

# Hiroshi I Suzuki

## List of Publications by Citations

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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.

98 papers	4,839 citations	30 h-index	69 g-index
99 ext. papers	5,686 ext. citations	8.6 avg, IF	5.81 L-index

#	Paper	IF	Citations
98	Modulation of microRNA processing by p53. <i>Nature</i> , <b>2009</b> , 460, 529-33	50.4	953
97	Elevated blood pressure and craniofacial abnormalities in mice deficient in endothelin-1. <i>Nature</i> , <b>1994</b> , 368, 703-10	50.4	883
96	Coupling of bone resorption and formation by RANKL reverse signalling. <i>Nature</i> , <b>2018</b> , 561, 195-200	50.4	221
95	Autophagy is activated by TGF-beta and potentiates TGF-beta-mediated growth inhibition in human hepatocellular carcinoma cells. <i>Cancer Research</i> , <b>2009</b> , 69, 8844-52	10.1	218
94	MCPIP1 ribonuclease antagonizes dicer and terminates microRNA biogenesis through precursor microRNA degradation. <i>Molecular Cell</i> , <b>2011</b> , 44, 424-36	17.6	202
93	Super-Enhancer-Mediated RNA Processing Revealed by Integrative MicroRNA Network Analysis. <i>Cell</i> , <b>2017</b> , 168, 1000-1014.e15	56.2	167
92	miR-135b mediates NPM-ALK-driven oncogenicity and renders IL-17-producing immunophenotype to anaplastic large cell lymphoma. <i>Blood</i> , <b>2011</b> , 118, 6881-92	2.2	141
91	Emerging complexity of microRNA generation cascades. <i>Journal of Biochemistry</i> , <b>2011</b> , 149, 15-25	3.1	103
90	ABCG2 dysfunction causes hyperuricemia due to both renal urate underexcretion and renal urate overload. <i>Scientific Reports</i> , <b>2014</b> , 4, 3755	4.9	95
89	Regulation of autophagy by transforming growth factor- $\beta$ (TGF- $\beta$ ) signaling. <i>Autophagy</i> , <b>2010</b> , 6, 645-7	10.2	87
88	Deficiency of subunits of Complex I and mitochondrial encephalomyopathy. <i>Annals of Neurology</i> , <b>1988</b> , 23, 287-94	9.4	85
87	TGF- $\beta$ Signaling in Cellular Senescence and Aging-Related Pathology. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	84
86	TGF- $\beta$ -Induced mesenchymal transition of MS-1 endothelial cells requires Smad-dependent cooperative activation of Rho signals and MRTF-A. <i>Journal of Biochemistry</i> , <b>2012</b> , 151, 145-56	3.1	82
85	Synthetic RNA-Based Immunomodulatory Gene Circuits for Cancer Immunotherapy. <i>Cell</i> , <b>2017</b> , 171, 1138-1150.e15	36.1	1508
84	Systems and Synthetic microRNA Biology: From Biogenesis to Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	73
83	Transcriptional Pause Sites Delineate Stable Nucleosome-Associated Premature Polyadenylation Suppressed by U1 snRNP. <i>Molecular Cell</i> , <b>2018</b> , 69, 648-663.e7	17.6	65
82	MicroRNA Control of TGF- $\beta$ Signaling. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	63

81	Dynamics of microRNA biogenesis: crosstalk between p53 network and microRNA processing pathway. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 1085-94	5.5	63
80	An integrative analysis of the tumorigenic role of TAZ in human non-small cell lung cancer. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 4660-72	12.9	62
79	Inhibitors of Human ABCG2: From Technical Background to Recent Updates With Clinical Implications. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 208	5.6	61
78	NPC1L1 is a key regulator of intestinal vitamin K absorption and a modulator of warfarin therapy. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 275ra23	17.5	61
77	Identification of Febuxostat as a New Strong ABCG2 Inhibitor: Potential Applications and Risks in Clinical Situations. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 518	5.6	59
76	An integrated expression profiling reveals target genes of TGF- $\beta$ and TNF- $\beta$ possibly mediated by microRNAs in lung cancer cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e56587	3.7	56
75	Common dysfunctional variants of ABCG2 have stronger impact on hyperuricemia progression than typical environmental risk factors. <i>Scientific Reports</i> , <b>2014</b> , 4, 5227	4.9	52
74	Small-RNA asymmetry is directly driven by mammalian Argonautes. <i>Nature Structural and Molecular Biology</i> , <b>2015</b> , 22, 512-21	17.6	51
73	MicroRNA-31 is a positive modulator of endothelial-mesenchymal transition and associated secretory phenotype induced by TGF- $\beta$ <i>Genes To Cells</i> , <b>2016</b> , 21, 99-116	2.3	42
72	Gain-of-function mutation of microRNA-140 in human skeletal dysplasia. <i>Nature Medicine</i> , <b>2019</b> , 25, 583-590	50.5	38
71	Extensive defects of mitochondrial electron-transfer chain in muscular cytochrome c oxidase deficiency. <i>Pediatric Research</i> , <b>1988</b> , 24, 447-54	3.2	37
70	Multiple common and rare variants of cause gout. <i>RMD Open</i> , <b>2017</b> , 3, e000464	5.9	33
69	Regulation of TGF- $\beta$ -mediated endothelial-mesenchymal transition by microRNA-27. <i>Journal of Biochemistry</i> , <b>2017</b> , 161, 417-420	3.1	30
68	VLDL/LDL acts as a drug carrier and regulates the transport and metabolism of drugs in the body. <i>Scientific Reports</i> , <b>2017</b> , 7, 633	4.9	30
67	Roles of <i>Brucella abortus</i> SpoT in morphological differentiation and intramacrophagic replication. <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 1607-1617	2.9	27
66	TBX4 is involved in the super-enhancer-driven transcriptional programs underlying features specific to lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2018</b> , 314, L177-L191	5.8	26
65	Elevated mitochondrial gene expression during rat liver regeneration after portal vein ligation. <i>Hepatology</i> , <b>1995</b> , 22, 1222-1229	11.2	22
64	Fibroblast growth factor signals regulate transforming growth factor- $\beta$ -induced endothelial-to-myofibroblast transition of tumor endothelial cells via Elk1. <i>Molecular Oncology</i> , <b>2019</b> , 13, 1706-1724	7.9	21

63	Chd4 choreographs self-antigen expression for central immune tolerance. <i>Nature Immunology</i> , <b>2020</b> , 21, 892-901	19.1	21
62	Peptide drugs accelerate BMP-2-induced calvarial bone regeneration and stimulate osteoblast differentiation through mTORC1 signaling. <i>BioEssays</i> , <b>2016</b> , 38, 717-25	4.1	21
61	Combined Cohesin-RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. <i>Cancer Discovery</i> , <b>2020</b> , 10, 836-853	24.4	21
60	Evolution of weak cooperative interactions for biological specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E11053-E11060	11.5	21
59	Distribution of alpha 1-antitrypsin phenotypes in Japanese: description of Pi M subtypes by isoelectric focusing. <i>Japanese Journal of Human Genetics</i> , <b>1979</b> , 24, 55-62		20
58	Herpes simplex encephalitis and subsequent cytomegalovirus encephalitis after chemoradiotherapy for central nervous system lymphoma: a case report and literature review. <i>International Journal of Hematology</i> , <b>2008</b> , 87, 538-541	2.3	19
57	A clinically attainable dose of L-asparaginase targets glutamine addiction in lymphoid cell lines. <i>Cancer Science</i> , <b>2015</b> , 106, 1534-43	6.9	18
56	Reduced supply of monocyte-derived macrophages leads to a transition from nodular to diffuse lesions and tissue cell activation in silica-induced pulmonary fibrosis in mice. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2923-38	5.8	18
55	Possible Role of Organic Cation Transporters in the Distribution of [C]Sulpiride, a Dopamine D Receptor Antagonist. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2558-2565	3.9	17
54	A role of uridylation pathway for blockade of let-7 microRNA biogenesis by Lin28B. <i>Cancer Science</i> , <b>2015</b> , 106, 1174-81	6.9	16
53	Widespread inference of weighted microRNA-mediated gene regulation in cancer transcriptome analysis. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, e62	20.1	16
52	Common variant of PDZ domain containing 1 (PDZK1) gene is associated with gout susceptibility: A replication study and meta-analysis in Japanese population. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2016</b> , 31, 464-466	2.2	15
51	Deconvolution of seed and RNA-binding protein crosstalk in RNAi-based functional genomics. <i>Nature Genetics</i> , <b>2018</b> , 50, 657-661	36.3	14
50	Inhibition of post-translational N-glycosylation by HRD1 that controls the fate of ABCG5/8 transporter. <i>Scientific Reports</i> , <b>2014</b> , 4, 4258	4.9	14
49	p53 actions on microRNA expression and maturation pathway. <i>Methods in Molecular Biology</i> , <b>2013</b> , 962, 165-81	1.4	13
48	Elucidation of the molecular mechanisms underlying adverse reactions associated with a kinase inhibitor using systems toxicology. <i>Npj Systems Biology and Applications</i> , <b>2015</b> , 1, 15005	5	13
47	Sequestration of microRNA-mediated target repression by the Ago2-associated RNA-binding protein FAM120A. <i>Rna</i> , <b>2019</b> , 25, 1291-1297	5.8	12
46	Reports of medico-zoological investigations in the Nansei Islands : Part 2. Ticks and their seasonal prevalences in southern Amami-oshima. <i>Medical Entomology and Zoology</i> , <b>1974</b> , 25, 21-26	0.6	12

45	A new physiologically based pharmacokinetic model for the prediction of gastrointestinal drug absorption: translocation model. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 590-602	4	11
44	The induction of RANKL molecule clustering could stimulate early osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 509, 435-440	3.4	11
43	Immunohistochemical and in situ hybridization study of urate transporters GLUT9/URATv1, ABCG2, and URAT1 in the murine brain. <i>Fluids and Barriers of the CNS</i> , <b>2016</b> , 13, 22	7	10
42	Lung fibroblasts express a miR-19a-19b-20a sub-cluster to suppress TGF- $\beta$ -associated fibroblast activation in murine pulmonary fibrosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 16642	4.9	10
41	Evaluation of the permeation of antineoplastic agents through medical gloves of varying materials and thickness and with varying surface treatments. <i>Journal of Pharmaceutical Health Care and Sciences</i> , <b>2017</b> , 3, 13	1.8	9
40	Effects of Osthol Isolated from Fruit on Urate Transporter 1. <i>Molecules</i> , <b>2018</b> , 23,	4.8	9
39	Hepatic Expression of Niemann-Pick C1-Like 1, a Cholesterol Reabsorber from Bile, Exacerbates Western Diet-Induced Atherosclerosis in LDL Receptor Mutant Mice. <i>Molecular Pharmacology</i> , <b>2019</b> , 96, 47-55	4.3	8
38	Production of a Germ-line Chimera by Coculture of Zona-free Embryos with Frozen-thawed Embryonic Stem Cells.. <i>Journal of Reproduction and Development</i> , <b>1994</b> , 40, 361-365	2.1	7
37	RANKL as a key figure in bridging between the bone and immune system: Its physiological functions and potential as a pharmacological target. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 218, 107682	13.9	7
36	Dysfunctional ABCG2 gene polymorphisms are associated with serum uric acid levels and all-cause mortality in hemodialysis patients. <i>Human Cell</i> , <b>2020</b> , 33, 559-568	4.5	6
35	Reports of medico-zoological investigations in the Nansei Islands : Part 1. The Trombiculid fauna of southern Amami-Oshima. <i>Medical Entomology and Zoology</i> , <b>1973</b> , 24, 135-142	0.6	6
34	Niemann-Pick C1-like 1 Promotes Intestinal Absorption of Siphonaxanthin. <i>Lipids</i> , <b>2019</b> , 54, 707-714	1.6	5
33	Analysis of the disposition of a novel p38 MAPK inhibitor, AKP-001, and its metabolites in rats with a simple physiologically based pharmacokinetic model. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 217-226	4	5
32	Resovist-enhanced MRI for preoperative assessment of colorectal hepatic metastases: a case of multiple bile duct hamartomas associated with colon cancer. <i>Case Reports in Gastroenterology</i> , <b>2008</b> , 2, 509-16	1	4
31	Associations between Lifestyle-Related Diseases and Transporters Involved in Intestinal Absorption and Biliary Excretion of Cholesterol. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 1-10	2.3	4
30	Clinical Importance of Drug-Drug Interaction Between Warfarin and Prednisolone and Its Potential Mechanism in Relation to the Niemann-Pick C1-Like 1-Mediated Pathway. <i>Circulation Journal</i> , <b>2019</b> , 83, 471-480	2.9	4
29	Determinants of Intestinal Availability for P-glycoprotein Substrate Drugs Estimated by Extensive Simulation With Mathematical Absorption Models. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2771-2779	3.9	3
28	A Novel Method to Estimate Long-Term Chronological Changes From Fragmented Observations in Disease Progression. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 105, 436-447	6.1	3

27	Control of MicroRNA Maturation by p53 Tumor Suppressor and MCPIP1 Ribonuclease. <i>The Enzymes</i> , <b>2012</b> , 163-183	2.3	3
26	Late-onset pneumatosis cystoides intestinalis associated with non-infectious pulmonary complications after allogeneic hematopoietic stem cell transplantation. <i>International Journal of Hematology</i> , <b>2008</b> , 88, 116-118	2.3	3
25	Ralphaudyna amamiensis, an ultimate homage to the memory of Dr. J. Ralph Audy (Acarina : Parasitengona). <i>Medical Entomology and Zoology</i> , <b>1974</b> , 25, 245-249	0.6	3
24	NPC1L1 Facilitates Sphingomyelin Absorption and Regulates Diet-Induced Production of VLDL/LDL-associated S1P. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
23	Pathophysiological importance of bile cholesterol reabsorption: hepatic NPC1L1-exacerbated steatosis and decreasing VLDL-TG secretion in mice fed a high-fat diet. <i>Lipids in Health and Disease</i> , <b>2019</b> , 18, 234	4.4	3
22	Model-based meta-analysis of changes in circulatory system physiology in patients with chronic heart failure. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2021</b> , 10, 1081-1091	4.5	3
21	Molecular Analysis of Endothelial-mesenchymal Transition Induced by Transforming Growth Factor- $\beta$ Signaling. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	2
20	Primary structure of the smallest (6.4-kDa) subunit of human and bovine ubiquinol-cytochrome c reductase deduced from cDNA sequences. <i>IUBMB Life</i> , <b>1997</b> , 41, 1109-16	4.7	2
19	Reports of medico-zoological investigations in the Nansei Islands : Part V. Six new species of chiggers from the Amami Island (Prostigmata; Trombiculidae). <i>Medical Entomology and Zoology</i> , <b>1976</b> , 27, 271-282	0.6	2
18	Phospholipid fatty liver: a proposal of a new concept and its electron microscopical study. <i>Pathology International</i> , <b>1970</b> , 20, 467-86	1.8	2
17	Cytochemical Studies on Liver Fibrosis. <i>Proceedings of the Japanese Histochemical Association</i> , <b>1960</b> , 1960, 127-131		2
16	Development of a decision flowchart to identify the patients need high-dose vancomycin in early phase of treatment.. <i>Journal of Pharmaceutical Health Care and Sciences</i> , <b>2022</b> , 8, 3	1.8	2
15	Dual EGFR and ABL Tyrosine Kinase Inhibitor Treatment in a Patient with Concomitant EGFR-Mutated Lung Adenocarcinoma and BCR-ABL1-Positive CML. <i>Case Reports in Oncological Medicine</i> , <b>2020</b> , 2020, 4201727	0.9	2
14	Mechanisms of RANKL delivery to the osteoclast precursor cell surface. <i>Journal of Bone and Mineral Metabolism</i> , <b>2021</b> , 39, 27-33	2.9	2
13	Hepatic Transport. <i>Methods and Principles in Medicinal Chemistry</i> , <b>2008</b> , 277-332	0.4	2
12	The fauna and host preference of Culicoides (Diptera : Ceratopogonidae) in southern Amami-oshima. <i>Medical Entomology and Zoology</i> , <b>1974</b> , 25, 171-176	0.6	1
11	Reports of medico-zoological investigations in the Nansei Islands : Part IV. Three new trombiculid mites of the genus Doloisia from the Amami Island (Prostigmata; Trombiculidae). <i>Medical Entomology and Zoology</i> , <b>1976</b> , 27, 265-270	0.6	1
10	Seasonal occurrence of trombiculid mites and its epidemiological aspects in a mountain village of Toyama Prefecture. <i>Medical Entomology and Zoology</i> , <b>1972</b> , 23, 83-87	0.6	1

9	Prediction of the permeability of antineoplastic agents through nitrile medical gloves by zone classification based on their physicochemical properties. <i>Journal of Pharmaceutical Health Care and Sciences</i> , <b>2020</b> , 6, 23	1.8	1
8	Biomolecular Condensates in Cancer Biology. <i>Cancer Science</i> , <b>2021</b> ,	6.9	1
7	Nuclear RNA Exosome and Pervasive Transcription: Dual Sculptors of Genome Function.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
6	Professor Yuichi Sugiyama: A Brilliant, Creative, Amicable, Charming, and Humorous Pharmaceutical Scientist. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2188-2194	3.9	
5	Principles of Pharmacokinetics: Predicting Human Pharmacokinetics in Drug Discovery <b>2011</b> , 197-228		
4	On the Mechanism of an Elevation of Serum Alkaline Phosphatase Activity Occured by Biliary Obstruction. <i>Proceedings of the Japanese Histochemical Association</i> , <b>1965</b> , 1965, 74-75		
3	Hepatocellular adenoma: A case with a solitary huge one surgically excised successfully. <i>Gastroenterologia Japonica</i> , <b>1968</b> , 3, 390-395		
2	Febuxostat inhibited axillary osmidrosis risk factor ATP-binding cassette transporter C11 in vitro. <i>Journal of Dermatology</i> , <b>2020</b> , 47, 1198-1199	1.6	
1	Increase of serum uric acid levels associated with APOE $\epsilon$ haplotype: a clinico-genetic investigation and in vivo approach. <i>Human Cell</i> , <b>2021</b> , 34, 1727-1733	4.5	