

# Hiroko Kishi

## List of Publications by Year in descending order

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26  
papers

604  
citations

567281

15  
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g-index

28  
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28  
docs citations

28  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ablation and Mutation of Nonmuscle Myosin Heavy Chain II-B Results in a Defect in Cardiac Myocyte Cytokinesis. <i>Circulation Research</i> , 2003, 93, 330-337.	4.5	81
2	Intestinal inflammation downregulates smooth muscle CPI-17 through induction of TNF- $\alpha$ and causes motility disorders. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1429-G1438.	3.4	62
3	Cholesterol Primes Vascular Smooth Muscle to Induce Ca <sup>2+</sup> Sensitization Mediated by a Sphingosylphosphorylcholine-Rho-Kinase Pathway. <i>Circulation Research</i> , 2006, 99, 299-306.	4.5	56
4	Fatty acid-binding protein 7 regulates function of caveolae in astrocytes through expression of caveolin-1. <i>Glia</i> , 2015, 63, 780-794.	4.9	49
5	Myosin Light Chain Kinase as a Multifunctional Regulatory Protein of Smooth Muscle Contraction. <i>IUBMB Life</i> , 2001, 51, 337-344.	3.4	46
6	The Structure and Function of the Actin-binding Domain of Myosin Light Chain Kinase of Smooth Muscle. <i>Journal of Biological Chemistry</i> , 1997, 272, 32182-32189.	3.4	40
7	Stable Transfectants of Smooth Muscle Cell Line Lacking the Expression of Myosin Light Chain Kinase and Their Characterization with Respect to the Actomyosin System. <i>Journal of Biological Chemistry</i> , 2000, 275, 1414-1420.	3.4	37
8	Effects of the DASH-JUMP dietary intervention in Japanese participants with high-normal blood pressure and stage 1 hypertension: an open-label single-arm trial. <i>Hypertension Research</i> , 2016, 39, 777-785.	2.7	28
9	Involvement of Fyn tyrosine kinase in actin stress fiber formation in fibroblasts. <i>FEBS Letters</i> , 2007, 581, 5227-5233.	2.8	24
10	Elevated concentrations of sphingosylphosphorylcholine in cerebrospinal fluid after subarachnoid hemorrhage: A possible role as a spasmogen. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1064-1068.	1.5	24
11	Add-on therapy with traditional Chinese medicine: An efficacious approach for lipid metabolism disorders. <i>Pharmacological Research</i> , 2018, 134, 200-211.	7.1	23
12	Omega-3 and omega-6 DPA equally inhibit the sphingosylphosphorylcholine-induced Ca <sup>2+</sup> -sensitization of vascular smooth muscle contraction via inhibiting Rho-kinase activation and translocation. <i>Scientific Reports</i> , 2017, 7, 36368.	3.3	19
13	Role of non-kinase activity of myosin light-chain kinase in regulating smooth muscle contraction, a review dedicated to Dr. Setsuro Ebashi. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 135-143.	2.1	18
14	Sphingosylphosphorylcholine induces stress fiber formation via activation of Fyn-RhoA-ROCK signaling pathway in fibroblasts. <i>Cellular Signalling</i> , 2012, 24, 282-289.	3.6	18
15	Nifedipine Activates PPAR $\gamma$ and Exerts Antioxidative Action Through Cu/ZnSOD Independent of Blood-pressure Lowering in SHRSP. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 785-795.	2.0	17
16	Structure and Function of Smooth Muscle Myosin Light Chain Kinase. <i>Advances in Experimental Medicine and Biology</i> , 1998, 453, 229-234.	1.6	11
17	Eicosapentaenoic acid ameliorates pulmonary hypertension via inhibition of tyrosine kinase Fyn. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 148, 50-62.	1.9	10
18	Interaction of peptide-bound beads with lipopolysaccharide and lipoproteins. <i>Journal of Microbiological Methods</i> , 2014, 100, 137-141.	1.6	9

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19	The Nutritional Characteristics of the Hypotensive WASHOKU-modified DASH Diet: A Sub-analysis of the DASH-JUMP Study. <i>Current Hypertension Reviews</i> , 2018, 14, 56-65.	0.9	9
20	Phosphorylation of the Kinase Domain Regulates Autophosphorylation of Myosin IIIA and Its Translocation in Microvilli. <i>Biochemistry</i> , 2014, 53, 7835-7845.	2.5	6
21	Paxillin controls actin stress fiber formation and migration of vascular smooth muscle cells by directly binding to the active Fyn. <i>FASEB Journal</i> , 2021, 35, e22012.	0.5	6
22	Dietary Adherence, Self-Efficacy, and Health Behavior Change of WASHOKU-Modified DASH Diet: A Sub-analysis of the DASH-JUMP Study. <i>Current Hypertension Reviews</i> , 2020, 16, 128-137.	0.9	3
23	Hesperetin Inhibits Sphingosylphosphorylcholine-Induced Vascular Smooth Muscle Contraction by Regulating the Fyn/Rho-Kinase Pathway. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 456-466.	1.9	3
24	Sivelestat Relaxes Porcine Coronary Artery via Inhibition of Ca <sup>2+</sup> Sensitization Induced by a Receptor Agonist. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 476-482.	1.9	2
25	Inhibitory mechanism of tangeretin, a citrus flavone on the sphingosylphosphorylcholine (SPC)-induced vascular smooth muscle contraction. <i>Journal of Pharmacological Sciences</i> , 2022, , .	2.5	2
26	Chapter 13 The Pivotal Role of Cholesterol and Membrane Lipid Rafts in the Ca. , 2016, , 333-342.		0