

Masaaki Kurasaki

List of Publications by Year in descending order

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159
papers

6,106
citations

109311

35
h-index

76898

74
g-index

163
all docs

163
docs citations

163
times ranked

5855
citing authors

#	ARTICLE	IF	CITATIONS
1	Existence of distinct sodium channel messenger RNAs in rat brain. <i>Nature</i> , 1986, 320, 188-192.	27.8	945
2	A systematic review on silver nanoparticles-induced cytotoxicity: Physicochemical properties and perspectives. <i>Journal of Advanced Research</i> , 2018, 9, 1-16.	9.5	816
3	Location of functional regions of acetylcholine receptor $\hat{\alpha}$ -subunit by site-directed mutagenesis. <i>Nature</i> , 1985, 313, 364-369.	27.8	414
4	Location of a $\hat{\gamma}$ -subunit region determining ion transport through the acetylcholine receptor channel. <i>Nature</i> , 1986, 324, 670-674.	27.8	332
5	Role of acetylcholine receptor subunits in gating of the channel. <i>Nature</i> , 1985, 318, 538-543.	27.8	277
6	Environmental arsenic exposure and its contribution to human diseases, toxicity mechanism and management. <i>Environmental Pollution</i> , 2021, 289, 117940.	7.5	215
7	Remediation of water pollution with native cyclodextrins and modified cyclodextrins: A comparative overview and perspectives. <i>Chemical Engineering Journal</i> , 2019, 355, 920-941.	12.7	169
8	Increased lipoperoxide value and glutathione peroxidase activity in blood plasma of Type 2 (non-insulin-dependent) diabetic women. <i>Klinische Wochenschrift</i> , 1985, 63, 765-768.	0.6	116
9	Selenium and zinc protections against metal-(loids)-induced toxicity and disease manifestations: A review. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 146-163.	6.0	114
10	Preparation and characterization of chitosan- α -carboxymethyl- $\hat{\beta}$ -cyclodextrin entrapped nanozero-valent iron composite for Cu (II) and Cr (IV) removal from wastewater. <i>Chemical Engineering Journal</i> , 2014, 236, 378-387.	12.7	105
11	Spatio-Temporal Assessment of Groundwater Quality and Human Health Risk: A Case Study in Gopalganj, Bangladesh. <i>Exposure and Health</i> , 2018, 10, 167-188.	4.9	97
12	Mechanism of apoptosis induced by copper in PC12 cells. <i>Food and Chemical Toxicology</i> , 2008, 46, 2157-2164.	3.6	67
13	River Water Pollution in Developed and Developing Countries: Judge and Assessment of Physicochemical Characteristics and Selected Dissolved Metal Concentration. <i>Clean - Soil, Air, Water</i> , 2013, 41, 60-68.	1.1	65
14	Monitoring and Mapping of Rice Cropping Pattern in Flooding Area in the Vietnamese Mekong Delta Using Sentinel-1A Data: A Case of An Giang Province. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 211.	2.9	61
15	Ameliorative effects of selenium on arsenic-induced cytotoxicity in PC12 cells via modulating autophagy/apoptosis. <i>Chemosphere</i> , 2018, 196, 453-466.	8.2	60
16	Application of zerovalent iron impregnated chitosan-carboxymethyl- $\hat{\beta}$ -cyclodextrin composite beads as arsenic sorbent. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 370-376.	6.7	58
17	Investigation of heavy metal contents in Cow milk samples from area of Dhaka, Bangladesh. <i>International Journal of Food Contamination</i> , 2016, 3, .	4.3	58
18	Oxidative and Nonoxidative Mechanisms of Site-Specific DNA Cleavage Induced by Copper-Containing Metallothioneins. <i>Biochemistry</i> , 1995, 34, 8763-8770.	2.5	57

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19	Deficiencies of Hippocampal Zn and ZnT3 Accelerate Brain Aging of Rat. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 505-511.	2.1	54
20	Nonylphenol enhances apoptosis induced by serum deprivation in PC12 cells. <i>Life Sciences</i> , 2004, 74, 2301-2312.	4.3	51
21	A study of groundwater irrigation water quality in south-central Bangladesh: a geo-statistical model approach using GIS and multivariate statistics. <i>Acta Geochimica</i> , 2018, 37, 193-214.	1.7	50
22	Effects of UV wavelength on cell damages caused by UV irradiation in PC12 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 202-208.	3.8	48
23	Inhibitory effects of selenium on cadmium-induced cytotoxicity in PC12 cells via regulating oxidative stress and apoptosis. <i>Food and Chemical Toxicology</i> , 2018, 114, 180-189.	3.6	47
24	Cytotoxic effects of cadmium and zinc co-exposure in PC12 cells and the underlying mechanism. <i>Chemico-Biological Interactions</i> , 2017, 269, 41-49.	4.0	46
25	Spatio-temporal assessment and trend analysis of surface water salinity in the coastal region of Bangladesh. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14273-14290.	5.3	45
26	Copper-metallothionein in the Kidney of Macular Mice: A Model for Menkes Disease. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 1493-1501.	2.5	44
27	Purification and Characterisation of Recombinant Sea Urchin Metallothionein Expressed in <i>Escherichia Coli</i> . <i>FEBS Journal</i> , 1994, 225, 449-457.	0.2	43
28	EFFECT OF POLYPHENOL-CONTAINING AZUKI BEAN (<i>VIGNA ANGULARIS</i>) EXTRACT ON BLOOD PRESSURE ELEVATION AND MACROPHAGE INFILTRATION IN THE HEART AND KIDNEY OF SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 43-49.	1.9	43
29	Phytoremediation of Arsenic and Cadmium From the Water Environment Using <i>Micranthemum Umbrosum</i> (J.F. Gmel) S.F. Blake As A Hyperaccumulator. <i>International Journal of Phytoremediation</i> , 2013, 15, 1010-1021.	3.1	43
30	Adsorption kinetic model of alginate gel beads synthesized micro particle-prussian blue to remove cesium ions from water. <i>Journal of Water Process Engineering</i> , 2016, 10, 9-19.	5.6	43
31	Curcumin alleviates arsenic-induced toxicity in PC12 cells via modulating autophagy/apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110756.	6.0	43
32	Bisphenol-A suppresses neurite extension due to inhibition of phosphorylation of mitogen-activated protein kinase in PC12 cells. <i>Chemico-Biological Interactions</i> , 2011, 194, 23-30.	4.0	41
33	Alteration of Water Pollution Level with the Seasonal Changes in Mean Daily Discharge in Three Main Rivers around Dhaka City, Bangladesh. <i>Environments - MDPI</i> , 2015, 2, 280-294.	3.3	41
34	Immunohistochemical determination of the Wilson Copper-transporting P-type ATPase in the brain tissues of the rat. <i>Neuroscience Letters</i> , 1999, 266, 13-16.	2.1	40
35	Metal Binding Ability of Metallothionein-3 Expressed in <i>Escherichia coli</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 96, 295-301.	2.5	38
36	Groundwater Quality Assessment Using Fuzzy-AHP in An Giang Province of Vietnam. <i>Geosciences (Switzerland)</i> , 2019, 9, 330.	2.2	37

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37	Expression of Human Metallothionein-2 in Escherichia coli: Cadmium Tolerance of Transformed Cells1. Journal of Biochemistry, 1995, 118, 1131-1137.	1.7	35
38	Comparison of general water quality of rivers in Indonesia and Japan. Environmental Monitoring and Assessment, 2009, 156, 317-329.	2.7	35
39	Diverse Effect of Tributyltin on Apoptosis in PC12 Cells. Biochemical and Biophysical Research Communications, 2000, 272, 557-562.	2.1	33
40	Phytofiltration of arsenic and cadmium by using an aquatic plant, Micranthemum umbrosum: Phytotoxicity, uptake kinetics, and mechanism. Ecotoxicology and Environmental Safety, 2015, 112, 193-200.	6.0	33
41	Direct visualization of copper-metallothionein in LEC rat kidneys: application of autofluorescence signal of copper-thiolate cluster.. Journal of Histochemistry and Cytochemistry, 1996, 44, 865-873.	2.5	30
42	Protective effect of taurine against renal interstitial fibrosis of rats induced by cisplatin. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 277-283.	3.0	29
43	Brassica rapa var. japonica Leaf Extract Mediated Green Synthesis of Crystalline Silver Nanoparticles and Evaluation of Their Stability, Cytotoxicity and Antibacterial Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 1483-1493.	3.7	29
44	Effects of Multi-Dike Protection Systems on Surface Water Quality in the Vietnamese Mekong Delta. Water (Switzerland), 2019, 11, 1010.	2.7	28
45	Protective effect of dietary azuki bean (Vigna angularis) seed coats against renal interstitial fibrosis of rats induced by cisplatin. Nutrition, 2005, 21, 504-511.	2.4	27
46	Removal of Cadmium and Chromium Ions Using Modified β , γ , and δ -Cyclodextrin Polymers. Separation Science and Technology, 2013, 48, 587-597.	2.5	27
47	Carvacrol inhibits cadmium toxicity through combating against caspase dependent/independent apoptosis in PC12 cells. Food and Chemical Toxicology, 2019, 134, 110835.	3.6	27
48	Roles of the conserved serines of metallothionein in cadmium binding. Biochemical Genetics, 1996, 34, 239-251.	1.7	26
49	Combined effects of working environmental conditions in VDT work. Ergonomics, 2001, 44, 562-570.	2.1	25
50	Effects of peat fires on the characteristics of humic acid extracted from peat soil in Central Kalimantan, Indonesia. Environmental Science and Pollution Research, 2015, 22, 2384-2395.	5.3	25
51	RESTRICTION OF CADMIUM TRANSFER TO EGGS FROM LAYING HENS EXPOSED TO CADMIUM. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1997, 51, 15-22.	2.3	23
52	Bcl-2-linked apoptosis due to increase in NO synthase in brain of SAMP10. Biochemical and Biophysical Research Communications, 2002, 297, 517-522.	2.1	23
53	Immunohistochemical study of macrophage migration inhibitory factor in rat liver fibrosis induced by thioacetamide. European Journal of Histochemistry, 2003, 47, 317.	1.5	23
54	Green synthesis of bio-molecule encapsulated magnetic silver nanoparticles and their antibacterial activity. RSC Advances, 2018, 8, 37176-37183.	3.6	23

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55	Mechanism of the toxicity induced by natural humic acid on human vascular endothelial cells. <i>Environmental Toxicology</i> , 2014, 29, 916-925.	4.0	22
56	Independent self-assembly of cadmium-binding β -fragment of metallothionein in <i>Escherichia coli</i> without participation of α -fragment. <i>Protein Engineering, Design and Selection</i> , 1996, 9, 1173-1180.	2.1	21
57	Investigating the protective actions of D-pinitol against arsenic-induced toxicity in PC12 cells and the underlying mechanism. <i>Environmental Toxicology and Pharmacology</i> , 2020, 74, 103302.	4.0	21
58	Green Synthesized Silver Nanoparticles-Mediated Cytotoxic Effect in Colorectal Cancer Cells: NF- κ B Signal Induced Apoptosis Through Autophagy. <i>Biological Trace Element Research</i> , 2020, 199, 3272-3286.	3.5	21
59	Assessment of the Status of Groundwater Arsenic at Singair Upazila, Manikganj Bangladesh; Exploring the Correlation with Other Metals and Ions. <i>Exposure and Health</i> , 2016, 8, 217-225.	4.9	20
60	<i>In vitro</i> cytotoxicity and antibiotic application of green route surface modified ferromagnetic TiO ₂ nanoparticles. <i>RSC Advances</i> , 2019, 9, 13254-13262.	3.6	20
61	Impact of Rice Intensification and Urbanization on Surface Water Quality in An Giang Using a Statistical Approach. <i>Water (Switzerland)</i> , 2020, 12, 1710.	2.7	20
62	Removal of Copper Ions From Water Using Epichlorohydrin Cross-Linked β -Cyclodextrin Polymer: Characterization, Isotherms and Kinetics. <i>Water Environment Research</i> , 2014, 86, 296-304.	2.7	19
63	Removal of Pollutants from Water by Using Single-Walled Carbon Nanotubes (SWCNTs) and Multi-walled Carbon Nanotubes (MWCNTs). <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 261-269.	3.0	19
64	Deficiency of erythrocyte superoxide dismutase and catalase activities in patients with malignant lymphoma and acute myeloid leukemia. <i>Cancer Letters</i> , 1984, 24, 141-146.	7.2	18
65	Facile synthesis, characterization, and adsorption properties of Cd (II) from aqueous solution using β -cyclodextrin polymer impregnated in functionalized chitosan beads as a novel adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3395-3404.	6.7	18
66	Maternal resveratrol intake during lactation attenuates hepatic triglyceride and fatty acid synthesis in adult male rat offspring. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 173-179.	1.3	17
67	Histochemical Localization of Superoxide Dismutase Activity in Rat Brain. <i>Free Radical Biology and Medicine</i> , 1998, 24, 1470-1476.	2.9	16
68	Selenium modulates inorganic mercury induced cytotoxicity and intrinsic apoptosis in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111262.	6.0	16
69	Determination of True Specific Activity of Superoxide Dismutase in Human Erythrocytes. <i>Clinical Science</i> , 1982, 63, 251-255.	4.3	15
70	Protective Role of Metallothionein on DNA Damage in Rat Kidney Caused by Cis-Diamminedichloroplatinum. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000, 86, 276-282.	0.0	15
71	Metal Concentrations of River Water and Sediments in West Java, Indonesia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 669-673.	2.7	15
72	Increased Erythrocyte Catalase Activity in Patients with Hyperthyroidism. <i>Hormone and Metabolic Research</i> , 1986, 18, 56-59.	1.5	14

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73	Aspartame-induced apoptosis in PC12 cells. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 158-165.	4.0	14
74	2,4,5-Trichlorophenoxyacetic acid inhibits apoptosis in PC12 cells. <i>Life Sciences</i> , 2001, 69, 403-408.	4.3	13
75	Protective Effect of Lignophenol Derivative from Beech (<i>Fagus crenata</i> Blume) on Copper- and Zinc-Mediated Cell Death in PC12 Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006, 99, 353-357.	2.5	13
76	Effects of curcumin, D-pinitol alone or in combination in cytotoxicity induced by arsenic in PC12 cells. <i>Food and Chemical Toxicology</i> , 2020, 144, 111577.	3.6	13
77	Spatiotemporal variations in groundwater levels and the impact on land subsidence in CanTho, Vietnam. <i>Groundwater for Sustainable Development</i> , 2021, 15, 100680.	4.6	13
78	Immunohistochemical study of macrophage migration inhibitory factor in rat liver fibrosis induced by thioacetamide. <i>European Journal of Histochemistry</i> , 2003, 47, 317-24.	1.5	13
79	Myricetin enhances on apoptosis induced by serum deprivation in PC12 cells mediated by mitochondrial signaling pathway. <i>Environmental Toxicology and Pharmacology</i> , 2018, 57, 175-180.	4.0	12
80	Amelioration of Metal-Induced Cellular Stress by α -Lipoic Acid and Dihydrolipoic Acid through Antioxidative Effects in PC12 Cells and Caco-2 Cells. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2126.	2.6	12
81	Pb (II) Remediation from Aqueous Environment Using Chitosan-Activated Carbon-Polyvinyl Alcohol Composite Beads. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	12
82	Distribution of Zinc-Binding Metallothionein in Cirrhotic Liver of Rats Administered Zinc. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000, 87, 292-296.	0.0	11
83	Azuki bean (<i>Vigna angularis</i>) extract stimulates the phosphorylation of AMP-activated protein kinase in HepG2 cells and diabetic rat liver. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2312-2318.	3.5	11
84	Melinjo (<i>Gnetum gnemon</i>) Seed Extract Consumption during Lactation Improved Vasodilation and Attenuated the Development of Hypertension in Female Offspring of Fructose-Fed Pregnant Rats. <i>Birth Defects Research</i> , 2018, 110, 27-34.	1.5	11
85	Microbiological safety of street-vended foods in Bangladesh. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2018, 13, 257-269.	1.4	11
86	Regulatory effects of dihydrolipoic acid against inorganic mercury-mediated cytotoxicity and intrinsic apoptosis in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110238.	6.0	11
87	Zinc-pretreatment triggers glutathione and Nrf2-mediated protection against inorganic mercury-induced cytotoxicity and intrinsic apoptosis in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111320.	6.0	11
88	Significance of alpha-fragment of metallothionein in cadmium binding. <i>Protein Engineering, Design and Selection</i> , 1997, 10, 413-416.	2.1	10
89	Effects of amino acid replacements on cadmium binding of metallothionein α -fragment. <i>Cellular and Molecular Life Sciences</i> , 1997, 53, 459-465.	5.4	10
90	Histochemical characterization of silver-induced metallothionein in rat kidney. <i>Journal of Inorganic Biochemistry</i> , 2000, 78, 275-281.	3.5	10

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91	Changes in the expression of epigenetic factors during copper-induced apoptosis in PC12 cells. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1023-1028.	1.7	10
92	Investigation of Chromium Removal Efficacy from Tannery Effluent by Synthesized Chitosan from Crab Shell. Arabian Journal for Science and Engineering, 2017, 42, 1569-1577.	3.0	10
93	Copper metabolism in the kidney of rats administered copper and copper-metallothionein. American Journal of Physiology - Renal Physiology, 1998, 274, F783-F790.	2.7	9
94	Stevioside enhances apoptosis induced by serum deprivation in PC12 cells. Toxicology Mechanisms and Methods, 2012, 22, 243-249.	2.7	9
95	Localization of renal Cu-binding metallothionein induced by Au injection into rats. Biochimica Et Biophysica Acta - General Subjects, 1997, 1335, 353-358.	2.4	8
96	The Effect of Heavy Metal-Induced Metallothionein on Zn, Cu and Cd Accumulation in Rat Kidney. Basic and Clinical Pharmacology and Toxicology, 1999, 84, 255-260.	0.0	8
97	Long-term effect of green tea extract during lactation on AMPK expression in rat offspring exposed to fetal malnutrition. Nutrition, 2013, 29, 1152-1158.	2.4	8
98	Deficiency of catecholamine syntheses caused by downregulation of phosphorylation of tyrosine hydroxylase in the cerebral cortex of the senescence-accelerated mouse prone 10 strain with aging. Archives of Gerontology and Geriatrics, 2013, 56, 68-74.	3.0	8
99	Diethyl phthalate enhances expression of SIRT1 and DNMT3a during apoptosis in PC12 cells. Journal of Applied Toxicology, 2013, 33, 1484-1492.	2.8	8
100	Green Tea Extract Increases mRNA Expression of Enzymes Which Influence Epigenetic Marks in Newborn Female Offspring from Undernourished Pregnant Mother. PLoS ONE, 2013, 8, e74559.	2.5	8
101	Metals in Water in the Central Kalimantan, Indonesia. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 591-597.	2.7	7
102	Metals in Water in the Central Kalimantan, Indonesia. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 591-597.	2.7	7
103	Diethyl Phthalate Enhances Apoptosis Induced by Serum Deprivation in PC12 Cells. Basic and Clinical Pharmacology and Toxicology, 2012, 111, 113-119.	2.5	7
104	Effect of <i>Tinospora cordifolia</i> on the reduction of ultraviolet radiation-induced cytotoxicity and DNA damage in PC12 cells. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 416-421.	1.5	7
105	Amelioration of butylated hydroxytoluene against inorganic mercury induced cytotoxicity and mitochondrial apoptosis in PC12 cells via antioxidant effects. Food and Chemical Toxicology, 2020, 146, 111819.	3.6	7
106	Effects of Metals on Human Health and Ecosystem. Handbook of Environmental Chemistry, 2022, , 81-119.	0.4	7
107	Metallothionein in the ovaries of laying hens exposed to cadmium. Life Sciences, 1996, 58, 1561-1567.	4.3	6
108	Role of Metallothionein on Ag Accumulation in Hepatic and Renal Cytosol after Ag Injection to Rats. Basic and Clinical Pharmacology and Toxicology, 1999, 85, 22-28.	0.0	6

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109	Potential of <i>Micranthemum umbrosum</i> for phytofiltration of organic arsenic species from oxic water environment. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 285-290.	3.5	6
110	Monitoring of heavy metal pollution and GIS derived land use changes in the major economic zone of Bangladesh. <i>Sustainable Water Resources Management</i> , 2018, 4, 655-666.	2.1	6
111	Effect of Trichloroethylene on Spatiotemporal Pattern of LTP in Mouse Hippocampal Slices. <i>International Journal of Neuroscience</i> , 2001, 111, 257-271.	1.6	5
112	Localization of the Induced Metallothionein and DNA Damage in Rat Kidney After Gold Injection. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1263-1271.	2.5	5
113	The effect of Au injection on the ceruloplasmin, metallothionein and 8-hydroxydeoxyguanosine of rat serum, kidney and liver. <i>Chemico-Biological Interactions</i> , 2002, 140, 265-278.	4.0	4
114	Effects of $\hat{1}^3$ -hexachlorocyclohexane on apoptosis induced by serum deprivation in PC12 cells. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 43, 471-475.	1.5	4
115	Increase in tetrahydrobiopterin concentration with aging in the cerebral cortex of the senescence-accelerated mouse prone 10 strain caused by abnormal regulation of tetrahydrobiopterin biosynthesis. <i>Biogerontology</i> , 2013, 14, 491-501.	3.9	4
116	Humic acid induces the endothelial nitric oxide synthase phosphorylation at Ser1177 and Thr495 Via Hsp90 $\hat{1}$ and Hsp90 $\hat{2}$ upregulation in human umbilical vein endothelial cells. <i>Environmental Toxicology</i> , 2015, 30, 223-231.	4.0	4
117	Elucidation of the mechanism of changes in the antioxidant function with the aging in the liver of the senescence-accelerated mouse P10 (SAMP10). <i>Experimental Gerontology</i> , 2018, 106, 46-53.	2.8	4
118	Long-term effects of maternal resveratrol intake during lactation on cholesterol metabolism in male rat offspring. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 226-234.	2.8	4
119	Stability Enhancement of Silver Nanoparticles Through Surface Encapsulation via a Facile Green Synthesis Approach and Toxicity Reduction. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1956-1965.	3.7	4
120	Measurement of DNA damage by terminal deoxynucleotidyl transferase reaction. <i>Advances in Biological Chemistry</i> , 2012, 02, 243-247.	0.6	4
121	Influence of Dietary Methionine Level on the Liver Metallothionein mRNA Level in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 2465-2470.	1.3	3
122	Nonylphenol diethoxylate inhibits apoptosis induced in PC12 cells. <i>Environmental Toxicology</i> , 2016, 31, 1389-1398.	4.0	3
123	Analysis of Cadmium, Epigallocatechin Gallate, and Vitamin C Co-exposure on PC12 Cellular Mechanisms. <i>Biological Trace Element Research</i> , 2020, 198, 627-635.	3.5	3
124	Phosphorylated chitin increased bone formation when implanted into rat calvaria with the Ti-device. <i>Bio-Medical Materials and Engineering</i> , 2020, 31, 47-57.	0.6	3
125	Protective effects of ajwain (<i>Trachyspermum ammi</i> L.) extract against cadmium-induced cytotoxicity and apoptosis in PC12 cells. <i>Journal of Herbal Medicine</i> , 2021, 26, 100423.	2.0	3
126	Combined effects of working environmental conditions in VDT work. <i>Ergonomics</i> , 2001, 44, 562-570.	2.1	3

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127	Apoptosis and Endocrine Disrupters. Biomedical Research, 2000, 21, 353-359.	0.9	3
128	Changes in Middle Latency Auditory-Evoked Potentials of the Rat Exposed to Styrene.. Journal of Health Science, 2001, 47, 175-183.	0.9	2
129	Effects of parabens on apoptosis induced by serum-free medium. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2012, 47, 196-204.	1.5	2
130	Melinjo (Gnetum gnemon) extract intake during lactation stimulates hepatic AMP-activated protein kinase in offspring of excessive fructose-fed pregnant rats. Reproductive Biology, 2016, 16, 165-173.	1.9	2
131	Polyphenol-enriched azuki bean (<i>Vina angularis</i>) extract reduces the oxidative stress and prevents DNA oxidation in the hearts of streptozotocin-induced early diabetic rats. International Journal of Food Sciences and Nutrition, 2019, 70, 845-855.	2.8	2
132	Discovery of Ti-Binding Abilities of Phosphorylated-Chitin and -Collagen. Journal of Hard Tissue Biology, 2020, 29, 45-48.	0.4	2
133	Binding of collagen gene products with titanium oxide. Journal of Biochemistry, 2021, 169, 565-573.	1.7	2
134	Protein engineering of metallothionein to study the metal-binding ability. , 1999, , 129-136.		2
135	Low molecular weight copper-binding protein in the liver of rats given a single and repeated injections of copper. Research Communications in Molecular Pathology and Pharmacology, 1996, 92, 299-314.	0.2	2
136	Human Erythrocyte Catalase Activity in Japanese Adults. Japanese Journal of Hygiene, 1982, 37, 707-713.	0.6	1
137	A mutant metallothionein which has inverse fragment composition exhibits high cadmium binding ability. IUBMB Life, 1997, 41, 49-56.	3.4	1
138	Effects of synthetic dopamine-melanins on oxygen radical formation induced by metal ions with dopamine. Neuroscience Research Communications, 2001, 29, 31-40.	0.2	1
139	Peat Fire Impact on Water Quality and Organic Matter in Peat Soil. , 2016, , 281-296.		1
140	Grape skin extract prevents UV irradiation induced DNA damage of normal human epidermal keratinocytes cells. Journal of Berry Research, 2020, 10, 585-601.	1.4	1
141	Zweigelt and Niagara skin extracts suppress cyclobutane pyrimidine dimer formation due to UV irradiation in NHEK cells: first attempt. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 593-598.	1.5	1
142	Roles of the conserved serines of metallothionein in cadmium binding. Biochemical Genetics, 1996, 34, 239-251.	1.7	1
143	Synthetic dopamine melanins, a model for neuromelanin, show superoxide dismutase-like activity. Trace Elements and Electrolytes, 2004, 21, 55-59.	0.1	1
144	Application of β , γ and δ cyclodextrin polyurethanes in the removal of size specific copper derivatives. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	1

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145	Activity and Content of Erythrocyte Superoxide Dismutase in Japanese. Japanese Journal of Hygiene, 1982, 37, 779-786.	0.6	0
146	Co-Localization of Cu/Zn-Superoxide Dismutase (SOD-1), Nitric Oxide Synthase (NOS), and Zn/Cu-Metallothionein (MT) in Rat Brain. , 2002, , 105-109.		0
147	Distribution of Copper Transported ATP7B in Embryo and New Born Rat. , 2002, , 59-61.		0
148	Zinc-Induced Excessive Glutamate Release may Cause Accelerated Senescence with Defect in Learning and Memory in Senescence Accelerated Mouse. , 2002, , 429-432.		0
149	Copper Metabolism in the Rodent Kidneys. , 2002, , 933-935.		0
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