

# Hiroshi I Suzuki

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

6,336  
citations

134610

34  
h-index

78623

77  
g-index

99  
all docs

99  
docs citations

99  
times ranked

11155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of microRNA processing by p53. <i>Nature</i> , 2009, 460, 529-533.	13.7	1,048
2	Elevated blood pressure and craniofacial abnormalities in mice deficient in endothelin-1. <i>Nature</i> , 1994, 368, 703-710.	13.7	997
3	Coupling of bone resorption and formation by RANKL reverse signalling. <i>Nature</i> , 2018, 561, 195-200.	13.7	376
4	Autophagy Is Activated by TGF- $\beta$ 2 and Potentiates TGF- $\beta$ 2-Mediated Growth Inhibition in Human Hepatocellular Carcinoma Cells. <i>Cancer Research</i> , 2009, 69, 8844-8852.	0.4	263
5	Super-Enhancer-Mediated RNA Processing Revealed by Integrative MicroRNA Network Analysis. <i>Cell</i> , 2017, 168, 1000-1014.e15.	13.5	239
6	MCPIP1 Ribonuclease Antagonizes Dicer and Terminates MicroRNA Biogenesis through Precursor MicroRNA Degradation. <i>Molecular Cell</i> , 2011, 44, 424-436.	4.5	228
7	TGF- $\beta$ 2 Signaling in Cellular Senescence and Aging-Related Pathology. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5002.	1.8	185
8	miR-135b mediates NPM-ALK-driven oncogenicity and renders IL-17-producing immunophenotype to anaplastic large cell lymphoma. <i>Blood</i> , 2011, 118, 6881-6892.	0.6	167
9	Systems and Synthetic microRNA Biology: From Biogenesis to Disease Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 132.	1.8	157
10	ABCG2 dysfunction causes hyperuricemia due to both renal urate underexcretion and renal urate overload. <i>Scientific Reports</i> , 2014, 4, 3755.	1.6	125
11	Emerging complexity of microRNA generation cascades. <i>Journal of Biochemistry</i> , 2011, 149, 15-25.	0.9	121
12	Regulation of autophagy by transforming growth factor- $\beta$ 2 (TGF- $\beta$ 2) signaling. <i>Autophagy</i> , 2010, 6, 645-647.	4.3	113
13	Synthetic RNA-Based Immunomodulatory Gene Circuits for Cancer Immunotherapy. <i>Cell</i> , 2017, 171, 1138-1150.e15.	13.5	113
14	Transcriptional Pause Sites Delineate Stable Nucleosome-Associated Premature Polyadenylation Suppressed by U1 snRNP. <i>Molecular Cell</i> , 2018, 69, 648-663.e7.	4.5	103
15	MicroRNA Control of TGF- $\beta$ 2 Signaling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1901.	1.8	102
16	Inhibitors of Human ABCG2: From Technical Background to Recent Updates With Clinical Implications. <i>Frontiers in Pharmacology</i> , 2019, 10, 208.	1.6	99
17	Deficiency of subunits of complex I and mitochondrial encephalomyopathy. <i>Annals of Neurology</i> , 1988, 23, 287-294.	2.8	95
18	TGF- $\beta$ 2-induced mesenchymal transition of MS-1 endothelial cells requires Smad-dependent cooperative activation of Rho signals and MRTF-A. <i>Journal of Biochemistry</i> , 2012, 151, 145-156.	0.9	95

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19	Identification of Febuxostat as a New Strong ABCG2 Inhibitor: Potential Applications and Risks in Clinical Situations. <i>Frontiers in Pharmacology</i> , 2016, 7, 518.	1.6	93
20	Gain-of-function mutation of microRNA-140 in human skeletal dysplasia. <i>Nature Medicine</i> , 2019, 25, 583-590.	15.2	86
21	NPC1L1 is a key regulator of intestinal vitamin K absorption and a modulator of warfarin therapy. <i>Science Translational Medicine</i> , 2015, 7, 275ra23.	5.8	82
22	An Integrative Analysis of the Tumorigenic Role of TAZ in Human Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 4660-4672.	3.2	81
23	Small-RNA asymmetry is directly driven by mammalian Argonautes. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 512-521.	3.6	75
24	Dynamics of microRNA biogenesis: crosstalk between p53 network and microRNA processing pathway. <i>Journal of Molecular Medicine</i> , 2010, 88, 1085-1094.	1.7	70
25	Common dysfunctional variants of ABCG2 have stronger impact on hyperuricemia progression than typical environmental risk factors. <i>Scientific Reports</i> , 2014, 4, 5227.	1.6	70
26	An Integrated Expression Profiling Reveals Target Genes of TGF- $\beta$ 2 and TNF- $\alpha$ Possibly Mediated by MicroRNAs in Lung Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e56587.	1.1	64
27	Combined Cohesin-RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2020, 10, 836-853.	7.7	51
28	MicroRNA-31 is a positive modulator of endothelial-mesenchymal transition and associated secretory phenotype induced by TGF- $\beta$ 2. <i>Genes To Cells</i> , 2016, 21, 99-116.	0.5	46
29	Multiple common and rare variants of <i>ABCG2</i> cause gout. <i>RMD Open</i> , 2017, 3, e000464.	1.8	46
30	VLDL/LDL acts as a drug carrier and regulates the transport and metabolism of drugs in the body. <i>Scientific Reports</i> , 2017, 7, 633.	1.6	45
31	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> , 2018, 314, L177-L191.	1.3	42
32	Chd4 choreographs self-antigen expression for central immune tolerance. <i>Nature Immunology</i> , 2020, 21, 892-901.	7.0	42
33	Extensive Defects of Mitochondrial Electron-Transfer Chain in Muscular Cytochrome c Oxidase Deficiency. <i>Pediatric Research</i> , 1988, 24, 447-454.	1.1	39
34	Regulation of TGF- $\beta$ 2-mediated endothelial-mesenchymal transition by microRNA-27. <i>Journal of Biochemistry</i> , 2017, 161, 417-420.	0.9	37
35	Fibroblast growth factor signals regulate transforming growth factor- $\beta$ -induced endothelial-to-myofibroblast transition of tumor endothelial cells via Elk1. <i>Molecular Oncology</i> , 2019, 13, 1706-1724.	2.1	36
36	Evolution of weak cooperative interactions for biological specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11053-E11060.	3.3	34

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37	Roles of <i>Brucella abortus</i> SpoT in morphological differentiation and intramacrophagic replication. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1607-1617.	0.7	32
38	A clinically attainable dose of L-Asparaginase targets glutamine addiction in lymphoid cell lines. <i>Cancer Science</i> , 2015, 106, 1534-1543.	1.7	26
39	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> , 2015, 185, 2923-2938.	1.9	26
40	A role of uridylation pathway for blockade of let-7 micro RNA biogenesis by Lin28B. <i>Cancer Science</i> , 2015, 106, 1174-1181.	1.7	25
41	Peptide drugs accelerate BMP2-induced calvarial bone regeneration and stimulate osteoblast differentiation through mTORC1 signaling. <i>BioEssays</i> , 2016, 38, 717-725.	1.2	25
42	Distribution of $\alpha$ 1 phenotypes in Japanese: Description of Pi M subtypes by isoelectric focusing. <i>Japanese Journal of Human Genetics</i> , 1979, 24, 55-62.	0.8	24
43	Elevated mitochondrial gene expression during rat liver regeneration after portal vein ligation. <i>Hepatology</i> , 1995, 22, 1222-1229.	3.6	23
44	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> , 2008, 87, 538-541.	0.7	22
45	Lung fibroblasts express a miR-19a-19b-20a sub-cluster to suppress TGF- $\beta$ 2-associated fibroblast activation in murine pulmonary fibrosis. <i>Scientific Reports</i> , 2018, 8, 16642.	1.6	22
46	RANKL as a key figure in bridging between the bone and immune system: Its physiological functions and potential as a pharmacological target. , 2021, 218, 107682.		21
47	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> , 2016, 31, 464-466.	1.1	20
48	Possible Role of Organic Cation Transporters in the Distribution of [ <sup>11</sup> C]Sulpiride, a Dopamine D 2 Receptor Antagonist. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2558-2565.	1.6	20
49	Sequestration of microRNA-mediated target repression by the Ago2-associated RNA-binding protein FAM120A. <i>Rna</i> , 2019, 25, 1291-1297.	1.6	20
50	Inhibition of post-translational N-glycosylation by HRD1 that controls the fate of ABCG5/8 transporter. <i>Scientific Reports</i> , 2014, 4, 4258.	1.6	18
51	A New Physiologically Based Pharmacokinetic Model for the Prediction of Gastrointestinal Drug Absorption: Translocation Model. <i>Drug Metabolism and Disposition</i> , 2015, 43, 590-602.	1.7	18
52	Deconvolution of seed and RNA-binding protein crosstalk in RNAi-based functional genomics. <i>Nature Genetics</i> , 2018, 50, 657-661.	9.4	18
53	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> , 1974, 25, 21-26.	0.0	17
54	Widespread inference of weighted microRNA-mediated gene regulation in cancer transcriptome analysis. <i>Nucleic Acids Research</i> , 2013, 41, e62-e62.	6.5	16

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55	Elucidation of the molecular mechanisms underlying adverse reactions associated with a kinase inhibitor using systems toxicology. <i>Npj Systems Biology and Applications</i> , 2015, 1, 15005.	1.4	16
56	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> , 2019, 96, 47-55.	1.0	16
57	The induction of RANKL molecule clustering could stimulate early osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 435-440.	1.0	16
58	p53 Actions on MicroRNA Expression and Maturation Pathway. <i>Methods in Molecular Biology</i> , 2013, 962, 165-181.	0.4	14
59	Mechanisms of RANKL delivery to the osteoclast precursor cell surface. <i>Journal of Bone and Mineral Metabolism</i> , 2021, 39, 27-33.	1.3	14
60	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> , 2017, 3, 13.	0.4	13
61	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> , 2016, 13, 22.	2.4	12
62	A Novel Method to Estimate Long-Term Chronological Changes From Fragmented Observations in Disease Progression. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 436-447.	2.3	12
63	Biomolecular condensates in cancer biology. <i>Cancer Science</i> , 2022, 113, 382-391.	1.7	12
64	Effects of Osthol Isolated from <i>Cnidium monnieri</i> Fruit on Urate Transporter 1. <i>Molecules</i> , 2018, 23, 2837.	1.7	11
65	Niemann-Pick C1-like 1 Promotes Intestinal Absorption of Siphonaxanthin. <i>Lipids</i> , 2019, 54, 707-714.	0.7	11
66	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> , 2019, 18, 234.	1.2	10
67	PHOSPHOLIPID FATTY LIVER: A PROPOSAL OF A NEW CONCEPT AND ITS ELECTRON MICROSCOPICAL STUDY. <i>Pathology International</i> , 1970, 20, 467-486.	0.6	9
68	NPC1L1 Facilitates Sphingomyelin Absorption and Regulates Diet-Induced Production of VLDL/LDL-associated S1P. <i>Nutrients</i> , 2020, 12, 2641.	1.7	9
69	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> , 1994, 40, 361-365.	0.5	8
70	Nuclear RNA Exosome and Pervasive Transcription: Dual Sculptors of Genome Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13401.	1.8	8
71	Dysfunctional ABCG2 gene polymorphisms are associated with serum uric acid levels and all-cause mortality in hemodialysis patients. <i>Human Cell</i> , 2020, 33, 559-568.	1.2	7
72	Associations between Lifestyle-Related Diseases and Transporters Involved in Intestinal Absorption and Biliary Excretion of Cholesterol. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1-10.	0.6	7

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73	Reports of medico-zoological investigations in the Nansei Islands : Part 1. The Trombiculid fauna of southern Amami-Oshima. <i>Medical Entomology and Zoology</i> , 1973, 24, 135-142.	0.0	6
74	Resovist-Enhanced MRI for Preoperative Assessment of Colorectal Hepatic Metastases. <i>Case Reports in Gastroenterology</i> , 2008, 2, 509-516.	0.3	6
75	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> , 2019, 83, 471-480.	0.7	6
76	Model-based meta-analysis of changes in circulatory system physiology in patients with chronic heart failure. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1081-1091.	1.3	6
77	Late-onset pneumatosis cystoides intestinalis associated with non-infectious pulmonary complications after allogeneic hematopoietic stem cell transplantation. <i>International Journal of Hematology</i> , 2008, 88, 116-118.	0.7	5
78	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> , 2015, 43, 217-226.	1.7	5
79	Cytochemical Studies on Liver Fibrosis. <i>Proceedings of the Japanese Histochemical Association</i> , 1960, 1960, 127-131.	0.0	4
80	Ralphaudyna amamiensis, an ultimate homage to the memory of Dr. J. Ralph Audy (Acarina :). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T</i>	0.0	4
81	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> , 1976, 27, 271-282.	0.0	4
82	Determinants of Intestinal Availability for P-glycoprotein Substrate Drugs Estimated by Extensive Simulation With Mathematical Absorption Models. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2771-2779.	1.6	4
83	Primary structure of the smallest (6.4 kDa) subunit of human and bovine ubiquinolâ€cytochrome c reductase deduced from cDNA sequences. <i>IUBMB Life</i> , 1997, 41, 1109-1116.	1.5	3
84	Control of MicroRNA Maturation by p53 Tumor Suppressor and MCPIP1 Ribonuclease. <i>The Enzymes</i> , 2012, , 163-183.	0.7	3
85	Molecular Analysis of Endothelial-mesenchymal Transition Induced by Transforming Growth Factor-#946; Signaling. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	3
86	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> , 2020, 6, 23.	0.4	3
87	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> , 2020, 2020, 1-6.	0.2	2
88	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> , 2022, 8, 3.	0.4	2
89	Seasonal occurrence of trombiculid mites and its epidemiological aspects in a mountain village of Toyama Prefecture. <i>Medical Entomology and Zoology</i> , 1972, 23, 83-87.	0.0	1
90	The fauna and host preference of Culicoides (Diptera : Ceratopogonidae) in southern Amami-oshima. <i>Medical Entomology and Zoology</i> , 1974, 25, 171-176.	0.0	1

#	ARTICLE	IF	CITATIONS
91	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). Medical Entomology and Zoology, 1976, 27, 265-270.	0.0	1
92	On the Mechanism of an Elevation of Serum Alkaline Phosphatase Activity Occured by Biliary Obstruction. Proceedings of the Japanese Histochemical Association, 1965, 1965, 74-75.	0.0	0
93	Hepatocellular adenoma: A case with a solitary huge one surgically excised successfully. Gastroenterologia Japonica, 1968, 3, 390-395.	0.4	0
94	Professor Yuichi Sugiyama: A Brilliant, Creative, Amicable, Charming, and Humorous Pharmaceutical Scientist. Journal of Pharmaceutical Sciences, 2017, 106, 2188-2194.	1.6	0
95	Febuxostat inhibited axillary osmidrosis risk factor ATP-binding cassette transporter C11 <i>in vitro</i> . Journal of Dermatology, 2020, 47, 1198-1199.	0.6	0
96	Increase of serum uric acid levels associated with APOE $\epsilon$ 2 haplotype: a clinico-genetic investigation and in vivo approach. Human Cell, 2021, 34, 1727-1733.	1.2	0