

Yasumasa Ikeda

List of Publications by Citations

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118
papers

2,217
citations

26
h-index

44
g-index

129
ext. papers

2,585
ext. citations

4.3
avg, IF

4.16
L-index

#	Paper	IF	Citations
118	Disruption of nuclear vitamin D receptor gene causes enhanced thrombogenicity in mice. <i>Journal of Biological Chemistry</i> , 2004 , 279, 35798-802	5.4	175
117	Cardiac-specific deletion of LKB1 leads to hypertrophy and dysfunction. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35839-49	5.4	119
116	Androgen receptor gene knockout male mice exhibit impaired cardiac growth and exacerbation of angiotensin II-induced cardiac fibrosis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 29661-6	5.4	112
115	Estrogen regulates hepcidin expression via GPR30-BMP6-dependent signaling in hepatocytes. <i>PLoS ONE</i> , 2012 , 7, e40465	3.7	88
114	Adiponectin deficiency: a model of pulmonary hypertension associated with pulmonary vascular disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 297, L432-8	5.8	88
113	Pharmacology in health food: metabolism of quercetin in vivo and its protective effect against arteriosclerosis. <i>Journal of Pharmacological Sciences</i> , 2011 , 115, 466-70	3.7	76
112	Pitavastatin, an HMG-CoA reductase inhibitor, exerts eNOS-independent protective actions against angiotensin II induced cardiovascular remodeling and renal insufficiency. <i>Circulation Research</i> , 2008 , 102, 68-76	15.7	70
111	Iron reduction by deferoxamine leads to amelioration of adiposity via the regulation of oxidative stress and inflammation in obese and type 2 diabetes KKAY mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E77-86	6	69
110	Heparin cofactor II is a novel protective factor against carotid atherosclerosis in elderly individuals. <i>Circulation</i> , 2004 , 109, 2761-5	16.7	62
109	Deferoxamine promotes angiogenesis via the activation of vascular endothelial cell function. <i>Atherosclerosis</i> , 2011 , 215, 339-47	3.1	54
108	Androgen receptor counteracts Doxorubicin-induced cardiotoxicity in male mice. <i>Molecular Endocrinology</i> , 2010 , 24, 1338-48		52
107	Androgen-androgen receptor system protects against angiotensin II-induced vascular remodeling. <i>Endocrinology</i> , 2009 , 150, 2857-64	4.8	52
106	Iron chelation by deferoxamine prevents renal interstitial fibrosis in mice with unilateral ureteral obstruction. <i>PLoS ONE</i> , 2014 , 9, e89355	3.7	50
105	Cyclooxygenase-2 induction by adiponectin is regulated by a sphingosine kinase-1 dependent mechanism in cardiac myocytes. <i>FEBS Letters</i> , 2008 , 582, 1147-50	3.8	46
104	Endothelial nitric oxide synthase-independent protective action of statin against angiotensin II-induced atrial remodeling via reduced oxidant injury. <i>Hypertension</i> , 2010 , 55, 918-23	8.5	45
103	Androgen receptor promotes sex-independent angiogenesis in response to ischemia and is required for activation of vascular endothelial growth factor receptor signaling. <i>Circulation</i> , 2013 , 128, 60-71	16.7	42
102	Smooth muscle cell-specific Hif-1 β deficiency suppresses angiotensin II-induced vascular remodeling in mice. <i>Cardiovascular Research</i> , 2014 , 102, 460-8	9.9	40

101	Dietary nitrite ameliorates renal injury in L-NAME-induced hypertensive rats. <i>Nitric Oxide - Biology and Chemistry</i> , 2010 , 22, 98-103	5	40
100	Deletion of hypoxia-inducible factor-1 in adipocytes enhances glucagon-like peptide-1 secretion and reduces adipose tissue inflammation. <i>PLoS ONE</i> , 2014 , 9, e93856	3.7	39
99	Strain-dependent embryonic lethality and exaggerated vascular remodeling in heparin cofactor II-deficient mice. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1514-26	15.9	38
98	Dietary iron restriction inhibits progression of diabetic nephropathy in db/db mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F1028-36	4.3	36
97	Dehydroepiandrosterone sulfate is inversely associated with sex-dependent diverse carotid atherosclerosis regardless of endothelial function. <i>Atherosclerosis</i> , 2010 , 212, 310-5	3.1	35
96	High plasma aldosterone concentration is a novel risk factor of cognitive impairment in patients with hypertension. <i>Hypertension Research</i> , 2011 , 34, 74-8	4.7	32
95	Transforming Growth Factor- β as a Common Target Molecule for Development of Cardiovascular Diseases, Renal Insufficiency and Metabolic Syndrome. <i>Cardiology Research and Practice</i> , 2010 , 2011, 175381	1.9	31
94	The uremic toxin indoxyl sulfate interferes with iron metabolism by regulating hepcidin in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 586-597	4.3	30
93	Heparin cofactor II, a serine protease inhibitor, promotes angiogenesis via activation of the AMP-activated protein kinase-endothelial nitric-oxide synthase signaling pathway. <i>Journal of Biological Chemistry</i> , 2012 , 287, 34256-63	5.4	25
92	Effects of androgens on cardiovascular remodeling. <i>Journal of Endocrinology</i> , 2012 , 214, 1-10	4.7	25
91	Systemic preconditioning by a prolyl hydroxylase inhibitor promotes prevention of skin flap necrosis via HIF-1-induced bone marrow-derived cells. <i>PLoS ONE</i> , 2012 , 7, e42964	3.7	24
90	Inhibition of thrombin action ameliorates insulin resistance in type 2 diabetic db/db mice. <i>Endocrinology</i> , 2010 , 151, 513-9	4.8	23
89	Iron-induced skeletal muscle atrophy involves an Akt-forkhead box O3-E3 ubiquitin ligase-dependent pathway. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016 , 35, 66-76	4.1	21
88	Basic fibroblast growth factor regulates glucose metabolism through glucose transporter 1 induced by hypoxia-inducible factor-1 in adipocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 1602-11	5.6	21
87	Heparin cofactor II protects against angiotensin II-induced cardiac remodeling via attenuation of oxidative stress in mice. <i>Hypertension</i> , 2010 , 56, 430-6	8.5	21
86	Dietary iron restriction alleviates renal tubulointerstitial injury induced by protein overload in mice. <i>Scientific Reports</i> , 2017 , 7, 10621	4.9	19
85	Renoprotective effects of a factor Xa inhibitor: fusion of basic research and a database analysis. <i>Scientific Reports</i> , 2018 , 8, 10858	4.9	17
84	Effect of angiotensin II on iron-transporting protein expression and subsequent intracellular labile iron concentration in human glomerular endothelial cells. <i>Hypertension Research</i> , 2010 , 33, 713-21	4.7	17

83	Roles of the Androgen--Androgen Receptor System in Vascular Angiogenesis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016 , 23, 257-65	4	16
82	Development of a novel aortic dissection mouse model and evaluation of drug efficacy using in-vivo assays and database analyses. <i>Journal of Hypertension</i> , 2019 , 37, 73-83	1.9	16
81	Heparin cofactor II is an independent protective factor against peripheral arterial disease in elderly subjects with cardiovascular risk factors. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009 , 16, 127-34	4	15
80	Bilirubin exerts pro-angiogenic property through Akt-eNOS-dependent pathway. <i>Hypertension Research</i> , 2015 , 38, 733-40	4.7	14
79	Mechanisms of the pH- and Oxygen-Dependent Oxidation Activities of Artesunate. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 555-563	2.3	14
78	A long-term high-fat diet changes iron distribution in the body, increasing iron accumulation specifically in the mouse spleen. <i>Journal of Nutritional Science and Vitaminology</i> , 2015 , 61, 20-7	1.1	13
77	Infective endocarditis caused by lactobacillus. <i>Internal Medicine</i> , 2008 , 47, 1113-6	1.1	13
76	Topical application of nitrosonifedipine, a novel radical scavenger, ameliorates ischemic skin flap necrosis in a mouse model. <i>Wound Repair and Regeneration</i> , 2017 , 25, 217-223	3.6	12
75	Iron suppresses erythropoietin expression via oxidative stress-dependent hypoxia-inducible factor-2 alpha inactivation. <i>Laboratory Investigation</i> , 2017 , 97, 555-566	5.9	12
74	Angiotensin II alters the expression of duodenal iron transporters, hepatic hepcidin, and body iron distribution in mice. <i>European Journal of Nutrition</i> , 2015 , 54, 709-19	5.2	12
73	Proton pump inhibitors block iron absorption through direct regulation of hepcidin via the aryl hydrocarbon receptor-mediated pathway. <i>Toxicology Letters</i> , 2020 , 318, 86-91	4.4	12
72	Nitrosonifedipine ameliorates angiotensin II-induced vascular remodeling via antioxidative effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013 , 386, 29-39	3.4	11
71	Hydrocortisone administration was associated with improved survival in Japanese patients with cardiac arrest. <i>Scientific Reports</i> , 2017 , 7, 17919	4.9	11
70	Diphenhydramine may be a preventive medicine against cisplatin-induced kidney toxicity. <i>Kidney International</i> , 2021 , 99, 885-899	9.9	11
69	Irinotecan-induced neutropenia is reduced by oral alkalization drugs: analysis using retrospective chart reviews and the spontaneous reporting database. <i>Supportive Care in Cancer</i> , 2019 , 27, 849-856	3.9	10
68	Angiotensin II receptor blocker improves tumor necrosis factor- β -induced cytotoxicity via antioxidative effect in human glomerular endothelial cells. <i>Pharmacology</i> , 2012 , 90, 324-31	2.3	10
67	Bovine milk-derived lactoferrin exerts proangiogenic effects in an Src-Akt-eNOS-dependent manner in response to ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 2013 , 61, 423-9	3.1	10
66	Acute myocardial infarction in a patient with essential thrombocythemia who underwent successful stenting--a case report. <i>Angiology</i> , 2005 , 56, 771-4	2.1	10

65	Iron accumulation causes impaired myogenesis correlated with MAPK signaling pathway inhibition by oxidative stress. <i>FASEB Journal</i> , 2019 , 33, 9551-9564	0.9	9
64	Overexpressed HIF-2 α in Endothelial Cells Promotes Vascularization and Improves Random Pattern Skin Flap Survival. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014 , 2, e132	1.2	9
63	Protective effect of photodegradation product of nifedipine against tumor necrosis factor alpha-induced oxidative stress in human glomerular endothelial cells. <i>Journal of Medical Investigation</i> , 2011 , 58, 118-26	1.2	9
62	Angiotensin II receptor blocker attenuates PDGF-induced mesangial cell migration in a receptor-independent manner. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 364-72	4.3	9
61	Xanthine Oxidase Inhibition by Febuxostat in Macrophages Suppresses Angiotensin II-Induced Aortic Fibrosis. <i>American Journal of Hypertension</i> , 2019 , 32, 249-256	2.3	9
60	Nitrosonifedipine ameliorates the progression of type 2 diabetic nephropathy by exerting antioxidative effects. <i>PLoS ONE</i> , 2014 , 9, e86335	3.7	8
59	Antioxidant effects of photodegradation product of nifedipine. <i>Chemical and Pharmaceutical Bulletin</i> , 2011 , 59, 208-14	1.9	8
58	Inhibitory effects of adiponectin on platelet-derived growth factor-induced mesangial cell migration. <i>Journal of Endocrinology</i> , 2009 , 202, 309-16	4.7	8
57	Effects of statins on cardiorenal syndrome. <i>International Journal of Vascular Medicine</i> , 2012 , 2012, 1625452	4.2	8
56	Successful percutaneous coronary intervention for acute myocardial infarction caused by simultaneous occlusion of two major coronary arteries in patients with diabetes mellitus. A report of two cases. <i>Acta Cardiologica</i> , 2005 , 60, 225-8	0.9	8
55	Activation of peroxisome proliferator-activated receptor α in megakaryocytes reduces platelet-derived growth factor-BB in platelets. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 138-47	4.7	7
54	Nitrosonifedipine, a Photodegradation Product of Nifedipine, Suppresses Pharmacologically Induced Aortic Aneurysm Formation. <i>Pharmacology</i> , 2018 , 102, 287-299	2.3	7
53	Role of ferroptosis in cisplatin-induced acute nephrotoxicity in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 67, 126798	4.1	7
52	Deletion of H-ferritin in macrophages alleviates obesity and diabetes induced by high-fat diet in mice. <i>Diabetologia</i> , 2020 , 63, 1588-1602	10.3	6
51	Hypoxia decreases glucagon-like peptide-1 secretion from the GLUTag cell line. <i>Biological and Pharmaceutical Bulletin</i> , 2015 , 38, 514-21	2.3	6
50	Improvement of cardiac diastolic function and prognosis after autologous peripheral blood stem cell transplantation in AL cardiac amyloidosis. <i>Internal Medicine</i> , 2007 , 46, 1705-10	1.1	6
49	Successful combination therapy--flunarizine, pentoxifylline, and cholestyramine--for spur cell anemia. <i>International Journal of Hematology</i> , 2001 , 73, 351-5	2.3	6
48	Novel Hydrophilic Camptothecin Derivatives Conjugated to Branched Glycerol Trimer Suppress Tumor Growth without Causing Diarrhea in Murine Xenograft Models of Human Lung Cancer. <i>Molecular Pharmaceutics</i> , 2020 , 17, 1049-1058	5.6	5

47	The Role of Heparin Cofactor II in the Regulation of Insulin Sensitivity and Maintenance of Glucose Homeostasis in Humans and Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017 , 24, 1215-1230	4	5
46	Pathophysiological response to hypoxia - from the molecular mechanisms of malady to drug discovery: inflammatory responses of hypoxia-inducible factor 1[HIF-1] in T cells observed in development of vascular remodeling. <i>Journal of Pharmacological Sciences</i> , 2011 , 115, 433-9	3.7	5
45	Plasma heparin cofactor II activity is inversely associated with left atrial volume and diastolic dysfunction in humans with cardiovascular risk factors. <i>Hypertension Research</i> , 2011 , 34, 225-31	4.7	5
44	Nitrite Activates 5AMP-Activated Protein Kinase-Endothelial Nitric Oxide Synthase Pathway in Human Glomerular Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2017 , 40, 1866-1872	2.3	4
43	Investigation of drugs affecting hypertension in bevacizumab-treated patients and examination of the impact on the therapeutic effect. <i>Cancer Medicine</i> , 2021 , 10, 164-172	4.8	4
42	Methanol extraction fraction from Citrus Sudachi peel exerts lipid reducing effects in cultured cells. <i>Journal of Medical Investigation</i> , 2018 , 65, 225-230	1.2	4
41	Endothelial Nitric Oxide Synthase-Independent Pleiotropic Effects of Pitavastatin Against Atherogenesis and Limb Ischemia in Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018 , 25, 65-80	4	3
40	HIF-2[ARNT] complex regulates hair development via induction of p21(Waf1/Cip1) and p27(Kip1). <i>FASEB Journal</i> , 2014 , 28, 2517-24	0.9	3
39	Intra-vascular ultrasound findings of diffuse coronary atherosclerotic change in systemic lupus erythematosus with secondary antiphospholipid syndrome. <i>Circulation Journal</i> , 2006 , 70, 1082-5	2.9	3
38	Decrease in plasma brain natriuretic peptide level in the early phase after the start of carvedilol therapy is a novel predictor of long-term outcome in patients with chronic heart failure. <i>Acta Cardiologica</i> , 2009 , 64, 589-95	0.9	2
37	Rho-associated protein kinase and cyclophilin a are involved in inorganic phosphate-induced calcification signaling in vascular smooth muscle cells. <i>Journal of Pharmacological Sciences</i> , 2020 , 142, 109-115	3.7	2
36	Aspirin inhibits thrombin action on endothelial cells via up-regulation of aminopeptidase N/CD13 expression. <i>Atherosclerosis</i> , 2005 , 183, 49-55	3.1	1
35	Abstract 313: Protective Effects of Iron-Restricted Food against Diabetic Nephropathy in db/db Mice. <i>Hypertension</i> , 2012 , 60,	8.5	1
34	Dual disruption of eNOS and ApoE gene accelerates kidney fibrosis and senescence after injury. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 556, 142-148	3.4	1
33	Novel roles of HIF-PHIs in chronic kidney disease: the link between iron metabolism, kidney function, and FGF23. <i>Kidney International</i> , 2021 , 100, 14-16	9.9	1
32	Effects of Palonosetron on Nausea and Vomiting Induced by Multiple-Day Chemotherapy: A Retrospective Study. <i>Biological and Pharmaceutical Bulletin</i> , 2021 , 44, 478-484	2.3	0
31	Fibroblast-specific ERK5 deficiency changes tumor vasculature and exacerbates tumor progression in a mouse model. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 1239-1250	3.4	0
30	The role of iron in obesity and diabetes.. <i>Journal of Medical Investigation</i> , 2022 , 69, 1-7	1.2	0

29	The novel preventive effect of a Japanese ethical Kampo extract formulation TJ-90 (Seihaito) against cisplatin-induced nephrotoxicity. <i>Phytomedicine</i> , 2022 , 103, 154213	6.5	o
28	MP462IRON RESTRICTION PREVENTS RENAL TUBULOINTERSTITIAL INJURY INDUCED BY ALBUMIN OVERLOAD IN MICE. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, iii598-iii598	4.3	
27	Infective Endocarditis Caused by Lactobacillus. <i>Internal Medicine</i> , 2008 , 47, 1162-1162	1.1	
26	Effect of new preventive medicine on pentylenetetrazol-induced kindled mice using database analyses. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020 , 93, 1-SS-34		o
25	Chronic exposure to hypoxia facilitates chemotherapy sensitivity with downregulation of MDR1.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020 , 93, 3-O-121		o
24	Effects of quercetin against inflammation and endothelial dysfunction in the aortas from aneurysm model mice.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020 , 93, 1-SS-30		o
23	Renoprotective effects of edoxaban, a factor Xa inhibitor. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO2-4-7		o
22	Effect of nicorandil on survival of patients with cardiac arrest using large-scale medical claims database. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO4 ^Q -1-59		o
21	Search for drugs that attenuate the antitumor effect of bevacizumab using adverse event database. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1 ^Q -8-41		o
20	Proton Pump Inhibitor Involves Abnormality of Iron Metabolism through Hepcidin Regulation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-5-24		o
19	Febuxostat ameliorates angiotensin II-induced aortic fibrosis via suppressing macrophage-derived TGF- β expression. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-3-51		o
18	A limonene-derivative purified from peels of Citrus Sudachi ameliorates lipid and glucose metabolism through upregulating sirt1. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO2-7-30		o
17	The effect of quercetin on aortic aneurysms in mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO1-2-82		o
16	Search for preventive drugs against anticancer drug-induced side effects using a large-scale medical information database. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019 , 92, 2-AS1-3		o
15	Significance of iron and therapeutic application in diseases. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019 , 92, 1-S02-1		o
14	The effect of quercetin on aortic aneurysms and dissection in pharmacologically-induced model mice.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019 , 92, 1-P-062		o
13	Effect of the new preventive medicine on cisplatin-induced acute kidney injury. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019 , 92, 3-P-076		o
12	Significance of SGLT2 in glucagon secretion from β TC cells. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019 , 92, 1-O-11		o

- 11 Iron metabolism abnormality in skeletal muscle atrophy associated with chronic renal failure. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2019**, 92, 3-P-078 0
- 10 Search for preventive drugs against oxaliplatin-induced peripheral neuropathy through drug repositioning. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2019**, 92, 1-SS-58^O
- 9 Iron accumulation negatively regulates skeletal muscle myogenesis. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2019**, 92, 2-O-31 0
- 8 The involvement of ferroptosis on cisplatin-induced nephrotoxicity. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2020**, 93, 2-O-060 0
- 7 Ferritin induces IL-1 β production through inflammasome activation via NF- κ B-dependent manner in macrophages (835.3). *FASEB Journal*, **2014**, 28, 835.3 0.9
- 6 The Effects of Bilirubin on Angiogenesis in Mice with Hindlimb Ischemia. *FASEB Journal*, **2015**, 29, 639.1 0.9
- 5 Effects of nitrosonifedipine, a photodegradation product of nifedipine, on diabetic nephropathy in type II diabetic mice. *FASEB Journal*, **2012**, 26, 691.2 0.9
- 4 The effect of dietary iron restriction against diabetic nephropathy in db/db mice. *FASEB Journal*, **2013**, 27, 917.6 0.9
- 3 The authors reply. *Kidney International*, **2021**, 99, 1026 9.9
- 2 Examination of the antiepileptic effects of valacyclovir using kindling mice- search for novel antiepileptic agents by drug repositioning using a large medical information database. *European Journal of Pharmacology*, **2021**, 902, 174099 5.3
- 1 Identification of a candidate drug for the prevention of cisplatin-induced nephrotoxicity by a database analysis-basic research-clinical study. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2021**, 94, 2-O-D3-1 0