation of bromazepam. Fundamental Toxicological Sciences, 2021, 8, 61-67.	0.6	4
129	Metallomics approach to changes in element concentration during differentiation from fibroblasts into adipocytes by element array analysis. Journal of Toxicological Sciences, 2016, 41, 241-244.	1.5	3
130	Changes in copper, zinc and cadmium distributions in the liver of Formosan squirrels with characteristic high copper accumulation. Metallomics, 2019, 11, 1753-1758.	2.4	3
131	Nuclear translocation promotes proteasomal degradation of human Rad17 protein through the N-terminal destruction boxes. Journal of Biological Chemistry, 2021, 297, 100831.	3.4	3
132	77Se NMR Spectroscopy for Speciation Analysis of Selenium Compounds. , 2017, , 147-155.		3
133	Post-mortem interaction between methidathion and human serum albumin in blood. Journal of Toxicological Sciences, 2022, 47, 139-146.	1.5	3
134	Evaluation of Post-Mortem Interaction between Hemoglobin and Oxime-Type Carbamate Pesticides. Chemical Research in Toxicology, 2022, 35, 1110-1116.	3.3	3
135	Effects of soy protein isolate on LEC rats, a model of Wilson disease: mechanisms underlying enhancement of liver cell damage. Biochemical and Biophysical Research Communications, 2003, 302, 271-274.	2.1	2
136	Ropinirole involved in a fatal case: blood and urinary concentrations. Forensic Toxicology, 0, , 1.	2.4	2
137	Comparison of quantification of selenocyanate and thiocyanate in cultured mammalian cells between HPLC-fluorescence detector and HPLC-inductively coupled plasma mass spectrometer. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1181, 122924.	2.3	2
138	Recent advances in copper analyses by inorganic mass spectrometry. Journal of Clinical Biochemistry and Nutrition, 2022, 71, 2-6.	1.4	2
139	Editorial and Advisory Board profiles. Metallomics, 2009, 1, 17.	2.4	1
140	New Development of Metallomics Research Based on the Speciation. Bunseki Kagaku, 2012, 61, 513-522.	0.2	1
141	The scope of Metallomics. Metallomics, 2016, 8, 8-8.	2.4	1
142	Mutagenicity comparison of nine bioselenocompounds in three Salmonella typhimurium strains. Toxicology Reports, 2018, 5, 220-223.	3.3	1
143	Arsenic metabolism in hyperbilirubinemic rats. , 2003, , 355-367.		1
144	Speciation and Identification of Chalcogen-Containing Metabolites. , 2017, , 43-61.		1

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145	Role of Metallothionein in Transcriptional Regulation by Metal-Responsive Element-Binding Transcription Factor 1. BPB Reports, 2020, 3, 22-27.	0.3	1
146	Mechanisms for Accumulation of Copper in the Liver of LEC Rats and Removal by Tetrathiomolybdate (Proceedings of the 19th Symposium on Toxicology and Environmental Health). Japanese Journal of Toxicology and Environmental Health, 1994, 40, P23-P23.	0.1	0
147	Mechanisms for Selective Removal of Copper Bound to Metallothionein by Tetrathiomolybdate (Proceedings of the 20th Symposium on Toxicology and Environmental Health). Japanese Journal of Toxicology and Environmental Health, 1995, 41, P38-P38.	0.1	0
148	Pharmacokinetics of Tetrathiomolybdate in LEC and Normal Rats (Proceedings of the 21st Symposium) Tj ETQq0 0 0 rgBT /Overlock 10 T 1996, 42, P18-P18.	0.1	0
149	Effect of Cadmium on Selective Removal of Copper by Tetrathiomolybdate in the Liver of LEC Rats (Proceedings of the 23rd Symposium on Toxicology and Environmental Health). Japanese Journal of Toxicology and Environmental Health, 1998, 44, P29-P29.	0.1	0
150	Cell-specific Synergic Effect of Cimicifugoside on Cytotoxicity of Methotrexate. Journal of Health Science, 2011, 57, 350-355.	0.9	0
151	1st Francoâ€“Japanese Workshop on Metallomics, Pau, France. Metallomics, 2013, 5, 1468.	2.4	0
152	Metallomics in Japan. Metallomics, 2013, 5, 415.	2.4	0
153	Selenium Metabolism. Oxidative Stress and Disease, 2015, , 19-30.	0.3	0
154	Metabolism of trimethylselenonium ion in selenium accumulator, Allium sativum . Fundamental Toxicological Sciences, 2015, 2, 95-99.	0.6	0
155	Bioanalytical Chemistry of Selenium. Molecular and Integrative Toxicology, 2018, , 495-511.	0.5	0
156	Species difference in antimony and arsenic metabolism between hamster and rat after administration of tri- or pentavalent inorganic antimony. Fundamental Toxicological Sciences, 2019, 6, 181-185.	0.6	0
157	In vitro toxicity studies of epoxyoleic acid and diepoxylinoleic acid. Fundamental Toxicological Sciences, 2020, 7, 123-132.	0.6	0
158	Band 3/anion exchanger 1/solute carrier family 4 member 1 expression as determinant of cellular sensitivity to selenite exposure. Biochemistry and Biophysics Reports, 2022, 29, 101223.	1.3	0