

# Hiroyuki Sakakibara

## List of Publications by Year in descending order

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77  
papers

2,666  
citations

236925

25  
h-index

189892

50  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4070  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Determination of All Polyphenols in Vegetables, Fruits, and Teas. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 571-581.	5.2	562
2	High Content of Dopamine, a Strong Antioxidant, in Cavendish Banana. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 844-848.	5.2	291
3	Accumulation of orally administered quercetin in brain tissue and its antioxidative effects in rats. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1329-1336.	2.9	223
4	Anthocyanin Composition and Antioxidant Activity of the Crowberry ( <i>Empetrum nigrum</i> ) and Other Berries. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4457-4462.	5.2	131
5	Anti-obesity actions of green tea: Possible involvements in modulation of the glucose uptake system and suppression of the adipogenesis-related transcription factors. <i>BioFactors</i> , 2004, 22, 135-140.	5.4	96
6	Selective inhibition of methoxyflavonoids on human CYP1B1 activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6310-6315.	3.0	80
7	Effect of quercetin and glucuronide metabolites on the monoamine oxidase-A reaction in mouse brain mitochondria. <i>Nutrition</i> , 2011, 27, 847-852.	2.4	75
8	Antidepressant-Like Effect of Onion ( <i>Allium cepa</i> L.) Powder in a Rat Behavioral Model of Depression. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 94-100.	1.3	68
9	Distribution and Excretion of Bilberry Anthocyanins in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7681-7686.	5.2	68
10	Antidepressant Effect of Extracts from Ginkgo biloba Leaves in Behavioral Models. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1767-1770.	1.4	66
11	Arsenic accumulation in three species of sea turtles. <i>BioMetals</i> , 2000, 13, 241-250.	4.1	63
12	Hierarchy in the home cage affects behaviour and gene expression in group-housed C57BL/6 male mice. <i>Scientific Reports</i> , 2017, 7, 6991.	3.3	57
13	Cytochrome P4501A1-Inhibitory Action of Antimutagenic Anthraquinones in Medicinal Plants and the Structure-activity Relationship. <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 1373-1378.	1.3	44
14	Inhibitory effects of chrysoeriol on DNA adduct formation with benzo[a]pyrene in MCF-7 breast cancer cells. <i>Toxicology</i> , 2010, 274, 42-48.	4.2	43
15	A Novel Method Using 8-hydroperoxy-2'-deoxyguanosine Formation for Evaluating Antioxidative Potency. <i>Free Radical Research</i> , 2002, 36, 307-316.	3.3	42
16	Breast Cancer and Flavonoids - A Role in Prevention. <i>Current Pharmaceutical Design</i> , 2013, 19, 6125-6132.	1.9	39
17	Spatial and vertical distributions of sedimentary halogenated polycyclic aromatic hydrocarbons in moderately polluted areas of Asia. <i>Environmental Pollution</i> , 2015, 196, 331-340.	7.5	38
18	Estrogen- and stress-induced DNA damage in breast cancer and chemoprevention with dietary flavonoid. <i>Genes and Environment</i> , 2017, 39, 10.	2.1	37

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19	Effects of fenofibrate on plasma and hepatic transaminase activities and hepatic transaminase gene expression in rats. <i>Journal of Toxicological Sciences</i> , 2009, 34, 377-387.	1.5	34
20	Genistein Regulated Serotonergic Activity in the Hippocampus of Ovariectomized Rats under Forced Swimming Stress. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2005-2010.	1.3	32
21	Yellow tea is more potent than other types of tea in suppressing liver toxicity induced by carbon tetrachloride in rats. <i>Phytotherapy Research</i> , 2007, 21, 668-670.	5.8	31
22	Isoflavones in several clover species and in milk from goats fed clovers. <i>BioFactors</i> , 2004, 22, 237-239.	5.4	30
23	Quercetin metabolites and protection against peroxynitrite-induced oxidative hepatic injury in rats. <i>Free Radical Research</i> , 2009, 43, 913-921.	3.3	30
24	Effects of Combined Administration of Quercetin, Rutin, and Extract of White Radish Sprout Rich in Kaempferol Glycosides on the Metabolism in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 279-281.	1.3	29
25	A methoxyflavonoid, chrysoeriol, selectively inhibits the formation of a carcinogenic estrogen metabolite in MCF-7 breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 118, 70-76.	2.5	29
26	Differential action of chlorinated polycyclic aromatic hydrocarbons on aryl hydrocarbon receptor-mediated signaling in breast cancer cells. <i>Environmental Toxicology</i> , 2010, 25, 180-187.	4.0	28
27	Pu-erh Tea Suppresses Diet-Induced Body Fat Accumulation in C57BL/6J Mice by Down-Regulating SREBP-1c and Related Molecules. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1455-1460.	1.3	22
28	Isolation stress for 30 days alters hepatic gene expression profiles, especially with reference to lipid metabolism in mice. <i>Physiological Genomics</i> , 2009, 37, 79-87.	2.3	21
29	Social isolation stress induces hepatic hypertrophy in C57BL/6J mice. <i>Journal of Toxicological Sciences</i> , 2012, 37, 1071-1076.	1.5	20
30	Elevated Levels of Serum IL-17A in Community-Dwelling Women with Higher Depressive Symptoms. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 102.	2.1	20
31	Anthocyanins in Mesocarp/Epicarp and Endocarp of Fresh Acai ( <i>Euterpe oleracea</i> Mart.) and their Antioxidant Activities and Bioavailability. <i>Food Science and Technology Research</i> , 2011, 17, 327-334.	0.6	19
32	Quercetin-3-O-glucuronide inhibits noradrenaline binding to $\alpha_2$ -adrenergic receptor, thus suppressing DNA damage induced by treatment with 4-hydroxyestradiol and noradrenaline in MCF-10A cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 122-129.	2.5	19
33	Bioavailability of isoflavones from soy products in equol producers and non-producers in Japanese women. <i>Journal of Nutrition &amp; Intermediary Metabolism</i> , 2016, 6, 41-47.	1.7	18
34	Effects of spaced feeding on gene expression of hepatic transaminase and gluconeogenic enzymes in rats. <i>Journal of Toxicological Sciences</i> , 2011, 36, 325-337.	1.5	16
35	Organ-specific distribution of 7-chlorinated benz[ <i>a</i> ]anthracene and regulation of selected cytochrome P450 genes in rats. <i>Journal of Toxicological Sciences</i> , 2013, 38, 137-143.	1.5	16
36	Coffee consumption delays the hepatitis and suppresses the inflammation related gene expression in the Long-Evans Cinnamon rat. <i>Clinical Nutrition</i> , 2014, 33, 302-310.	5.0	15

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37	Insights into the potential benefits of black soybean ( <i>Glycine max</i> L.) polyphenols in lifestyle diseases. <i>Food and Function</i> , 2020, 11, 7321-7339.	4.6	15
38	Proteomic Identification of Serum Proteins Associated with Stress-Induced Gastric Ulcers in Fasted Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 812-818.	1.3	14
39	Nocturnal Light Exposure Alters Hepatic <i>Pai-1</i> Expression by Stimulating the Adrenal Pathway in C3H Mice. <i>Experimental Animals</i> , 2014, 63, 331-338.	1.1	12
40	Effects of Animal Care Procedures on Plasma Corticosterone Levels in Group-Housed Mice during the Nocturnal Active Phase. <i>Experimental Animals</i> , 2010, 59, 637-642.	1.1	11
41	Anti-stress effects of polyphenols: animal models and human trials. <i>Food and Function</i> , 2020, 11, 5702-5717.	4.6	11
42	Serum IL-6 levels and oxidation rate of LDL cholesterol were related to depressive symptoms independent of omega-3 fatty acids among female hospital and nursing home workers in Japan. <i>Journal of Affective Disorders</i> , 2019, 249, 385-393.	4.1	10
43	Effects of Japanese Kelp (Kombu) on Life Span of Benzo [a] pyrene-Fed Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2005, 51, 369-373.	0.6	9
44	Daily consumption of monoglucosyl-rutin prevents high-fat diet-induced obesity by suppressing gastric inhibitory polypeptide secretion in mice. <i>Functional Foods in Health and Disease</i> , 2018, 8, 353.	0.6	9
45	Practical application of flavonoid-poor menu meals to the study of the bioavailability of bilberry anthocyanins in human subjects. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1748-1752.	1.3	8
46	Impact of Gut Microbiome on Hypertensive Patients With Low-Salt Intake: Shika Study Results. <i>Frontiers in Medicine</i> , 2020, 7, 475.	2.6	8
47	Effects of forced swimming stress on rat brain function. <i>Journal of Medical Investigation</i> , 2005, 52, 300-301.	0.5	6
48	Val1483Ile polymorphism in the fatty acid synthase gene was associated with depressive symptoms under the influence of psychological stress. <i>Journal of Affective Disorders</i> , 2011, 134, 448-452.	4.1	6
49	Depressive symptoms of female nursing staff working in stressful environments and their association with serum creatine kinase and lactate dehydrogenase – a preliminary study. <i>BioPsychoSocial Medicine</i> , 2014, 8, 21.	2.1	6
50	Sex-dependent difference in the hepatic and pulmonary toxicological effects in mice administrated 7-chlorinated benz[ <i>a</i> ]anthracene. <i>Fundamental Toxicological Sciences</i> , 2014, 1, 101-108.	0.6	6
51	Daily Consumption of Bilberry ( <i>Vaccinium myrtillus</i> L.) Extracts Increases the Absorption Rate of Anthocyanins in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7958-7964.	5.2	6
52	Relationships between plasma and tissue transaminase activities in rats maintained under different feeding conditions. <i>Journal of Toxicological Sciences</i> , 2010, 35, 639-652.	1.5	5
53	Diurnal rhythmicity in biological processes involved in bioavailability of functional food factors. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 52, 208-214.	1.4	5
54	Subchronic toxicity evaluation of leaves from rabbiteye blueberry ( <i>Vaccinium virgatum</i> Aiton) in rats. <i>Toxicology Reports</i> , 2019, 6, 272-278.	3.3	5

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55	A Frequent Drinking of Green Tea Lowers the Levels of Endogenous Oxidative Stress in Small Intestines, Erythrocytes and Kidneys in Rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2006, 39, 32-39.	1.4	5
56	Dietary Antioxidants Fail in Protection against Oxidative Genetic Damage in In Vitro Evaluation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 2395-2401.	1.3	4
57	Differences in micronucleus induction in peripheral blood reticulocytes of mice exposed to <i>N</i> -ethyl- <i>N</i> -nitrosourea at light and dark dosing times. <i>Journal of Toxicological Sciences</i> , 2012, 37, 427-430.	1.5	4
58	Whey Protein-hydrolyzed Peptides Diminish Hepatic Lipid Levels in Rats Consuming High-sucrose Diets. <i>Food Science and Technology Research</i> , 2016, 22, 631-638.	0.6	4
59	Dietary phytanic acid-induced changes in tissue fatty acid profiles in mice. <i>Journal of Dairy Research</i> , 2020, 87, 498-500.	1.4	4
60	Effects of dietary phytol on tissue accumulation of phytanic acid and pristanic acid and on the tissue lipid profiles in mice. <i>Animal Science Journal</i> , 2020, 91, e13424.	1.4	4
61	Daily consumption of black soybean ( <i>Glycine max</i> L.) seed coat polyphenols attenuates dyslipidemia in apolipoprotein E-deficient mice. <i>Journal of Functional Foods</i> , 2020, 72, 104054.	3.4	4
62	Subchronic safety evaluation of hot-water extract from thinned immature mangos ( <i>Mangifera indica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 To	3.3	4
63	Consumption of Salted Pickles of Sun-dried Radish Roots (&i&gt;Raphanus sativus cv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 To and Technology Research, 2017, 23, 757-763.	0.6	3
64	Beneficial effects of the consumption of sun-dried radishes ( <i>Raphanus sativus</i> cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 To 45, e13727.	2.9	3
65	4-Hydroxyestradiol Induces $\gamma$ -H2AX in the Presence of an Inhibitor of Catechol-O-methyltransferase in Human Breast Cancer MCF-7 Cells. <i>Genes and Environment</i> , 2012, 34, 129-135.	2.1	3
66	Effects of blueberry leaf and stem extracts on hepatic lipid levels in rats consuming a high-sucrose diet. <i>Functional Foods in Health and Disease</i> , 2018, 8, 447.	0.6	3
67	Feeble awake effects of plasminogen activator inhibitor type-1 in mice. <i>Behavioural Brain Research</i> , 2011, 220, 354-357.	2.2	2
68	Effects of environmental and social stressors on biological rhythms. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2016, 5, 143-152.	0.3	2
69	Dosage time affects alkylating agents induced micronuclei in mouse peripheral blood reticulocytes through the function of erythropoietin. <i>Journal of Toxicological Sciences</i> , 2019, 44, 273-282.	1.5	2
70	Omega-3 Eicosapentaenoic Acid Is Related to Happiness and a Sense of Fulfillment—A Study among Female Nursing Workers. <i>Nutrients</i> , 2020, 12, 3462.	4.1	2
71	Nocturnal light exposure stimulates the cardiac fibrinolysis system and stress responses in C3H/He mice. <i>Thrombosis Research</i> , 2020, 188, 79-81.	1.7	2
72	Maternal Quercetin Consumption during Pregnancy May Help Regulate Total Cholesterol/HDL-Cholesterol Ratio without Effect on Cholesterol Levels in Male Progeny Consuming High-Fat Diet. <i>Nutrients</i> , 2021, 13, 1242.	4.1	2

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73	Selective Consumption of Fish Oil at End of the Day Increases the Physiological Fatty Acid Compositions of Eicosapentaenoic Acid and Docosahexaenoic Acid in Mice. <i>Molecules</i> , 2022, 27, 1271.	3.8	2
74	Effects of Polyphenol Rich Herbal Medicine, <i>Ginkgo biloba</i> Extracts on Neurotransmitter Levels in Rat Brain. <i>ACS Symposium Series</i> , 2008, , 429-434.	0.5	1
75	Protocols for Preparation of a Flavonoid-poor Menu Satisfying the Dietary Reference Intakes for Japanese, 2005. <i>Nihon EiyÅ•ShokuryÅ•Gakkai Shi = Nippon EiyÅ•ShokuryÅ•Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2012, 65, 229-235.	0.2	1
76	Suitability of a 10% fat diet for use in time-restricted feeding experiments with C57BL/6 mice. <i>Bioactive Compounds in Health and Disease</i> , 2020, 3, 55.	0.6	1
77	Beneficial Effects of the Consumption of Hot-Water Extracts of Thinned Immature Mangos ( <i>Mangifera</i> ) Tj ETQq1 116.	0.784314 2.9	0