

# Toshiyuki Kaji

## List of Publications by Citations

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173  
papers

2,410  
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25  
h-index

38  
g-index

199  
ext. papers

2,619  
ext. citations

3.8  
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4.68  
L-index

#	Paper	IF	Citations
173	Atherosclerosis and extracellular matrix. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2003</b> , 10, 267-74	4	195
172	Identification and functions of chondroitin sulfate in the milieu of neural stem cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 5982-91	5.4	107
171	Perspectives on cadmium toxicity research. <i>Tohoku Journal of Experimental Medicine</i> , <b>2002</b> , 196, 23-32	2.4	71
170	Cell density-dependent regulation of proteoglycan synthesis by transforming growth factor-beta(1) in cultured bovine aortic endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 1463-70	5.4	65
169	Lead induces the expression of endoplasmic reticulum chaperones GRP78 and GRP94 in vascular endothelial cells via the JNK-AP-1 pathway. <i>Toxicological Sciences</i> , <b>2010</b> , 114, 378-86	4.4	54
168	Effect of cadmium on the monolayer maintenance of vascular endothelial cells in culture. <i>Toxicology</i> , <b>1992</b> , 71, 267-76	4.4	54
167	Possible mechanism for zinc protection against cadmium cytotoxicity in cultured vascular endothelial cells. <i>Toxicology</i> , <b>1992</b> , 76, 257-70	4.4	50
166	Conversion of cannabidiol to $\Delta$ -tetrahydrocannabinol and related cannabinoids in artificial gastric juice, and their pharmacological effects in mice. <i>Forensic Toxicology</i> , <b>2007</b> , 25, 16-21	2.6	46
165	Role of aquaporin 9 in cellular accumulation of arsenic and its cytotoxicity in primary mouse hepatocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 237, 232-6	4.6	43
164	The effects of cadmium, copper or zinc on formation of embryonic chick bone in tissue culture. <i>Toxicology</i> , <b>1988</b> , 50, 303-16	4.4	39
163	Promotion of cultured vascular smooth muscle cell proliferation by low levels of cadmium. <i>Toxicology Letters</i> , <b>1998</b> , 94, 175-80	4.4	38
162	Cadmium stimulation of plasminogen activator inhibitor-1 release from human vascular endothelial cells in culture. <i>Toxicology</i> , <b>1993</b> , 83, 215-23	4.4	37
161	Methylmercury, an environmental electrophile capable of activation and disruption of the Akt/CREB/Bcl-2 signal transduction pathway in SH-SY5Y cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 28944	4.9	37
160	Partial contribution of the Keap1-Nrf2 system to cadmium-mediated metallothionein expression in vascular endothelial cells. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 295, 37-46	4.6	32
159	The cytotoxicity of organobismuth compounds with certain molecular structures can be diminished by replacing the bismuth atom with an antimony atom in the molecules. <i>Journal of Toxicological Sciences</i> , <b>2015</b> , 40, 321-7	1.9	31
158	Inhibitory effect of lead on the proliferation of cultured vascular endothelial cells. <i>Toxicology</i> , <b>1995</b> , 95, 87-92	4.4	31
157	Inhibitory effect of lead on the release of tissue plasminogen activator from human vascular endothelial cells in culture. <i>Toxicology</i> , <b>1992</b> , 73, 219-27	4.4	31

156	The vascular endothelial growth factor VEGF165 induces perlecan synthesis via VEGF receptor-2 in cultured human brain microvascular endothelial cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2006</b> , 1760, 1465-74	4	30
155	Convenient method to assess chemical modification of protein thiols by electrophilic metals. <i>Journal of Toxicological Sciences</i> , <b>2013</b> , 38, 477-84	1.9	29
154	Stimulation by zinc of cultured vascular endothelial cell proliferation: possible involvement of endogenous basic fibroblast growth factor. <i>Life Sciences</i> , <b>1994</b> , 55, 1781-7	6.8	29
153	Repair of wounded monolayers of cultured bovine aortic endothelial cells is inhibited by calcium spirulan, a novel sulfated polysaccharide isolated from <i>Spirulina platensis</i> . <i>Life Sciences</i> , <b>2002</b> , 70, 1841-8	6.8	28
152	An Organobismuth Compound that Exhibits Selective Cytotoxicity to Vascular Endothelial Cells in Vitro. <i>Journal of Health Science</i> , <b>2005</b> , 51, 333-340		27
151	Induction of metallothionein isoforms by copper diethyldithiocarbamate in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2016</b> , 41, 225-32	1.9	25
150	Sodium spirulan as a potent inhibitor of arterial smooth muscle cell proliferation in vitro. <i>Life Sciences</i> , <b>2004</b> , 74, 2431-9	6.8	25
149	Possible mechanism for lead inhibition of vascular endothelial cell proliferation: a lower response to basic fibroblast growth factor through inhibition of heparan sulfate synthesis. <i>Toxicology</i> , <b>1999</b> , 133, 147-57	4.4	25
148	Metallothionein induction by cadmium, cytokines, thrombin and endothelin-1 in cultured vascular endothelial cells. <i>Life Sciences</i> , <b>1993</b> , 53, 1185-91	6.8	24
147	Cellular defense mechanisms against lead toxicity in the vascular system. <i>Biological and Pharmaceutical Bulletin</i> , <b>2012</b> , 35, 1885-91	2.3	23
146	Biglycan Intensifies ALK5-Smad2/3 Signaling by TGF- $\beta$ and Downregulates Syndecan-4 in Cultured Vascular Endothelial Cells. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 1087-1096	4.7	22
145	Sensitive response of cultured vascular smooth-muscle cells to cadmium cytotoxicity: comparison with cultured vascular endothelial cells and kidney epithelial LLC-PK1 cells. <i>Toxicology Letters</i> , <b>1996</b> , 89, 131-7	4.4	21
144	Copper diethyldithiocarbamate as an activator of Nrf2 in cultured vascular endothelial cells. <i>Journal of Biological Inorganic Chemistry</i> , <b>2016</b> , 21, 263-73	3.7	20
143	Tolerance to cadmium cytotoxicity is induced by zinc through non-metallothionein mechanisms as well as metallothionein induction in cultured cells. <i>Toxicology</i> , <b>1997</b> , 118, 85-92	4.4	20
142	Effect of endothelin on the release of tissue plasminogen activator and plasminogen activator inhibitor-1 from cultured human endothelial cells and interaction with thrombin. <i>Thrombosis Research</i> , <b>1992</b> , 67, 619-24	8.2	20
141	Transcriptional Induction of Metallothionein by Tris(pentafluorophenyl)stibane in Cultured Bovine Aortic Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	20
140	Lead inhibits the core protein synthesis of a large heparan sulfate proteoglycan perlecan by proliferating vascular endothelial cells in culture. <i>Toxicology</i> , <b>1999</b> , 133, 159-69	4.4	19
139	Inhibitory effect of rhodamine B on the proliferation of human lip fibroblasts in culture. <i>Toxicology</i> , <b>1991</b> , 68, 11-20	4.4	19

138	Inhibition of the Repair of Injured Endothelial Cell Monolayers by Lead and Its Possible Mechanisms. <i>Journal of Health Science</i> , <b>2000</b> , 46, 1-4		18
137	Basic fibroblast growth factor suppresses tissue plasminogen activator release from cultured human umbilical vein endothelial cells but enhances that from cultured human aortic endothelial cells. <i>Thrombosis Research</i> , <b>1994</b> , 73, 255-63	8.2	18
136	Rhodamine B inhibition of glycosaminoglycan production by cultured human lip fibroblasts. <i>Toxicology and Applied Pharmacology</i> , <b>1991</b> , 111, 82-9	4.6	18
135	Effects of cadmium on the release of tissue plasminogen activator and plasminogen activator inhibitor type 1 from cultured human vascular smooth muscle cells and fibroblasts. <i>Toxicology</i> , <b>1996</b> , 106, 179-85	4.4	17
134	Calcium regulation of tissue plasminogen activator and plasminogen activator inhibitor-1 release from cultured human vascular endothelial cells. <i>Thrombosis Research</i> , <b>1994</b> , 74, 163-8	8.2	17
133	Effect of lead on the glycosaminoglycans metabolism of bovine aortic endothelial cells in culture. <i>Toxicology</i> , <b>1991</b> , 68, 249-57	4.4	17
132	Induction of Syndecan-4 by Organic-Inorganic Hybrid Molecules with a 1,10-Phenanthroline Structure in Cultured Vascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	16
131	Expression of VEGF-related proteins in cultured human brain microvascular endothelial cells and pericytes after exposure to methylmercury. <i>Journal of Toxicological Sciences</i> , <b>2013</b> , 38, 837-45	1.9	16
130	Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2011</b> , 36, 155-61	1.9	16
129	Proteoglycans Predominantly Synthesized by Human Brain Microvascular Endothelial Cells in Culture are Perlecan and Biglycan. <i>Journal of Health Science</i> , <b>2005</b> , 51, 576-583		16
128	Toxicology of organic-inorganic hybrid molecules: bio-organometallics and its toxicology. <i>Journal of Toxicological Sciences</i> , <b>2016</b> , 41, SP81-SP88	1.9	16
127	Methylmercury promotes prostacyclin release from cultured human brain microvascular endothelial cells via induction of cyclooxygenase-2 through activation of the EGFR-p38 MAPK pathway by inhibiting protein tyrosine phosphatase 1B activity. <i>Toxicology</i> , <b>2017</b> , 392, 40-46	4.4	15
126	Comparative cytotoxicity of triphenylstibane and fluorine-substituted triarylphictogens in cultured vascular endothelial cells. <i>Fundamental Toxicological Sciences</i> , <b>2015</b> , 2, 61-66	0.6	15
125	Glutathione-mediated reversibility of covalent modification of ubiquitin carboxyl-terminal hydrolase L1 by 1,2-naphthoquinone through Cys152, but not Lys4. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 214, 41-8	5	15
124	Differential Effects of Sodium Spirulan on the Secretion of Fibrinolytic Proteins from Vascular Endothelial Cells: Enhancement of Plasminogen Activator Activity. <i>Journal of Health Science</i> , <b>2003</b> , 49, 405-409		15
123	Differential effects of cadmium on proteoglycan synthesis of arterial smooth muscle cells: increase in small dermatan sulfate proteoglycans, biglycan and decorin, in the extracellular matrix at low cell density. <i>Toxicology</i> , <b>2002</b> , 170, 89-101	4.4	15
122	Cytotoxicity of zinc, copper and rhodium complexes with 1,10-phenanthroline or 2,9-dimethyl-1,10-phenanthroline in cultured vascular endothelial cells. <i>Fundamental Toxicological Sciences</i> , <b>2016</b> , 3, 109-113	0.6	14
121	Zinc diethyldithiocarbamate as an inducer of metallothionein in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2016</b> , 41, 217-24	1.9	14

120	Cell-density-dependent methylmercury susceptibility of cultured human brain microvascular pericytes. <i>Toxicology in Vitro</i> , <b>2010</b> , 24, 835-41	3.6	14
119	Thrombin reduces large heparan sulfate proteoglycan molecules in cultured vascular endothelial cell layers through inhibition of core protein synthesis. <i>Thrombosis Research</i> , <b>1997</b> , 88, 299-307	8.2	14
118	Induction of Plasminogen Activator Inhibitor Type 1 Synthesis by Cadmium in Human Vascular Endothelial Cells in Culture.. <i>Journal of Health Science</i> , <b>2002</b> , 48, 55-61		14
117	Zinc-induced tolerance to cadmium cytotoxicity without metallothionein induction in cultured bovine aortic endothelial cells. <i>Toxicology Letters</i> , <b>1995</b> , 75, 85-92	4.4	14
116	S-Mercuration of rat sorbitol dehydrogenase by methylmercury causes its aggregation and the release of the zinc ion from the active site. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 1693-702	5.8	13
115	Differential regulation of biglycan and decorin synthesis by connective tissue growth factor in cultured vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 322, 22-8	3.4	13
114	Inhibition of cultured bovine aortic endothelial cell proliferation by sodium spirulan, a new sulfated polysaccharide isolated from <i>Spirulina platensis</i> . <i>Planta Medica</i> , <b>2002</b> , 68, 505-9	3.1	13
113	Copper(II) Bis(diethyldithiocarbamate) Induces the Expression of Syndecan-4, a Transmembrane Heparan Sulfate Proteoglycan, via p38 MAPK Activation in Vascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	13
112	Transforming Growth Factor- $\beta$ Modulates the Expression of Syndecan-4 in Cultured Vascular Endothelial Cells in a Biphasic Manner. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 2009-2017	4.7	12
111	Possible mechanisms underlying transcriptional induction of metallothionein isoforms by tris(pentafluorophenyl)stibane, tris(pentafluorophenyl)arsane, and tris(pentafluorophenyl)phosphane in cultured bovine aortic endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 327-333	1.9	12
110	Repair of wounded monolayers of cultured vascular endothelial cells after simultaneous exposure to lead and zinc. <i>Toxicology Letters</i> , <b>1998</b> , 94, 181-8	4.4	12
109	Cadmium-induced alteration of glycosaminoglycans with an enhancement of heparin-like activity in cultured vascular endothelial cells. <i>Toxicology</i> , <b>1994</b> , 94, 161-71	4.4	12
108	Interaction of thrombin with heparin cofactor II and antithrombin III on prostacyclin production by cultured endothelial cells. <i>Thrombosis Research</i> , <b>1989</b> , 56, 99-107	8.2	12
107	Heparin stimulates the release of glycosaminoglycans from cultured human endothelial cells. <i>Thrombosis Research</i> , <b>1990</b> , 57, 163-8	8.2	12
106	Lead-induced alteration of heparan sulfate proteoglycans in cultured vascular endothelial cells. <i>Toxicology</i> , <b>1997</b> , 118, 1-10	4.4	11
105	Selective promotion of plasminogen activator inhibitor-1 secretion by activation of proteinase-activated receptor-1 in cultured human brain microvascular pericytes: comparison with endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2005</b> , 28, 208-11	2.3	11
104	Thrombin decreases glycosaminoglycans content of endothelial cells in culture. <i>Thrombosis Research</i> , <b>1991</b> , 61, 375-84	8.2	11
103	A possible mechanism of cadmium-copper interaction in embryonic chick bone in tissue culture. <i>Toxicology and Applied Pharmacology</i> , <b>1986</b> , 86, 243-52	4.6	11

102	Interaction between cadmium and copper in relation to the collagen metabolism of embryonic chick bone in tissue culture. <i>Toxicology and Applied Pharmacology</i> , <b>1984</b> , 75, 479-84	4.6	11
101	Intracellular accumulation-independent cytotoxicity of pentavalent organoantimony compounds in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 845-848	1.9	11
100	Resistance of human brain microvascular endothelial cells in culture to methylmercury: cell-density-dependent defense mechanisms. <i>Journal of Toxicological Sciences</i> , <b>2010</b> , 35, 287-94	1.9	10
99	Ectodomain shedding of neuroglycan C, a brain-specific chondroitin sulfate proteoglycan, by TIMP-2- and TIMP-3-sensitive proteolysis. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 1561-1568	6	10
98	Inhibition of the Association of Proteoglycans with Cultured Vascular Endothelial Cell Layers by Calcium and Sodium Spirulan.. <i>Journal of Health Science</i> , <b>2002</b> , 48, 250-255		10
97	Phorbol 12-myristate 13-acetate stimulates the release of glycosaminoglycans from cultured vascular endothelial cells: possible involvement of protein kinase C activation. <i>Thrombosis Research</i> , <b>1996</b> , 82, 379-87	8.2	10
96	Rhodamine B inhibits collagen synthesis by human lip fibroblasts in culture. <i>Toxicology Letters</i> , <b>1992</b> , 61, 81-7	4.4	10
95	Copper diethyldithiocarbamate as an inhibitor of tissue plasminogen activator synthesis in cultured human coronary endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2017</b> , 42, 553-558	1.9	9
94	S-Mercuration of ubiquitin carboxyl-terminal hydrolase L1 through Cys152 by methylmercury causes inhibition of its catalytic activity and reduction of monoubiquitin levels in SH-SY5Y cells. <i>Journal of Toxicological Sciences</i> , <b>2015</b> , 40, 887-93	1.9	9
93	Cadmium induces the production of high molecular weight heparan sulfate proteoglycan molecules in cultured vascular endothelial cells. <i>Environmental Toxicology and Pharmacology</i> , <b>1997</b> , 3, 187-94	5.8	9
92	Characterization of chondroitin/dermatan sulfate proteoglycans synthesized by bovine retinal pericytes in culture. <i>Biological and Pharmaceutical Bulletin</i> , <b>2004</b> , 27, 1763-8	2.3	9
91	Cyclic AMP-dependent pathway that mediates suppressive regulation of glycosaminoglycan production in cultured vascular endothelial cells. <i>Thrombosis Research</i> , <b>1996</b> , 82, 389-97	8.2	9
90	Cadmium stimulation of glycosaminoglycan synthesis by cultured vascular endothelial cells: comparison of various cell types. <i>Biological and Pharmaceutical Bulletin</i> , <b>1994</b> , 17, 454-7	2.3	9
89	A stimulatory effect of Artemisia leaf extract on the proliferation of cultured endothelial cells. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1990</b> , 38, 538-40	1.9	9
88	Structure-activity relationship of [1,5]azastibocines in cytotoxicity to vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2018</b> , 43, 735-740	1.9	9
87	Heparan sulfate chains potentiate cadmium cytotoxicity in cultured vascular endothelial cells. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 259-67	5.8	8
86	Synergistic cytotoxicity caused by forming a complex of copper and 2,9-dimethyl-1,10-phenanthroline in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2017</b> , 42, 683-687	1.9	8
85	Suppression of fibroblast growth factor-2 expression: possible mechanism underlying methylmercury-induced inhibition of the repair of wounded monolayers of cultured human brain microvascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2009</b> , 34, 433-9	1.9	8

84	Methylmercury Retards the Repair of Wounded Monolayer of Human Brain Microvascular Endothelial Cells by Inhibiting Their Proliferation without Nonspecific Cell Damage. <i>Journal of Health Science</i> , <b>2007</b> , 53, 450-456		8
83	Proteoglycans synthesized by cultured bovine aortic smooth muscle cells after exposure to lead: lead selectively inhibits the synthesis of versican, a large chondroitin sulfate proteoglycan. <i>Toxicology</i> , <b>2000</b> , 154, 9-19	4.4	8
82	Gardenia fruit extract does not stimulate the proliferation of cultured vascular smooth muscle cells, A10. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1991</b> , 39, 1312-4	1.9	8
81	Possible mechanism of the stimulatory effect of Artemisia leaf extract on the proliferation of cultured endothelial cells: involvement of basic fibroblast growth factor. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1990</b> , 38, 2494-7	1.9	8
80	Interaction of zinc with cadmium and copper on ossification of embryonic chick bone in tissue culture. <i>Archives of Environmental Contamination and Toxicology</i> , <b>1990</b> , 19, 653-6	3.2	8
79	Methylmercury-induced neural degeneration in rat dorsal root ganglion is associated with the accumulation of microglia/macrophages and the proliferation of Schwann cells. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 191-199	1.9	7
78	Cell Density-Dependent Fibroblast Growth Factor-2 Signaling Regulates Syndecan-4 Expression in Cultured Vascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
77	The cytotoxicity of methylmercury in human microvascular endothelial cells and pericytes in culture. <i>Biological and Pharmaceutical Bulletin</i> , <b>2012</b> , 35, 1201-5	2.3	7
76	DNA microarray analysis of human coronary artery endothelial cells exposed to cadmium. <i>Journal of Toxicological Sciences</i> , <b>2011</b> , 36, 141-3	1.9	7
75	Proteoglycans released from cultured bovine aortic endothelial cell layers by sodium spirulan are both perlecan and biglycan. <i>Biological and Pharmaceutical Bulletin</i> , <b>2005</b> , 28, 32-6	2.3	7
74	Characterization of tumor necrosis factor alpha-induced alteration of glycosaminoglycans in cultured cells: comparison among vascular smooth-muscle cells, vascular endothelial cells, Chang liver cells and LLC-PK1 cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>1993</b> , 16, 834-9	2.3	7
73	Heparin enhances thrombin-stimulated prostaglandin I <sub>2</sub> production by cultured endothelial cells. <i>Thrombosis Research</i> , <b>1990</b> , 57, 481-8	8.2	7
72	Urinary trimethyl tin reflects blood trimethyl tin in workers recycling organotins. <i>Journal of Occupational Health</i> , <b>2019</b> , 61, 257-260	2.3	6
71	Bis(1,4-dihydro-2-methyl-1-phenyl-4-thioxo-3-pyridiolato)zinc(II) exhibits strong cytotoxicity and a high intracellular accumulation in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 113-120	1.9	6
70	Sodium Arsenite Inhibits Proteoglycan Synthesis by Vascular Endothelial Cells in Culture. <i>Journal of Health Science</i> , <b>2005</b> , 51, 461-468		6
69	Modulation by endothelin-1 of tissue plasminogen activator and plasminogen activator inhibitor-1 release from cultured human vascular endothelial cells: interaction of endothelin-1 with cytokines. <i>Biological and Pharmaceutical Bulletin</i> , <b>1993</b> , 16, 714-5	2.3	6
68	Induction of metallothionein by thrombin in cultured vascular endothelial and smooth muscle cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>1995</b> , 18, 1272-4	2.3	6
67	Vascular smooth muscle cells in culture are highly sensitive to cadmium cytotoxicity without species-related differences: comparison with Chang liver cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>1995</b> , 18, 1392-5	2.3	6

66	A suitable culture medium for ossification of embryonic chick femur in organ culture. <i>Bone and Mineral</i> , <b>1990</b> , 9, 89-100		6
65	Methylmercury induces hyaluronan synthesis in cultured human brain microvascular endothelial cells and pericytes via different mechanisms. <i>Journal of Toxicological Sciences</i> , <b>2017</b> , 42, 329-333	1.9	5
64	Magnetic resonance imaging of leukoencephalopathy in amnesic workers exposed to organotin. <i>NeuroToxicology</i> , <b>2016</b> , 57, 128-135	4.4	5
63	Bis(L-cysteinato)zincate(II) as a coordination compound that induces metallothionein gene transcription without inducing cell-stress-related gene transcription. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 140-6	4.2	5
62	Characterization of an immortalized hepatic stellate cell line established from metallothionein-null mice. <i>Journal of Toxicological Sciences</i> , <b>2006</b> , 31, 391-8	1.9	5
61	Effect of Lead on the Synthesis of Tissue Plasminogen Activator by Vascular Endothelial Cells in Culture. <i>Journal of Health Science</i> , <b>1999</b> , 45, 119-125		5
60	Regulation by basic fibroblast growth factor of glycosaminoglycan biosynthesis in cultured vascular endothelial cells. <i>Microvascular Research</i> , <b>1995</b> , 49, 268-76	3.7	5
59	Alteration of glycosaminoglycans induced by cadmium in cultured vascular smooth muscle cells. <i>Archives of Toxicology</i> , <b>1994</b> , 68, 560-5	5.8	5
58	Plasmin-induced reduction of heparan sulfate in cultured vascular endothelial cell layer. <i>Thrombosis Research</i> , <b>1994</b> , 74, 85-93	8.2	5
57	Stimulation of cultured vascular smooth muscle cell proliferation by thrombospondin is potentiated by zinc. <i>Biological and Pharmaceutical Bulletin</i> , <b>1995</b> , 18, 1264-6	2.3	5
56	Stimulants from gardeniae fructus for cultured endothelial cell proliferation. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1992</b> , 40, 942-5	1.9	5
55	Gardenia fruit extract stimulates the proliferation of bovine aortic endothelial cells in culture. <i>Planta Medica</i> , <b>1990</b> , 56, 353-6	3.1	5
54	Heparin cofactor II inhibits thrombin-stimulated release of tissue plasminogen activator from cultured human endothelial cells in the presence of dermatan sulfate. <i>Thrombosis Research</i> , <b>1990</b> , 59, 269-77	8.2	5
53	Transcriptional Induction of Cystathionine $\beta$ -lyase, a Reactive Sulfur-Producing Enzyme, by Copper Diethyldithiocarbamate in Cultured Vascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
52	Nuclear factor erythroid 2-related factor 2 (NRF2) is a negative regulator of tissue plasminogen activator synthesis in cultured human vascular endothelial EA.hy926 cells. <i>Journal of Toxicological Sciences</i> , <b>2020</b> , 45, 237-243	1.9	5
51	Cell density-dependent modulation of perlecan synthesis by dichloro(2,9-dimethyl-1,10-phenanthroline)zinc(II) in vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , <b>2020</b> , 45, 109-115	1.9	4
50	Gene expression profiles in the dorsal root ganglia of methylmercury-exposed rats. <i>Journal of Toxicological Sciences</i> , <b>2019</b> , 44, 549-558	1.9	4
49	Effect of a Congolese herbal medicine used in sickle cell anemia on the expression of plasminogen activators in human coronary aortic endothelial cells culture. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 146, 594-9	5	4



48	Decreased thrombin activity by a Congolese herbal medicine used in sickle cell anemia. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 895-900	5	4
47	Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells. <i>Journal of Toxicological Sciences</i> , <b>2008</b> , 33, 487-92	1.9	4
46	The Biological Effects of Depolymerized Sodium Spirulan and Sulfated Colominic Acid on Vascular Cells are Beneficial in Preventing Atherosclerosis. <i>Journal of Health Science</i> , <b>2006</b> , 52, 205-210		4
45	Analysis of Chondroitin/Dermatan Sulfate Microstructure in Cultured Vascular Smooth Muscle Cells after Exposure to Lead and Cadmium. <i>Journal of Health Science</i> , <b>2003</b> , 49, 534-540		4
44	Stimulation of Proteoglycan Release from Cultured Vascular Endothelial Cell Layers by Sodium Spirulan. <i>Journal of Health Science</i> , <b>2004</b> , 50, 654-659		4
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