

Yasumitsu Ogra

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

4,916
citations

109137

35
h-index

114278

63
g-index

161
all docs

161
docs citations

161
times ranked

3921
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Band 3/anion exchanger 1/solute carrier family 4 member 1 expression as determinant of cellular sensitivity to selenite exposure. <i>Biochemistry and Biophysics Reports</i> , 2022, 29, 101223. | 0.7 | 0 |
| 2 | Post-mortem interaction between methidathion and human serum albumin in blood. <i>Journal of Toxicological Sciences</i> , 2022, 47, 139-146. | 0.7 | 3 |
| 3 | Recent advances in copper analyses by inorganic mass spectrometry. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2022, 71, 2-6. | 0.6 | 2 |
| 4 | Evaluation of Post-Mortem Interaction between Hemoglobin and Oxime-Type Carbamate Pesticides. <i>Chemical Research in Toxicology</i> , 2022, 35, 1110-1116. | 1.7 | 3 |
| 5 | Detection of Histidine-Tagged Protein in <i>Escherichia coli</i> by Single-Cell Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 7952-7959. | 3.2 | 5 |
| 6 | Presence of nano-sized mercury-containing particles in seafoods, and an estimate of dietary exposure. <i>Environmental Pollution</i> , 2022, 307, 119555. | 3.7 | 11 |
| 7 | Systematic study of the selenium fractionation in human plasma from a cancer prevention trial using HPLC hyphenated to ICP-MS and ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 331-344. | 1.9 | 5 |
| 8 | Effects of hemoglobin on post-mortem oxidation of bromazepam. <i>Fundamental Toxicological Sciences</i> , 2021, 8, 61-67. | 0.2 | 4 |
| 9 | Determination of spatial mercury concentration by laser ablation-inductively coupled plasma mass spectrometry. <i>Journal of Toxicological Sciences</i> , 2021, 46, 193-198. | 0.7 | 5 |
| 10 | Post-Mortem Changes of Methomyl in Blood with Hemoglobin. <i>Chemical Research in Toxicology</i> , 2021, 34, 161-168. | 1.7 | 10 |
| 11 | Hyperthermia Selectively Destabilizes Oncogenic Fusion Proteins. <i>Blood Cancer Discovery</i> , 2021, 2, 388-401. | 2.6 | 26 |
| 12 | Copper and zinc concentrations in the breast milk of mothers undergoing treatment for Wilson's disease: a prospective study. <i>BMJ Paediatrics Open</i> , 2021, 5, e000948. | 0.6 | 10 |
| 13 | Effects of human serum albumin on post-mortem changes of malathion. <i>Scientific Reports</i> , 2021, 11, 11573. | 1.6 | 14 |
| 14 | Evaluation of Dexamethasone-Induced Osteoporosis In Vivo Using Zebrafish Scales. <i>Pharmaceuticals</i> , 2021, 14, 536. | 1.7 | 7 |
| 15 | Nuclear translocation promotes proteasomal degradation of human Rad17 protein through the N-terminal destruction boxes. <i>Journal of Biological Chemistry</i> , 2021, 297, 100831. | 1.6 | 3 |
| 16 | Comparison of quantification of selenocyanate and thiocyanate in cultured mammalian cells between HPLC-fluorescence detector and HPLC-inductively coupled plasma mass spectrometer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1181, 122924. | 1.2 | 2 |
| 17 | Distributions of mercury and selenium in rats ingesting mercury selenide nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112867. | 2.9 | 10 |
| 18 | Formation Mechanism and Toxicological Significance of Biogenic Mercury Selenide Nanoparticles in Human Hepatoma HepG2 Cells. <i>Chemical Research in Toxicology</i> , 2021, 34, 2471-2484. | 1.7 | 11 |

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|----|---|-----|-----------|
| 19 | Identification of the biliary selenium metabolite and the biological significance of selenium enterohepatic circulation. <i>Metallomics</i> , 2020, 12, 241-248. | 1.0 | 16 |
| 20 | Elucidation of tellurium biogenic nanoparticles in garlic, <i>Allium sativum</i> , by inductively coupled plasma-mass spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126628. | 1.5 | 6 |
| 21 | Quantitative Elemental Analysis of a Single Cell by Using Inductively Coupled Plasma-Mass Spectrometry in Fast Time-Resolved Analysis Mode. <i>ChemBioChem</i> , 2020, 21, 3266-3272. | 1.3 | 17 |
| 22 | A matricellular protein fibulin-4 is essential for the activation of lysyl oxidase. <i>Science Advances</i> , 2020, 6, . | 4.7 | 28 |
| 23 | Production of a Urinary Selenium Metabolite, Trimethylselenonium, by Thiopurine <i>S</i> -Methyltransferase and Indolethylamine <i>N</i> -Methyltransferase. <i>Chemical Research in Toxicology</i> , 2020, 33, 2467-2474. | 1.7 | 16 |
| 24 | Detailed analyses of the crucial functions of Zn transporter proteins in alkaline phosphatase activation. <i>Journal of Biological Chemistry</i> , 2020, 295, 5669-5684. | 1.6 | 18 |
| 25 | Quantitative assessment of cellular uptake and differential toxic effects of HgSe nanoparticles in human cells. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1979-1988. | 1.6 | 9 |
| 26 | Effect of gut microflora on nutritional availability of selenium. <i>Food Chemistry</i> , 2020, 319, 126537. | 4.2 | 31 |
| 27 | <i>In vitro</i> toxicity studies of epoxyoleic acid and diepoxylinoleic acid. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 123-132. | 0.2 | 0 |
| 28 | Role of Metallothionein in Transcriptional Regulation by Metal-Responsive Element-Binding Transcription Factor 1. <i>BPB Reports</i> , 2020, 3, 22-27. | 0.1 | 1 |
| 29 | Evaluation of copper metabolism in neonatal rats by speciation analysis using liquid chromatography hyphenated to ICP mass spectrometry. <i>Metallomics</i> , 2019, 11, 1679-1686. | 1.0 | 10 |
| 30 | Species difference in antimony and arsenic metabolism between hamster and rat after administration of tri- or pentavalent inorganic antimony. <i>Fundamental Toxicological Sciences</i> , 2019, 6, 181-185. | 0.2 | 0 |
| 31 | Changes in copper, zinc and cadmium distributions in the liver of Formosan squirrels with characteristic high copper accumulation. <i>Metallomics</i> , 2019, 11, 1753-1758. | 1.0 | 3 |
| 32 | Analytical methodology for the simultaneous determination of NMG-Sb(v), iSb(v), and iSb(iii) species by anion exchange liquid chromatography in Glucantime® and its biological application in Wistar rat urine. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 203-213. | 1.6 | 5 |
| 33 | Improvement of the solubility and emulsifying properties of rice bran protein by phosphorylation with sodium trimetaphosphate. <i>Food Hydrocolloids</i> , 2019, 96, 288-299. | 5.6 | 79 |
| 34 | Evaluation of chemical species and bioaccessibility of selenium in dietary supplements. <i>European Food Research and Technology</i> , 2019, 245, 225-232. | 1.6 | 4 |
| 35 | Mutagenicity comparison of nine bioselenocompounds in three <i>Salmonella typhimurium</i> strains. <i>Toxicology Reports</i> , 2018, 5, 220-223. | 1.6 | 1 |
| 36 | Speciation of Selenium in Brown Rice Fertilized with Selenite and Effects of Selenium Fertilization on Rice Proteins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3494. | 1.8 | 33 |

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|----|---|-----|-----------|
| 37 | Bioanalytical Chemistry of Selenium. <i>Molecular and Integrative Toxicology</i> , 2018, , 495-511. | 0.5 | 0 |
| 38 | Effect of administration route and dose on metabolism of nine bioselenocompounds. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 113-118. | 1.5 | 17 |
| 39 | Casein kinase 2 promotes interaction between Rad17 and the 9-1-1 complex through constitutive phosphorylation of the C-terminal tail of human Rad17. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 380-386. | 1.0 | 6 |
| 40 | Biotransformation of organic selenium compounds in budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Metallomics</i> , 2018, 10, 1257-1263. | 1.0 | 11 |
| 41 | Combretastatin A4- ¹²⁵ I-Galactosyl Conjugates for Ovarian Cancer Prodrug Monotherapy. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 211-214. | 1.3 | 27 |
| 42 | Identification and determination of selenohomolanthionine – The major selenium compound in <i>Torula</i> yeast. <i>Food Chemistry</i> , 2017, 237, 1196-1201. | 4.2 | 30 |
| 43 | Biology and toxicology of tellurium explored by speciation analysis. <i>Metallomics</i> , 2017, 9, 435-441. | 1.0 | 19 |
| 44 | Preparation of envelope-type lipid nanoparticles containing gold nanorods for photothermal cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 715-723. | 2.5 | 9 |
| 45 | Comparison of the metabolism of inorganic and organic selenium species between two selenium accumulator plants, garlic and Indian mustard. <i>Metallomics</i> , 2017, 9, 61-68. | 1.0 | 23 |
| 46 | Bioavailability Comparison of Nine Bioselenocompounds In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2017, 18, 506. | 1.8 | 60 |
| 47 | ⁷⁷ Se NMR Spectroscopy for Speciation Analysis of Selenium Compounds. , 2017, , 147-155. | | 3 |
| 48 | Speciation and Identification of Chalcogen-Containing Metabolites. , 2017, , 43-61. | | 1 |
| 49 | Mechanisms underlying the toxic effects of antimony species in human embryonic kidney cells (HEK-293) and their comparison with arsenic species. <i>Journal of Toxicological Sciences</i> , 2016, 41, 783-792. | 0.7 | 18 |
| 50 | Changes in intracellular copper concentration and copper-regulating gene expression after PC12 differentiation into neurons. <i>Scientific Reports</i> , 2016, 6, 33007. | 1.6 | 30 |
| 51 | Metallomics approach to changes in element concentration during differentiation from fibroblasts into adipocytes by element array analysis. <i>Journal of Toxicological Sciences</i> , 2016, 41, 241-244. | 0.7 | 3 |
| 52 | The scope of Metallomics. <i>Metallomics</i> , 2016, 8, 8-8. | 1.0 | 1 |
| 53 | Selenium Metabolism. <i>Oxidative Stress and Disease</i> , 2015, , 19-30. | 0.3 | 0 |
| 54 | Complementary Use of LC-ICP-MS and LC-ESI-Q-TOF-MS for Selenium Speciation. <i>Analytical Sciences</i> , 2015, 31, 561-564. | 0.8 | 21 |

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|----|--|-----|-----------|
| 55 | Metabolism of trimethylselenonium ion in selenium accumulator, <i>Allium sativum</i> . <i>Fundamental Toxicological Sciences</i> , 2015, 2, 95-99. | 0.2 | 0 |
| 56 | Detoxification of Selenite to Form Selenocyanate in Mammalian Cells. <i>Chemical Research in Toxicology</i> , 2015, 28, 1803-1814. | 1.7 | 35 |
| 57 | Comparison of Accumulation of Four Metalloids in <i>Allium Sativum</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 604-608. | 1.3 | 7 |
| 58 | Metabolic pathway of inorganic and organic selenocompounds labeled with stable isotope in Japanese quail. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7959-7966. | 1.9 | 10 |
| 59 | Arsenic (+3 oxidation state) methyltransferase is a specific but replaceable factor against arsenic toxicity. <i>Toxicology Reports</i> , 2014, 1, 589-595. | 1.6 | 5 |
| 60 | Analysis of animal and plant selenometabolites in roots of a selenium accumulator, <i>Brassica rapa</i> var. <i>peruviridis</i> , by speciation. <i>Metallomics</i> , 2013, 5, 429. | 1.0 | 18 |
| 61 | 1st Franco-Japanese Workshop on Metallomics, Pau, France. <i>Metallomics</i> , 2013, 5, 1468. | 1.0 | 0 |
| 62 | Speciation and identification of tellurium-containing metabolites in garlic, <i>Allium sativum</i> . <i>Metallomics</i> , 2013, 5, 1215. | 1.0 | 25 |
| 63 | Metallomics in Japan. <i>Metallomics</i> , 2013, 5, 415. | 1.0 | 0 |
| 64 | Toxicological and pharmacological analysis of selenohomolanthionine in mice. <i>Toxicology Research</i> , 2013, 2, 115-122. | 0.9 | 8 |
| 65 | Chromatographic Behavior of Selenoproteins in Rat Serum Detected by Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Sciences</i> , 2013, 29, 787-792. | 0.8 | 21 |
| 66 | Cooperative Functions of ZnT1, Metallothionein and ZnT4 in the Cytoplasm Are Required for Full Activation of TNAP in the Early Secretory Pathway. <i>PLoS ONE</i> , 2013, 8, e77445. | 1.1 | 34 |
| 67 | New Development of Metallomics Research Based on the Speciation. <i>Bunseki Kagaku</i> , 2012, 61, 513-522. | 0.1 | 1 |
| 68 | Selenometabolomics Explored by Speciation. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1863-1869. | 0.6 | 27 |
| 69 | Distribution and metabolism of selenite and selenomethionine in the Japanese quail. <i>Metallomics</i> , 2012, 4, 457. | 1.0 | 13 |
| 70 | Comparison in Accumulation of Lanthanide Elements Among Three Brassicaceae Plant Sprouts. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 133-137. | 1.3 | 5 |
| 71 | Generation of thioarsenicals is dependent on the enterohepatic circulation in rats. <i>Metallomics</i> , 2011, 3, 1064. | 1.0 | 33 |
| 72 | Speciation and identification of low molecular weight selenium compounds in the liver of sea turtles. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 80-85. | 1.6 | 33 |

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|----|--|-----|-----------|
| 73 | Mitochondria Are the Main Target Organelle for Trivalent Monomethylarsonous Acid (MMA ^{III})-Induced Cytotoxicity. <i>Chemical Research in Toxicology</i> , 2011, 24, 1094-1103. | 1.7 | 96 |
| 74 | Roles of copper chaperone for superoxide dismutase 1 and metallothionein in copper homeostasis. <i>Metallomics</i> , 2011, 3, 693. | 1.0 | 25 |
| 75 | Cell-specific Synergic Effect of Cimicifugoside on Cytotoxicity of Methotrexate. <i>Journal of Health Science</i> , 2011, 57, 350-355. | 0.9 | 0 |
| 76 | Research Tools and Techniques for Copper Metabolism in Mammals. <i>Journal of Health Science</i> , 2011, 57, 385-396. | 0.9 | 5 |
| 77 | Comparison of selenoneine found in marine organisms with selenite in the interaction with mercury compounds in vitro. <i>Journal of Toxicological Sciences</i> , 2011, 36, 725-731. | 0.7 | 11 |
| 78 | Distribution and metabolism of selenohomolanthionine labeled with a stable isotope. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1765-1772. | 1.9 | 15 |
| 79 | Roles of COMM-domain-containing 1 in stability and recruitment of the copper-transporting ATPase in a mouse hepatoma cell line. <i>Biochemical Journal</i> , 2010, 429, 53-61. | 1.7 | 41 |
| 80 | Comparison of Selenium Metabolism in Three Brassicaceae Plants. <i>Journal of Health Science</i> , 2010, 56, 699-704. | 0.9 | 12 |
| 81 | Distribution and metabolism of four different dimethylated arsenicals in hamsters. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 67-75. | 1.3 | 24 |
| 82 | Distribution and speciation of arsenic after intravenous administration of monomethylmonothioarsonic acid in rats. <i>Chemosphere</i> , 2010, 81, 206-213. | 4.2 | 20 |
| 83 | Effect of glutathione depletion on removal of copper from LEC rat livers by tetrathiomolybdate. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 858-862. | 1.5 | 11 |
| 84 | Distinct uptake of tellurate from selenate in a selenium accumulator, Indian mustard (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 | 1.0 | 12 |
| 85 | Comparison of selenohomolanthionine and selenomethionine in terms of selenium distribution and toxicity in rats by bolus administration. <i>Metallomics</i> , 2010, 2, 412. | 1.0 | 19 |
| 86 | Systemic distribution and speciation of diphenylarsinic acid fed to rats. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 214-220. | 1.3 | 13 |
| 87 | Copper accumulation and compartmentalization in mouse fibroblast lacking metallothionein and copper chaperone, Atox1. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 205-213. | 1.3 | 35 |
| 88 | Evidence for toxicity differences between inorganic arsenite and thioarsenicals in human bladder cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 133-140. | 1.3 | 75 |
| 89 | Effects of chemical species of selenium on maternal transfer during pregnancy and lactation. <i>Life Sciences</i> , 2009, 84, 888-893. | 2.0 | 24 |
| 90 | Selenometabolomics: Identification of selenometabolites and specification of their biological significance by complementary use of elemental and molecular mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1477. | 1.6 | 70 |

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| 91 | Speciation of selenomethionine metabolites in wheat germ extract. <i>Metallomics</i> , 2009, 1, 78-86. | 1.0 | 21 |
| 92 | Editorial and Advisory Board profiles. <i>Metallomics</i> , 2009, 1, 17. | 1.0 | 1 |
| 93 | Selenium metabolism in rats with long-term ingestion of Se-methylselenocysteine using enriched stable isotopes. <i>Journal of Toxicological Sciences</i> , 2009, 34, 191-200. | 0.7 | 21 |
| 94 | Toxicometallomics for Research on the Toxicology of Exotic Metalloids Based on Speciation Studies. <i>Analytical Sciences</i> , 2009, 25, 1189-1195. | 0.8 | 31 |
| 95 | Metabolism of tellurium, antimony and germanium simultaneously administered to rats. <i>Journal of Toxicological Sciences</i> , 2009, 34, 295-303. | 0.7 | 30 |
| 96 | Comparison of distribution and metabolism between tellurium and selenium in rats. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1507-1513. | 1.5 | 32 |
| 97 | In vitro translation with [34S]-labeled methionine, selenomethionine, and telluromethionine. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 45-51. | 1.9 | 26 |
| 98 | Integrated strategies for identification of selenometabolites in animal and plant samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1685-1689. | 1.9 | 25 |
| 99 | Narrow-bore HPLC-ICP-MS for speciation of copper in mutant mouse neonates bearing a defect in Cu metabolism. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1799-1803. | 1.9 | 19 |
| 100 | Speciation of selenium in selenium-enriched seeds, buckwheat (<i>Fagopyrum esculentum</i> Moench) and quinoa (<i>Chenopodium quinoa</i> Willdenow). <i>European Food Research and Technology</i> , 2008, 227, 1455-1460. | 1.6 | 16 |
| 101 | Enhancement of Nuclear Localization of Metallothionein by Nitric Oxide. <i>Journal of Health Science</i> , 2008, 54, 339-342. | 0.9 | 4 |
| 102 | Identification of selenohomolanthionine in selenium-enriched Japanese pungent radish. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 1390. | 1.6 | 65 |
| 103 | Identification of urinary tellurium metabolite in rats administered sodium tellurite. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 153-157. | 1.6 | 25 |
| 104 | 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. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 179-182. | 1.6 | 19 |
| 105 | Protective role of metallothionein against copper depletion. <i>Archives of Biochemistry and Biophysics</i> , 2006, 451, 112-118. | 1.4 | 32 |
| 106 | Liquid chromatography-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. <i>Analytica Chimica Acta</i> , 2006, 555, 25-33. | 2.6 | 18 |
| 107 | Liquid chromatography-mass spectrometry (LC-MS): a powerful combination for selenium speciation in garlic (<i>Allium sativum</i>). <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1196-1206. | 1.9 | 77 |
| 108 | Effects of deuterium in octopole reaction and collision cell ICP-MS on detection of selenium in extracellular fluids. <i>Analytica Chimica Acta</i> , 2005, 554, 123-129. | 2.6 | 44 |

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|-----|---|-----|-----------|
| 109 | Simultaneous speciation of selenium and sulfur species in selenized odorless garlic (<i>Allium sativum</i> L.) Tj ETQq1 1 0.784314 rgBT /Overd Chromatography A, 2005, 1093, 118-125. | 1.8 | 61 |
| 110 | Selenosugar and trimethylselenonium among urinary Se metabolites: dose- and age-related changes. Toxicology and Applied Pharmacology, 2005, 206, 1-8. | 1.3 | 83 |
| 111 | Nuclear trafficking of metallothionein requires oxidation of a cytosolic partner. Journal of Cellular Physiology, 2005, 202, 563-569. | 2.0 | 49 |
| 112 | Speciation of selenocompounds by capillary HPLC coupled with ICP-MS using multi-mode gel filtration columns. Journal of Analytical Atomic Spectrometry, 2005, 20, 35. | 1.6 | 22 |
| 113 | Distributions and chemical forms of arsenic after intravenous administration of dimethylarsinic and monomethylarsonic acids to rats. Toxicology and Applied Pharmacology, 2004, 198, 336-344. | 1.3 | 45 |
| 114 | Speciation of arsenic in biological samples. Toxicology and Applied Pharmacology, 2004, 198, 307-318. | 1.3 | 156 |
| 115 | Heavy metal tolerance of transgenic tobacco plants over-expressing cysteine synthase. Biotechnology Letters, 2004, 26, 153-157. | 1.1 | 127 |
| 116 | Speciation of selenium in selenium-enriched shiitake mushroom, <i>Lentinula edodes</i> . Analytical and Bioanalytical Chemistry, 2004, 379, 861-866. | 1.9 | 94 |
| 117 | Dimethylthioarsenicals as Arsenic Metabolites and Their Chemical Preparations. Chemical Research in Toxicology, 2004, 17, 914-921. | 1.7 | 101 |
| 118 | Determination of Selenomethionine and Selenocysteine in Human Serum Using Speciated Isotope Dilution-Capillary HPLC-Inductively Coupled Plasma Collision Cell Mass Spectrometry. Analytical Chemistry, 2004, 76, 6635-6642. | 3.2 | 106 |
| 119 | A selective requirement for copper-dependent activation of cytochrome c oxidase by Cox17p. Biochemical and Biophysical Research Communications, 2004, 324, 1379-1385. | 1.0 | 14 |
| 120 | Synchronized generation of reactive oxygen species with the cell cycle. Life Sciences, 2004, 75, 301-311. | 2.0 | 31 |
| 121 | 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 |
| 122 | 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. | 1.3 | 164 |
| 123 | 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. | 1.0 | 2 |
| 124 | Oxidative production of monomethylated selenium from the major urinary selenometabolite, selenosugar. Journal of Analytical Atomic Spectrometry, 2003, 18, 1252. | 1.6 | 25 |
| 125 | Soy Protein Isolate Enhances Hepatic Copper Accumulation and Cell Damage in LEC Rats. Journal of Nutrition, 2003, 133, 1250-1254. | 1.3 | 7 |
| 126 | Arsenic metabolism in hyperbilirubinemic rats. , 2003, , 355-367. | | 1 |

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|-----|--|-----|-----------|
| 127 | 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. | 3.3 | 261 |
| 128 | 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 |
| 129 | Speciation of arsenic in body fluids. Talanta, 2002, 58, 111-119. | 2.9 | 96 |
| 130 | Copper balance and ceruloplasmin in chronic hepatitis in a Wilson disease animal model, LEC rats. Archives of Toxicology, 2002, 76, 502-508. | 1.9 | 18 |
| 131 | Roles of metallothionein in copper homeostasis: responses to Cu-deficient diets in mice. Journal of Inorganic Biochemistry, 2002, 88, 173-182. | 1.5 | 84 |
| 132 | Identification of a novel selenium metabolite, Se-methyl-N-acetylselenohexosamine, in rat urine by high-performance liquid chromatography-inductively coupled plasma mass spectrometry and â^{c} electrospray ionization tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 767, 301-312. | 1.2 | 124 |
| 133 | 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. | 1.7 | 305 |
| 134 | Glutathione-conjugated Arsenics in the Potential Hepato-enteric Circulation in Rats. Chemical Research in Toxicology, 2001, 14, 1604-1611. | 1.7 | 94 |
| 135 | Animal Species Difference in the Uptake of Dimethylarsinous Acid (DMAIII) by Red Blood Cells. Chemical Research in Toxicology, 2001, 14, 1446-1452. | 1.7 | 77 |
| 136 | Speciation and metabolism of selenium injected with ^{82}Se -enriched selenite and selenate in rats. Biomedical Applications, 2001, 760, 73-81. | 1.7 | 69 |
| 137 | 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 |
| 138 | Negative Regulatory Role of Sp1 in Metal Responsive Element-mediated Transcriptional Activation. Journal of Biological Chemistry, 2001, 276, 16534-16539. | 1.6 | 60 |
| 139 | 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. | 2.0 | 50 |
| 140 | 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. | 1.5 | 24 |
| 141 | Excretion of copper complexed with thiomolybdate into the bile and blood in LEC rats. Chemico-Biological Interactions, 2000, 124, 217-231. | 1.7 | 34 |
| 142 | Inhibitory Effects of Heavy Metals on Transcription Factor Sp1.. Industrial Health, 2000, 38, 224-227. | 0.4 | 14 |
| 143 | Exchange of endogenous selenium for dietary selenium as ^{82}Se -enriched selenite in brain, liver, kidneys and testes. Life Sciences, 2000, 67, 3041-3049. | 2.0 | 18 |
| 144 | Biological significance of non-acetylated metallothionein. Biomedical Applications, 1999, 735, 17-24. | 1.7 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Comparative mechanism and toxicity of tetra- and dithiomolybdates in the removal of copper. Journal of Inorganic Biochemistry, 1999, 75, 199-204. | 1.5 | 33 |
| 146 | Identification of the zinc-binding protein specifically present in male rat liver as carbonic anhydrase III. Chemico-Biological Interactions, 1999, 122, 185-197. | 1.7 | 9 |
| 147 | Speciation of metabolites of selenate in rats by HPLC-ICP-MS. Analyst, The, 1999, 124, 1237-1241. | 1.7 | 46 |
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