

# Hironori Iwasaki

## List of Publications by Year in descending order

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62  
papers

1,530  
citations

218677

26  
h-index

345221

36  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Branched-Chain Fatty Acids on Fatty Acid Biosynthesis of Human Breast Cancer Cells. <i>Journal of Nutritional Science and Vitaminology</i> , 2004, 50, 137-143.	0.6	132
2	Universal Fluorescent Labeling (UFL) Method for Automated Microsatellite Analysis. <i>DNA Research</i> , 2002, 9, 173-178.	3.4	56
3	Coral tumors store reduced level of lipids. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 265, 171-179.	1.5	55
4	Phenolic Compounds from Sugarcane Molasses Possessing Antibacterial Activity against Cariogenic Bacteria. <i>Journal of Oleo Science</i> , 2007, 56, 611-614.	1.4	49
5	Cloning and characterization of a small family 19 chitinase from moss ( <i>Bryum coronatum</i> ). <i>Glycobiology</i> , 2011, 21, 644-654.	2.5	49
6	Expression of terpenoid synthase mRNA and terpenoid content in salt stressed mangrove. <i>Journal of Plant Physiology</i> , 2009, 166, 1786-1800.	3.5	48
7	Tumor specific cytotoxicity of arctigenin isolated from herbal plant <i>Arctium lappa</i> L.. <i>Journal of Natural Medicines</i> , 2012, 66, 614-621.	2.3	48
8	1,1-Diphenyl-2-picrylhydrazyl Radical Scavenging Activity and Tyrosinase Inhibitory Effects of Constituents of Sugarcane Molasses. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 183-191.	1.3	45
9	A plant class V chitinase from a cycad ( <i>Cycas revoluta</i> ): Biochemical characterization, cDNA isolation, and posttranslational modification. <i>Glycobiology</i> , 2009, 19, 1452-1461.	2.5	45
10	Molecular cloning and functional expression of a multifunctional triterpene synthase cDNA from a mangrove species <i>Kandelia candel</i> (L.) Druce. <i>Phytochemistry</i> , 2006, 67, 2517-2524.	2.9	43
11	Flavonoid glycosides in the shoot system of Okinawa Taumu ( <i>Colocasia esculenta</i> S.). <i>Food Chemistry</i> , 2010, 119, 630-635.	8.2	43
12	Isolation of Salt Stress Tolerance Genes from Roots of Mangrove Plant, <i>Rhizophora stylosa</i> Griff., Using PCR-Based Suppression Subtractive Hybridization. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 533-543.	1.8	43
13	Tumor-selective cytotoxicity of benzo[c]phenanthridine derivatives from <i>Toddalia asiatica</i> Lam.. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 719-726.	2.3	40
14	Lipid composition of mangrove and its relevance to salt tolerance. <i>Journal of Plant Research</i> , 2003, 116, 37-45.	2.4	39
15	Lipid distribution in branching coral <i>Montipora digitata</i> . <i>Fisheries Science</i> , 2002, 68, 517-522.	1.6	38
16	<i>Peucedanum japonicum</i> Thunb Inhibits High-fat Diet Induced Obesity in Mice. <i>Phytotherapy Research</i> , 2011, 25, 870-877.	5.8	35
17	Mechanism of arctigenin-mediated specific cytotoxicity against human lung adenocarcinoma cell lines. <i>Phytomedicine</i> , 2013, 21, 39-46.	5.3	34
18	Pteryxin: A coumarin in <i>Peucedanum japonicum</i> Thunb leaves exerts antiobesity activity through modulation of adipogenic gene network. <i>Nutrition</i> , 2014, 30, 1177-1184.	2.4	34

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19	Effect of Peucedanum japonicum Thunb on the Expression of Obesity-Related Genes in Mice on a High-Fat Diet. <i>Journal of Oleo Science</i> , 2011, 60, 527-536.	1.4	31
20	Incorporation of branched-chain fatty acid into cellular lipids and caspase-independent apoptosis in human breast cancer cell line, SKBR-3. <i>Lipids in Health and Disease</i> , 2005, 4, 29.	3.0	30
21	The tumor specific cytotoxicity of dihydronitidine from <i>Toddalia asiatica</i> Lam. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 451-459.	2.3	30
22	Diversity of polyisoprenoids in ten Okinawan mangroves. <i>Dendrobiology</i> , 0, 75, 167-175.	0.6	30
23	Isoprenoids of Okinawan mangroves as lipid input into estuarine ecosystem. <i>Journal of Oceanography</i> , 2007, 63, 601-608.	1.7	29
24	Isoprene emission from tropical trees in Okinawa Island, Japan. <i>Chemosphere</i> , 2006, 65, 2138-2144.	8.2	28
25	Tumor specific cytotoxicity of glucosylceramide. <i>Cancer Chemotherapy and Pharmacology</i> , 2007, 60, 767-775.	2.3	28
26	In vivo and in vitro anti-obesity activities of dihydropyranocoumarins derivatives from <i>Peucedanum japonicum</i> Thunb. <i>Journal of Functional Foods</i> , 2017, 29, 19-28.	3.4	27
27	Association of a Haplotype (196Phe/532Ser) in the Interleukin-1-Receptor-Associated Kinase (IRAK1) Gene With Low Radial Bone Mineral Density in Two Independent Populations. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 419-423.	2.8	26
28	Effect of <i>Peucedanum japonicum</i> Thunb Extract on High-fat Diet-induced Obesity and Gene Expression in Mice. <i>Journal of Oleo Science</i> , 2012, 61, 89-101.	1.4	26
29	Thirteen single-nucleotide polymorphisms in the human osteopontin gene identified by sequencing of the entire gene in Japanese individuals. <i>Journal of Human Genetics</i> , 2001, 46, 544-546.	2.3	23
30	Association of a Trp16Ser variation in the gonadotropin releasing hormone signal peptide with bone mineral density, revealed by SNP-dependent PCR typing. <i>Bone</i> , 2003, 32, 185-190.	2.9	22
31	Partially purified <i>Peucedanum japonicum</i> Thunb extracts exert anti-obesity effects in vitro. <i>Nutrition</i> , 2014, 30, 575-583.	2.4	22
32	Conjugated Linoleic Acid (CLA) Inhibits Fatty Acid Synthetase Activity in Vitro. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1584-1586.	1.3	20
33	Tumor specific cytotoxicity of $^{125}$ I-glucosylceramide: structure-cytotoxicity relationship and anti-tumor activity in vivo. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 64, 485-496.	2.3	20
34	Antioxidative Flavan-3-ol Glycosides from Stems of <i>Rhizophora stylosa</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2191-2194.	1.3	19
35	Antiatherosclerotic Function of Kokuto, Okinawan Noncentrifugal Cane Sugar. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 69-75.	5.2	19
36	Biotransformation of benzothiazole derivatives by the <i>Pseudomonas putida</i> strain HKT554. <i>Chemosphere</i> , 2010, 81, 109-113.	8.2	19

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37	Association of the $\epsilon^{381T/C}$ promoter variation of the brain natriuretic peptide gene with low bone-mineral density and rapid postmenopausal bone loss. <i>Journal of Human Genetics</i> , 2003, 48, 0077-0081.	2.3	16
38	Modification of the isoprene emission model G93 for tropical tree <i>Ficus virgata</i> . <i>Atmospheric Environment</i> , 2008, 42, 8747-8754.	4.1	16
39	Down-regulation of lipids transporter ABCA1 increases the cytotoxicity of Nitidine. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 953-959.	2.3	16
40	Accuracy of Genotyping for Single Nucleotide Polymorphisms by a Microarray-Based Single Nucleotide Polymorphism Typing Method Involving Hybridization of Short Allele-Specific Oligonucleotides. <i>DNA Research</i> , 2002, 9, 59-62.	3.4	15
41	Effect of Kokuto, a Non-Centrifugal Cane Sugar, on the Development of Experimental Atherosclerosis in Japanese Quail and Apolipoprotein E Deficient Mice. <i>Food Science and Technology Research</i> , 2007, 13, 61-66.	0.6	15
42	Temperature controls on the basal emission rate of isoprene in a tropical tree <i>Ficus septica</i> : exploring molecular regulatory mechanisms. <i>Plant, Cell and Environment</i> , 2016, 39, 2260-2275.	5.7	14
43	Linkage disequilibrium and haplotype analysis among ten single-nucleotide polymorphisms of interleukin 11 identified by sequencing of the gene. <i>Journal of Human Genetics</i> , 2001, 46, 494-497.	2.3	13
44	Five novel single-nucleotide polymorphisms of human interferon gamma identified by sequencing the entire gene. <i>Journal of Human Genetics</i> , 2001, 46, 32-34.	2.3	13
45	Association of a single nucleotide variant in the human tumour necrosis factor alpha promoter region with decreased bone mineral density. <i>Annals of Human Biology</i> , 2002, 29, 550-558.	1.0	12
46	Anti-obesity Activity of <i>Peucedanum Japonicum</i> Thunb Extract in Obese Diabetic Animal Model C57BL/6J Ham Slc-ob/ob Mice. <i>International Journal of Life Science and Medical Research</i> , 2012, 2, 28-34.	0.2	12
47	Novel single nucleotide polymorphisms of the human nuclear factor kappa-B 2 gene identified by sequencing the entire gene. <i>Journal of Human Genetics</i> , 2001, 46, 50-51.	2.3	8
48	Molecular regulatory mechanism of isoprene emission under short-term drought stress in the tropical tree <i>Ficus septica</i> . <i>Tree Physiology</i> , 2019, 39, 440-453.	3.1	8
49	Biosynthesis of Branched-chain Fatty Acid in Bacilli: FabD (malonyl-CoA:ACP transacylase) Is Not Essential for In Vitro Biosynthesis of Branched-chain Fatty Acids. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2106-2114.	1.3	7
50	Parameterization of G-93 isoprene emission formula for tropical trees <i>Casuarina equisetifolia</i> and <i>Ficus septica</i> . <i>Atmospheric Environment</i> , 2016, 141, 287-296.	4.1	7
51	Linkage disequilibrium and haplotype analysis among four novel single-nucleotide polymorphisms in the human leukemia inhibitory factor (LIF) gene. <i>Journal of Human Genetics</i> , 2001, 46, 557-559.	2.3	6
52	The major low molecular weight apolipoprotein from normal and hyperlipidemia atherosclerosis-prone (LAP) Japanese quail. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1483, 316-324.	2.4	5
53	Comparative Study of the Effect of Basal Diet Formulation, Dietary Fat and Cholesterol Levels on the Development of Aortic Atherosclerotic Lesions in B6.KOR-Apoesh1 Mice. <i>Journal of Oleo Science</i> , 2010, 59, 161-167.	1.4	4
54	Apolipoprotein A-I of Hyperlipidemia Atherosclerosis Prone (LAP) Quail: cDNA Sequence and Tissue Expression. <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 29-34.	1.3	3

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55	Novel single nucleotide polymorphisms of the human colony-stimulating factor 2 (CSF2) gene identified by sequencing the entire gene. <i>Journal of Human Genetics</i> , 2001, 46, 48-49.	2.3	3
56	Three TNF $\hat{\pm}$ single nucleotide polymorphisms in the Japanese population. <i>Annals of Human Biology</i> , 2002, 29, 579-583.	1.0	3
57	Tumor-Selective Cytotoxicity of Nitidine Results from Its Rapid Accumulation into Mitochondria. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	3
58	The Occurrence of HR1b in the Venom of the Snake Okinawa Habu ( <i>Protobothrops flavoviridis</i> ). <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 591-594.	1.3	2
59	Analysis of microsatellite instability and loss of heterozygosity in human aortic atherosclerotic lesions. <i>Rinsho Byori the Japanese Journal of Clinical Pathology</i> , 2004, 52, 961-5.	0.1	2
60	Enhanced cytotoxicity of nitidine against camptothecin-resistant A549 cells. <i>Traditional &amp; Kampo Medicine</i> , 2016, 3, 33-40.	0.6	1
61	Molecular cloning of putative chloroplastic cysteine synthase in <i>Leucaena leucocephala</i> . <i>Journal of Plant Research</i> , 2020, 133, 95-108.	2.4	1
62	The dose-dependent pteryxin-mediated molecular mechanisms in suppressing adipogenesis in vitro. <i>Journal of Functional Foods</i> , 2021, 82, 104508.	3.4	0