Toshiyuki Kaji

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173 papers	2,410 citations	25 h-index	38 g-index
199 ext. papers	2,619 ext. citations	3.8 avg, IF	4.68 L-index

#	Paper	IF	Citations
173	Fibroblast Growth Factor-2 Upregulates Reactive Sulfur Species Production via ERK1/2 Signal-Mediated Cystathionine γ-Lyase Induction in Cultured Bovine Aortic Endothelial Cells. *BPB Reports*, **2021**, 4, 175-181	0.3	0
172	Induction of ZIP8, a ZIP transporter, via NF-κB signaling by the activation of IκBζ and JNK signaling in cultured vascular endothelial cells exposed to cadmium. *Toxicology and Applied Pharmacology*, **2021**, 434, 115802	4.6	2
171	Syndecan-1 downregulates syndecan-4 expression by suppressing the ERK1/2 and p38 MAPK signaling pathways in cultured vascular endothelial cells. *Biochemistry and Biophysics Reports*, **2021**, 26, 101001	2.2	1
170	Hypoalgesia and recovery in methylmercury-exposed rats. *Journal of Toxicological Sciences*, **2021**, 46, 303-309	1.9	
169	A survey on the cadmium contamination in brown rice sold in Tokyo. *Fundamental Toxicological Sciences*, **2021**, 8, 33-36	0.6	1
168	Sodium trisulfide, a sulfane sulfur donor, stimulates bovine aortic endothelial cell proliferation in culture. *Journal of Toxicological Sciences*, **2021**, 46, 341-344	1.9	1
167	Arsenite induces tissue factor synthesis through Nrf2 activation in cultured human aortic smooth muscle cells. *Journal of Toxicological Sciences*, **2021**, 46, 187-192	1.9	
166	Effects of Substitution on Cytotoxicity of Diphenyl Ditelluride in Cultured Vascular Endothelial Cells. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
165	Cadmium induces plasminogen activator inhibitor-1 via Smad2/3 signaling pathway in human endothelial EA.hy926 cells. *Journal of Toxicological Sciences*, **2021**, 46, 249-253	1.9	2
164	Zn(ii)2,9-dimethyl-1,10-phenanthroline stimulates cultured bovine aortic endothelial cell proliferation.. *RSC Advances*, **2020**, 10, 42327-42337	3.7	3
163	Arsenite inhibits gene expression of perlecan, syndecan-1, -2, -3 and biglycan in cultured vascular endothelial cells. *Fundamental Toxicological Sciences*, **2020**, 7, 77-83	0.6	2
162	Cell Density-Dependent Fibroblast Growth Factor-2 Signaling Regulates Syndecan-4 Expression in Cultured Vascular Endothelial Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
161	Cell density-dependent modulation of perlecan synthesis by dichloro(2,9-dimethyl-1,10-phenanthroline)zinc(II) in vascular endothelial cells. *Journal of Toxicological Sciences*, **2020**, 45, 109-115	1.9	4
160	Induction of metallothionein isoforms in cultured bovine aortic endothelial cells exposed to cadmium. *Journal of Toxicological Sciences*, **2020**, 45, 801-806	1.9	0
159	Nucleolin positively regulates spontaneous cell proliferation but is not involved in inhibition of proliferation by lead in cultured bovine aortic endothelial cells. *Fundamental Toxicological Sciences*, **2020**, 7, 233-239	0.6	
158	Nucleolin Knockdown Enhances Cadmium Cytotoxicity in Cultured Vascular Endothelial Cells. *BPB Reports*, **2020**, 3, 142-145	0.3	
157	Cell density-dependent accumulation of low polarity gold nanocluster in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2020**, 45, 795-800	1.9	1

156	ATP and ADP enhance DNA damage repair in γ-irradiated BEAS-2B human bronchial epithelial cells through activation of P2X7 and P2Y12 receptors. *Toxicology and Applied Pharmacology*, **2020**, 407, 115240	4.6	2
155	Transcriptional Induction of Cystathionine γ-Lyase, a Reactive Sulfur-Producing Enzyme, by Copper Diethyldithiocarbamate in Cultured Vascular Endothelial Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
154	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. *Journal of Toxicological Sciences*, **2020**, 45, 237-243	1.9	5
153	Urinary trimethyl tin reflects blood trimethyl tin in workers recycling organotins. *Journal of Occupational Health*, **2019**, 61, 257-260	2.3	6
152	Methylmercury-induced neural degeneration in rat dorsal root ganglion is associated with the accumulation of microglia/macrophages and the proliferation of Schwann cells. *Journal of Toxicological Sciences*, **2019**, 44, 191-199	1.9	7
151	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. *Journal of Toxicological Sciences*, **2019**, 44, 113-120	1.9	6
150	Gene expression profiles in the dorsal root ganglia of methylmercury-exposed rats. *Journal of Toxicological Sciences*, **2019**, 44, 549-558	1.9	4
149	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. *Journal of Toxicological Sciences*, **2019**, 44, 327-333	1.9	12
148	Induction of Versican V0 Variant Synthesis by A Thrombin Receptor Agonist Peptide in Cultured Human Coronary Smooth Muscle Cells. *BPB Reports*, **2019**, 2, 106-112	0.3	1
147	Intracellular accumulation-independent cytotoxicity of pentavalent organoantimony compounds in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2019**, 44, 845-848	1.9	11
146	A zinc complex that suppresses the expression of a reactive sulfur species-producing enzyme, cystathionine γ-lyase, in cultured vascular endothelial cells. *Fundamental Toxicological Sciences*, **2018**, 5, 181-184	0.6	2
145	Structure-activity relationship of [1,5]azastibocines in cytotoxicity to vascular endothelial cells. *Journal of Toxicological Sciences*, **2018**, 43, 735-740	1.9	9
144	Copper(II) Bis(diethyldithiocarbamate) Induces the Expression of Syndecan-4, a Transmembrane Heparan Sulfate Proteoglycan, via p38 MAPK Activation in Vascular Endothelial Cells. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
143	Transforming Growth Factor-β Modulates the Expression of Syndecan-4 in Cultured Vascular Endothelial Cells in a Biphasic Manner. *Journal of Cellular Biochemistry*, **2017**, 118, 2009-2017	4.7	12
142	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. *Toxicology*, **2017**, 392, 40-46	4.4	15
141	Copper diethyldithiocarbamate as an inhibitor of tissue plasminogen activator synthesis in cultured human coronary endothelial cells. *Journal of Toxicological Sciences*, **2017**, 42, 553-558	1.9	9
140	Methylmercury induces hyaluronan synthesis in cultured human brain microvascular endothelial cells and pericytes via different mechanisms. *Journal of Toxicological Sciences*, **2017**, 42, 329-333	1.9	5
139	Biglycan Intensifies ALK5-Smad2/3 Signaling by TGF-β and Downregulates Syndecan-4 in Cultured Vascular Endothelial Cells. *Journal of Cellular Biochemistry*, **2017**, 118, 1087-1096	4.7	22

138	Synergistic cytotoxicity caused by forming a complex of copper and 2,9-dimethyl-1,10-phenanthroline in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2017**, 42, 683-687	1.9	8
137	Induction of Syndecan-4 by Organic-Inorganic Hybrid Molecules with a 1,10-Phenanthroline Structure in Cultured Vascular Endothelial Cells. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	16
136	Cytotoxicity of zinc, copper and rhodium complexes with 1,10-phenanthroline or 2,9-dimethyl-1,10-phenanthroline in cultured vascular endothelial cells. *Fundamental Toxicological Sciences*, **2016**, 3, 109-113	0.6	14
135	Zinc diethyldithiocarbamate as an inducer of metallothionein in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2016**, 41, 217-24	1.9	14
134	Induction of metallothionein isoforms by copper diethyldithiocarbamate in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2016**, 41, 225-32	1.9	25
133	Magnetic resonance imaging of leukoencephalopathy in amnestic workers exposed to organotin. *NeuroToxicology*, **2016**, 57, 128-135	4.4	5
132	Heparan sulfate chains potentiate cadmium cytotoxicity in cultured vascular endothelial cells. *Archives of Toxicology*, **2016**, 90, 259-67	5.8	8
131	Copper diethyldithiocarbamate as an activator of Nrf2 in cultured vascular endothelial cells. *Journal of Biological Inorganic Chemistry*, **2016**, 21, 263-73	3.7	20
130	Partial contribution of the Keap1-Nrf2 system to cadmium-mediated metallothionein expression in vascular endothelial cells. *Toxicology and Applied Pharmacology*, **2016**, 295, 37-46	4.6	32
129	Toxicology of organic-inorganic hybrid molecules: bio-organometallics and its toxicology. *Journal of Toxicological Sciences*, **2016**, 41, SP81-SP88	1.9	16
128	Transcriptional Induction of Metallothionein by Tris(pentafluorophenyl)stibane in Cultured Bovine Aortic Endothelial Cells. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	20
127	Methylmercury, an environmental electrophile capable of activation and disruption of the Akt/CREB/Bcl-2 signal transduction pathway in SH-SY5Y cells. *Scientific Reports*, **2016**, 6, 28944	4.9	37
126	The cytotoxicity of organobismuth compounds with certain molecular structures can be diminished by replacing the bismuth atom with an antimony atom in the molecules. *Journal of Toxicological Sciences*, **2015**, 40, 321-7	1.9	31
125	Comparative cytotoxicity of triphenylstibane and fluorine-substituted triarylpnictogens in cultured vascular endothelial cells. *Fundamental Toxicological Sciences*, **2015**, 2, 61-66	0.6	15
124	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. *Journal of Toxicological Sciences*, **2015**, 40, 887-93	1.9	9
123	Glutathione-mediated reversibility of covalent modification of ubiquitin carboxyl-terminal hydrolase L1 by 1,2-naphthoquinone through Cys152, but not Lys4. *Chemico-Biological Interactions*, **2014**, 214, 41-8	5	15
122	Effect of a Congolese herbal medicine used in sickle cell anemia on the expression of plasminogen activators in human coronary aortic endothelial cells culture. *Journal of Ethnopharmacology*, **2013**, 146, 594-9	5	4
121	Decreased thrombin activity by a Congolese herbal medicine used in sickle cell anemia. *Journal of Ethnopharmacology*, **2013**, 148, 895-900	5	4

120	Convenient method to assess chemical modification of protein thiols by electrophilic metals. *Journal of Toxicological Sciences*, **2013**, 38, 477-84	1.9	29
119	Expression of VEGF-related proteins in cultured human brain microvascular endothelial cells and pericytes after exposure to methylmercury. *Journal of Toxicological Sciences*, **2013**, 38, 837-45	1.9	16
118	The cytotoxicity of methylmercury in human microvascular endothelial cells and pericytes in culture. *Biological and Pharmaceutical Bulletin*, **2012**, 35, 1201-5	2.3	7
117	Cellular defense mechanisms against lead toxicity in the vascular system. *Biological and Pharmaceutical Bulletin*, **2012**, 35, 1885-91	2.3	23
116	Bis(L-cysteinato)zincate(II) as a coordination compound that induces metallothionein gene transcription without inducing cell-stress-related gene transcription. *Journal of Inorganic Biochemistry*, **2012**, 117, 140-6	4.2	5
115	S-Mercuration of rat sorbitol dehydrogenase by methylmercury causes its aggregation and the release of the zinc ion from the active site. *Archives of Toxicology*, **2012**, 86, 1693-702	5.8	13
114	Bismuth protects against arsenite-induced inhibition of proteoglycan synthesis in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2012**, 37, 837-43	1.9	3
113	DNA microarray analysis of human coronary artery endothelial cells exposed to cadmium. *Journal of Toxicological Sciences*, **2011**, 36, 141-3	1.9	7
112	Protective effect of pretreatment with cilostazol on cytotoxicity of cadmium and arsenite in cultured vascular endothelial cells. *Journal of Toxicological Sciences*, **2011**, 36, 155-61	1.9	16
111	Lead induces the expression of endoplasmic reticulum chaperones GRP78 and GRP94 in vascular endothelial cells via the JNK-AP-1 pathway. *Toxicological Sciences*, **2010**, 114, 378-86	4.4	54
110	Cell-density-dependent methylmercury susceptibility of cultured human brain microvascular pericytes. *Toxicology in Vitro*, **2010**, 24, 835-41	3.6	14
109	Resistance of human brain microvascular endothelial cells in culture to methylmercury: cell-density-dependent defense mechanisms. *Journal of Toxicological Sciences*, **2010**, 35, 287-94	1.9	10
108	Role of aquaporin 9 in cellular accumulation of arsenic and its cytotoxicity in primary mouse hepatocytes. *Toxicology and Applied Pharmacology*, **2009**, 237, 232-6	4.6	43
107	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. *Journal of Toxicological Sciences*, **2009**, 34, 433-9	1.9	8
106	Adiponectin as an inducer of decorin synthesis in cultured vascular smooth muscle cells. *Life Sciences*, **2008**, 83, 447-52	6.8	3
105	Arsenite but not arsenate inhibits general proteoglycan synthesis in cultured arterial smooth muscle cells. *Journal of Toxicological Sciences*, **2008**, 33, 487-92	1.9	4
104	Homocysteine Inhibits Proteoglycan Synthesis in Cultured Bovine Aortic Smooth Muscle Cells. *Journal of Health Science*, **2008**, 54, 56-65		2
103	Ectodomain shedding of neuroglycan C, a brain-specific chondroitin sulfate proteoglycan, by TIMP-2- and TIMP-3-sensitive proteolysis. *Journal of Neurochemistry*, **2007**, 102, 1561-1568	6	10

102	Conversion of cannabidiol to Δ-tetrahydrocannabinol and related cannabinoids in artificial gastric juice, and their pharmacological effects in mice. *Forensic Toxicology*, **2007**, 25, 16-21	2.6	46
101	Methylmercury Retards the Repair of Wounded Monolayer of Human Brain Microvascular Endothelial Cells by Inhibiting Their Proliferation without Nonspecific Cell Damage. *Journal of Health Science*, **2007**, 53, 450-456		8
100	Effects of Application Using Coated Urea and Dicyandiamide for Tea Field. *Chagyo Kenkyu Hokoku (Tea Research Journal)*, **2007**, 2007, 41-50	0.1	1
99	Identification and functions of chondroitin sulfate in the milieu of neural stem cells. *Journal of Biological Chemistry*, **2006**, 281, 5982-91	5.4	107
98	The vascular endothelial growth factor VEGF165 induces perlecan synthesis via VEGF receptor-2 in cultured human brain microvascular endothelial cells. *Biochimica Et Biophysica Acta - General Subjects*, **2006**, 1760, 1465-74	4	30
97	Colominic acid inhibits the proliferation of cultured bovine aortic endothelial cells and injures their monolayers: cell density-dependent effects prevented by sulfation. *Life Sciences*, **2006**, 78, 844-50	6.8	3
96	The Biological Effects of Depolymerized Sodium Spirulan and Sulfated Colominic Acid on Vascular Cells are Beneficial in Preventing Atherosclerosis. *Journal of Health Science*, **2006**, 52, 205-210		4
95	Characterization of an immortalized hepatic stellate cell line established from metallothionein-null mice. *Journal of Toxicological Sciences*, **2006**, 31, 391-8	1.9	5
94	A Novel Transmetallation of Triarylstibanes into Arylboronate: Boro-induced Ipso-deantimonation and Its Theoretical Calculation. *Chemistry Letters*, **2006**, 35, 1402-1403	1.7	3
93	An Organobismuth Compound that Exhibits Selective Cytotoxicity to Vascular Endothelial Cells in Vitro. *Journal of Health Science*, **2005**, 51, 333-340		27
92	Sodium Arsenite Inhibits Proteoglycan Synthesis by Vascular Endothelial Cells in Culture. *Journal of Health Science*, **2005**, 51, 461-468		6
91	Proteoglycans Predominantly Synthesized by Human Brain Microvascular Endothelial Cells in Culture are Perlecan and Biglycan. *Journal of Health Science*, **2005**, 51, 576-583		16
90	Proteoglycan Synthesis is Not Influenced by Zinc in Proliferating Bovine Aortic Endothelial Cells in Culture. *Journal of Health Science*, **2005**, 51, 720-727		1
89	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. *Biological and Pharmaceutical Bulletin*, **2005**, 28, 208-11	2.3	11
88	Proteoglycans released from cultured bovine aortic endothelial cell layers by sodium spirulan are both perlecan and biglycan. *Biological and Pharmaceutical Bulletin*, **2005**, 28, 32-6	2.3	7
87	Inhibition of cultured bovine aortic smooth muscle cell proliferation by colominic acid. *Biological and Pharmaceutical Bulletin*, **2005**, 28, 994-7	2.3	3
86	Differential regulation of biglycan and decorin synthesis by connective tissue growth factor in cultured vascular endothelial cells. *Biochemical and Biophysical Research Communications*, **2004**, 322, 22-8	3.4	13
85	Sodium spirulan as a potent inhibitor of arterial smooth muscle cell proliferation in vitro. *Life Sciences*, **2004**, 74, 2431-9	6.8	25

84	Stimulation of Proteoglycan Release from Cultured Vascular Endothelial Cell Layers by Sodium Spirulan. *Journal of Health Science*, **2004**, 50, 654-659		4
83	Disaccharide Composition of Glycosaminoglycan Chains in Growing Vascular Endothelial Cells in Culture after Exposure to Lead. *Journal of Health Science*, **2004**, 50, 660-665		2
82	Characterization of chondroitin/dermatan sulfate proteoglycans synthesized by bovine retinal pericytes in culture. *Biological and Pharmaceutical Bulletin*, **2004**, 27, 1763-8	2.3	9
81	Vascular Smooth Muscle Cells on Culture Express Tumor Necrosis Factor-.ALPHA. That Suppresses Collagen Synthesis Depending on Cell Density.. *Journal of Health Science*, **2003**, 49, 115-122		3
80	Differential Effects of Sodium Spirulan on the Secretion of Fibrinolytic Proteins from Vascular Endothelial Cells: Enhancement of Plasminogen Activator Activity. *Journal of Health Science*, **2003**, 49, 405-409		15
79	Analysis of Chondroitin/Dermatan Sulfate Microstructure in Cultured Vascular Smooth Muscle Cells after Exposure to Lead and Cadmium. *Journal of Health Science*, **2003**, 49, 534-540		4
78	Atherosclerosis and extracellular matrix. *Journal of Atherosclerosis and Thrombosis*, **2003**, 10, 267-74	4	195
77	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. *Toxicology*, **2002**, 170, 89-101	4.4	15
76	Inhibition of cultured bovine aortic endothelial cell proliferation by sodium spirulan, a new sulfated polysaccharide isolated from Spirulina platensis. *Planta Medica*, **2002**, 68, 505-9	3.1	13
75	Perspectives on cadmium toxicity research. *Tohoku Journal of Experimental Medicine*, **2002**, 196, 23-32	2.4	71
74	Inhibition of the Association of Proteoglycans with Cultured Vascular Endothelial Cell Layers by Calcium and Sodium Spirulan.. *Journal of Health Science*, **2002**, 48, 250-255		10
73	Induction of Plasminogen Activator Inhibitor Type 1 Synthesis by Cadmium in Human Vascular Endothelial Cells in Culture.. *Journal of Health Science*, **2002**, 48, 55-61		14
72	Effects of Tumor Necrosis Factor-.ALPHA. on the Synthesis of DNA, the Secretion of Matrix Metalloproteinases/Tissue Inhibitors of Metalloproteinases, and the Activity of Invasive Migration in Cultured Vascular Smooth Muscle Cells.. *Journal of Health Science*, **2002**, 48, 354-358		4
71	Suppression of Proteoglycan Synthesis by Calcium Ionophore A23187 in Cultured Vascular Endothelial Cells: Implication of Intracellular Calcium Accumulation in Lead Inhibition of Endothelial Proteoglycan Synthesis.. *Journal of Health Science*, **2002**, 48, 460-466		2
70	Repair of wounded monolayers of cultured bovine aortic endothelial cells is inhibited by calcium spirulan, a novel sulfated polysaccharide isolated from Spirulina platensis. *Life Sciences*, **2002**, 70, 1841-8	6.8	28
69	Inhibition of the Repair of Injured Endothelial Cell Monolayers by Lead and Its Possible Mechanisms. *Journal of Health Science*, **2000**, 46, 1-4		18
68	Selective Increase in Decorin Core mRNA Level in Cultured Vascular Smooth Muscle Cells after Exposure to Advanced Glycation End products.. *Journal of Health Science*, **2000**, 46, 223-227		2
67	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. *Toxicology*, **2000**, 154, 9-19	4.4	8

66	Cell density-dependent regulation of proteoglycan synthesis by transforming growth factor-beta(1) in cultured bovine aortic endothelial cells. *Journal of Biological Chemistry*, **2000**, 275, 1463-70	5.4	65
65	Possible mechanism for lead inhibition of vascular endothelial cell proliferation: a lower response to basic fibroblast growth factor through inhibition of heparan sulfate synthesis. *Toxicology*, **1999**, 133, 147-57	4.4	25
64	Lead inhibits the core protein synthesis of a large heparan sulfate proteoglycan perlecan by proliferating vascular endothelial cells in culture. *Toxicology*, **1999**, 133, 159-69	4.4	19
63	Effect of Lead on the Synthesis of Tissue Plasminogen Activator by Vascular Endothelial Cells in Culture. *Journal of Health Science*, **1999**, 45, 119-125		5
62	Repair of wounded monolayers of cultured vascular endothelial cells after simultaneous exposure to lead and zinc. *Toxicology Letters*, **1998**, 94, 181-8	4.4	12
61	Promotion of cultured vascular smooth muscle cell proliferation by low levels of cadmium. *Toxicology Letters*, **1998**, 94, 175-80	4.4	38
60	Cadmium induces the production of high molecular weight heparan sulfate proteoglycan molecules in cultured vascular endothelial cells. *Environmental Toxicology and Pharmacology*, **1997**, 3, 187-94	5.8	9
59	Thrombin reduces large heparan sulfate proteoglycan molecules in cultured vascular endothelial cell layers through inhibition of core protein synthesis. *Thrombosis Research*, **1997**, 88, 299-307	8.2	14
58	Basic fibroblast growth factor-induced glycosaminoglycan production in cultured vascular endothelial cells results from enhanced protein synthesis mediated by the lipoxygenase pathway. *Life Sciences*, **1997**, 60, 873-81	6.8	2
57	Tolerance to cadmium cytotoxicity is induced by zinc through non-metallothionein mechanisms as well as metallothionein induction in cultured cells. *Toxicology*, **1997**, 118, 85-92	4.4	20
56	Lead-induced alteration of heparan sulfate proteoglycans in cultured vascular endothelial cells. *Toxicology*, **1997**, 118, 1-10	4.4	11
55	Sensitive response of cultured vascular smooth-muscle cells to cadmium cytotoxicity: comparison with cultured vascular endothelial cells and kidney epithelial LLC-PK1 cells. *Toxicology Letters*, **1996**, 89, 131-7	4.4	21
54	Phorbol 12-myristate 13-acetate stimulates the release of glycosaminoglycans from cultured vascular endothelial cells: possible involvement of protein kinase C activation. *Thrombosis Research*, **1996**, 82, 379-87	8.2	10
53	Cyclic AMP-dependent pathway that mediates suppressive regulation of glycosaminoglycan production in cultured vascular endothelial cells. *Thrombosis Research*, **1996**, 82, 389-97	8.2	9
52	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. *Toxicology*, **1996**, 106, 179-85	4.4	17
51	Effect of a Chinese Medical Preparation, Hokoei-to, on Lipids in Blood and Involvement of Cells of Vascular Origin. *Phytotherapy Research*, **1996**, 10, 224-227	6.7	2
50	Regulation by basic fibroblast growth factor of glycosaminoglycan biosynthesis in cultured vascular endothelial cells. *Microvascular Research*, **1995**, 49, 268-76	3.7	5
49	Zinc-induced tolerance to cadmium cytotoxicity without metallothionein induction in cultured bovine aortic endothelial cells. *Toxicology Letters*, **1995**, 75, 85-92	4.4	14

48	Stimulation of cultured vascular smooth muscle cell proliferation by thrombospondin is potentiated by zinc. *Biological and Pharmaceutical Bulletin*, **1995**, 18, 1264-6	2.3	5
47	Induction of metallothionein by thrombin in cultured vascular endothelial and smooth muscle cells. *Biological and Pharmaceutical Bulletin*, **1995**, 18, 1272-4	2.3	6
46	Vascular smooth muscle cells in culture are highly sensitive to cadmium cytotoxicity without species-related differences: comparison with Chang liver cells. *Biological and Pharmaceutical Bulletin*, **1995**, 18, 1392-5	2.3	6
45	Inhibitory effect of lead on the proliferation of cultured vascular endothelial cells. *Toxicology*, **1995**, 95, 87-92	4.4	31
44	Alteration of glycosaminoglycans induced by cadmium in cultured vascular smooth muscle cells. *Archives of Toxicology*, **1994**, 68, 560-5	5.8	5
43	Cadmium-induced alteration of glycosaminoglycans with an enhancement of heparin-like activity in cultured vascular endothelial cells. *Toxicology*, **1994**, 94, 161-71	4.4	12
42	Transforming growth factor beta-induced tolerance to cadmium cytotoxicity in cultured vascular endothelial cells. *Toxicology*, **1994**, 88, 69-79	4.4	2
41	Plasmin-induced reduction of heparan sulfate in cultured vascular endothelial cell layer. *Thrombosis Research*, **1994**, 74, 85-93	8.2	5
40	Calcium regulation of tissue plasminogen activator and plasminogen activator inhibitor-1 release from cultured human vascular endothelial cells. *Thrombosis Research*, **1994**, 74, 163-8	8.2	17
39	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. *Thrombosis Research*, **1994**, 73, 255-63	8.2	18
38	Suppression of plasminogen activator inhibitor type 1 release from cultured human umbilical vein endothelial cells by basic fibroblast growth factor. *Life Sciences*, **1994**, 54, 1563-9	6.8	4
37	Stimulation by zinc of cultured vascular endothelial cell proliferation: possible involvement of endogenous basic fibroblast growth factor. *Life Sciences*, **1994**, 55, 1781-7	6.8	29
36	Cadmium stimulation of glycosaminoglycan synthesis by cultured vascular endothelial cells: comparison of various cell types. *Biological and Pharmaceutical Bulletin*, **1994**, 17, 454-7	2.3	9
35	Stimulatory Effect of Cadmium on the Release of Plasminogen Activator Inhibitor-1 from Cultured Human Vascular Endothelial Cells (Proceedings of the 19th Symposium on Toxicology and Environmental Health). *Japanese Journal of Toxicology and Environmental Health*, **1994**, 40, P22-P22		
34	Cadmium-Induced Alteration of Glycosaminoglycans in Cultured Vascular Endothelial Cells (Proceedings of the 19th Symposium on Toxicology and Environmental Health). *Japanese Journal of Toxicology and Environmental Health*, **1994**, 40, P33-P33		
33	Metallothionein induction by cadmium, cytokines, thrombin and endothelin-1 in cultured vascular endothelial cells. *Life Sciences*, **1993**, 53, 1185-91	6.8	24
32	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. *Biological and Pharmaceutical Bulletin*, **1993**, 16, 714-5	2.3	6
31	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. *Biological and Pharmaceutical Bulletin*, **1993**, 16, 834-9	2.3	7

30	Cadmium stimulation of plasminogen activator inhibitor-1 release from human vascular endothelial cells in culture. *Toxicology*, **1993**, 83, 215-23	4.4	37
29	Stimulants from gardeniae fructus for cultured endothelial cell proliferation. *Chemical and Pharmaceutical Bulletin*, **1992**, 40, 942-5	1.9	5
28	Rhodamine B inhibits collagen synthesis by human lip fibroblasts in culture. *Toxicology Letters*, **1992**, 61, 81-7	4.4	10
27	Effect of endothelin on the release of tissue plasminogen activator and plasminogen activator inhibitor-1 from cultured human endothelial cells and interaction with thrombin. *Thrombosis Research*, **1992**, 67, 619-24	8.2	20
26	Plasmin stimulates the release of dermatan sulfate from vascular smooth muscle cells in culture. *Thrombosis Research*, **1992**, 65, 791-9	8.2	
25	Effect of cadmium on the monolayer maintenance of vascular endothelial cells in culture. *Toxicology*, **1992**, 71, 267-76	4.4	54
24	Inhibitory effect of lead on the release of tissue plasminogen activator from human vascular endothelial cells in culture. *Toxicology*, **1992**, 73, 219-27	4.4	31
23	Possible mechanism for zinc protection against cadmium cytotoxicity in cultured vascular endothelial cells. *Toxicology*, **1992**, 76, 257-70	4.4	50
22	Low molecular weight heparin enhances prostacyclin production by cultured human endothelial cells. *Chemical and Pharmaceutical Bulletin*, **1991**, 39, 3368-9	1.9	2
21	Gardenia fruit extract does not stimulate the proliferation of cultured vascular smooth muscle cells, A10. *Chemical and Pharmaceutical Bulletin*, **1991**, 39, 1312-4	1.9	8
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19	Effect of lead on the glycosaminoglycans metabolism of bovine aortic endothelial cells in culture. *Toxicology*, **1991**, 68, 249-57	4.4	17
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