Kazuichi Sakamoto

List of Publications by Year
in descending order

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56 papers	1,415 citations	331670 21 h-index	345221 36 g-index
56 all docs	56 docs citations	56 times ranked	2257 citing authors

#	Article	IF	Citations
1	Protective Effect of Amber Extract on Human Dopaminergic Cells against 6-Hydroxydopamine-Induced Neurotoxicity. Molecules, 2022, 27, 1817.	3.8	4
2	Stress Buffering and Longevity Effects of Amber Extract on Caenorhabditis elegans (C. elegans). Molecules, 2022, 27, 3858.	3.8	1
3	Cortisol promotes stress tolerance via DAF-16 in Caenorhabditis elegans. Biochemistry and Biophysics Reports, 2021, 26, 100961.	1.3	5
4	Amber Extract Reduces Lipid Content in Mature 3T3-L1 Adipocytes by Activating the Lipolysis Pathway. Molecules, 2021, 26, 4630.	3.8	9
5	Î±-Mangostin suppressed melanogenesis in B16F10 murine melanoma cells through GSK3Î² and ERK signaling pathway. Biochemistry and Biophysics Reports, 2021, 26, 100949.	1.3	8
6	Kaempferol ameliorates symptoms of metabolic syndrome by improving blood lipid profile and glucose tolerance. Bioscience, Biotechnology and Biochemistry, 2021, 85, 2169-2176.	1.3	11
7	Niclosamide affects intracellular TDP-43 distribution in motor neurons, activates mitophagy, and attenuates morphological changes under stress. Journal of Bioscience and Bioengineering, 2021, 132, 640-650.	2.2	8
8	Role of amber extract in protecting SHSY5Y cells against amyloid Î²1-42-induced neurotoxicity. Biomedicine and Pharmacotherapy, 2021, 141, 111804.	5.6	9
9	Anti-inflammatory activities of amber extract in lipopolysaccharide-induced RAW 264.7 macrophages. Biomedicine and Pharmacotherapy, 2021, 141, 111854.	5.6	23
10	Grape Extract Promoted Î±-MSH-Induced Melanogenesis in B16F10 Melanoma Cells, Which Was Inverse to Resveratrol. Molecules, 2021, 26, 5959.	3.8	13
11	Effect of inactivated Bifidobacterium longum intake on obese diabetes model mice (TSOD). Food Research International, 2020, 129, 108792.	6.2	25
12	Quercetin enhances motility in aged and heat-stressed Caenorhabditis elegans nematodes by modulating both HSF-1 activity, and insulin-like and p38-MAPK signalling. PLoS ONE, 2020, 15, e0238528.	2.5	31
13	Alpha Mangostin promotes myogenic differentiation of C2C12 mouse myoblast cells. Biochemical and Biophysical Research Communications, 2020, 528, 193-198.	2.1	6
14	Î±-Pinene odor exposure enhances heat stress tolerance through Daf-16 in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2020, 528, 726-731.	2.1	2
15	Citric acid promoted melanin synthesis in B16F10 mouse melanoma cells, but inhibited it in human epidermal melanocytes and HMV-II melanoma cells via the GSK3Î²/Î²-catenin signaling pathway. PLoS ONE, 2020, 15, e0243565.	2.5	17
16	Title is missing!. , 2020, 15, e0238528.		0
17	Title is missing!. , 2020, 15, e0238528.		0
18	Title is missing!. , 2020, 15, e0238528.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0238528.		0
20	Oxytocin promotes heat stress tolerance via insulin signals in Caenorhabditis elegans. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1858-1866.	1.3	1
21	Pyruvic acid/ethyl pyruvate inhibits melanogenesis in B16F10 melanoma cells through PI3K/AKT, GSK3Î², and ROSâ€ERK signaling pathways. Genes To Cells, 2019, 24, 60-69.	1.2	27
22	Soy sauce increased the oxidative stress tolerance of nematode via p38 MAPK pathway. Bioscience, Biotechnology and Biochemistry, 2019, 83, 709-716.	1.3	7
23	Linalool odor stimulation improves heat stress tolerance and decreases fat accumulation in nematodes. Bioscience, Biotechnology and Biochemistry, 2019, 83, 148-154.	1.3	7
24	Killed Bifidobacterium longum enhanced stress tolerance and prolonged life span of Caenorhabditis elegans via DAF-16. British Journal of Nutrition, 2018, 120, 872-880.	2.3	25
25	Sterilized bifidobacteria suppressed fat accumulation and blood glucose level. Biochemical and Biophysical Research Communications, 2018, 501, 1041-1047.	2.1	59
26	Isoamyl alcohol odor promotes longevity and stress tolerance via DAF-16 in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2017, 485, 395-399.	2.1	13
27	Regulation of AKT activity prevents autonomic nervous system imbalance. Physiology and Behavior, 2017, 168, 20-23.	2.1	3
28	Krebs Cycle Intermediates Protective against Oxidative Stress by Modulating the Level of Reactive Oxygen Species in Neuronal HT22 Cells. Antioxidants, 2017, 6, 21.	5.1	37
29	Sakuranetin Induces Melanogenesis in B16BL6 Melanoma Cells through Inhibition of ERK and PI3K/AKT Signaling Pathways. Phytotherapy Research, 2016, 30, 997-1002.	5.8	29
30	l-arginine, an active component of salmon milt nucleoprotein, promotes thermotolerance via Sirtuin in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2016, 472, 287-291.	2.1	22
31	Central nervous system promotes thermotolerance via FoxO/DAF-16 activation through octopamine and acetylcholine signaling in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2016, 472, 114-117.	2.1	14
32	Ice Plant (Mesembryanthemum crystallinum) Extract Promotes Lipolysis in Mouse 3T3-L1 Adipocytes Through Extracellular Signal-Regulated Kinase Activation. Journal of Medicinal Food, 2016, 19, 274-280.	1.5	6
33	Heat shock factor 1 prevents the reduction in thrashing due to heat shock in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2015, 462, 190-194.	2.1	8
34	Isosakuranetin, a 4â€²-O-methylated flavonoid, stimulates melanogenesis in B16BL6 murine melanoma cells. Life Sciences, 2015, 143, 43-49.	4.3	14
35	FoxO/Daf-16 restored thrashing movement reduced by heat stress in Caenorhabditis elegans. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 170, 26-32.	1.6	18
36	Hydroxytyrosol stimulates lipolysis via A-kinase and extracellular signal-regulated kinase activation in 3T3-L1 adipocytes. European Journal of Nutrition, 2014, 53, 743-750.	3.9	18

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37	Modulation of adipogenesis, lipolysis and glucose consumption in 3T3-L1 adipocytes and C2C12 myotubes by hydroxytyrosol acetate: A comparative study. Biochemical and Biophysical Research Communications, 2013, 440, 576-581.	2.1	19
38	(â˜')â€Epigallocatechin gallate suppresses adipocyte differentiation through the MEK/ERK and PI3K/Akt pathways. Cell Biology International, 2012, 36, 147-153.	3.0	62
39	Physiological Effects of Salmon Milt Nucleoprotein on Movement, Stress Tolerance and Lifespan of <i>C. elegans</i>. Food and Nutrition Sciences (Print), 2012, 03, 48-54.	0.4	1
40	Oleuropein and hydroxytyrosol inhibit adipocyte differentiation in 3 T3-L1 cells. Life Sciences, 2011, 89, 708-716.	4.3	82
41	Physiological effects of an herbal extract mixture containing Acanthopanax senticosus Harms on the development, reproduction, and lipid metabolism of Caenorhabditis elegans. Journal of Natural Pharmaceuticals, 2011, 2, 173.	0.8	0
42	Green tea polyphenol (â˜')â€epigallocatechin gallate suppressed the differentiation of murine osteoblastic MC3T3â€E1 cells. Cell Biology International, 2010, 34, 109-116.	3.0	50
43	Mouse 3T3-L1 cells acquire resistance against oxidative stress as the adipocytes differentiate via the transcription factor FoxO. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 83-93.	4.9	21
44	Nicotinamide adenine dinucleotide extends the lifespan of Caenorhabditis elegans mediated by sir-2.1 and daf-16. Biogerontology, 2010, 11, 31-43.	3.9	46
45	Fat accumulation in Caenorhabditis elegans is mediated by SREBP homolog SBP-1. Genes and Nutrition, 2010, 5, 17-27.	2.5	90
46	(â˜') Epigallocatechin gallate suppresses the differentiation of 3T3-L1 preadipocytes through transcription factors FoxO1 and SREBP1c. Cytotechnology, 2010, 62, 245-255.	1.6	69
47	Polyunsaturated fatty acids are involved in regulatory mechanism of fatty acid homeostasis via daf-2/insulin signaling in Caenorhabditis elegans. Molecular and Cellular Endocrinology, 2010, 323, 183-192.	3.2	29
48	P53 negatively regulates the transcriptional activity of FOXO3a under oxidative stress. Cell Biology International, 2009, 33, 853-860.	3.0	32
49	Forkhead transcription factor Foxo1 is essential for adipocyte differentiation. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 642-651.	1.5	64
50	Fatty-acid metabolism is involved in stress-resistance mechanisms of Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2009, 390, 1402-1407.	2.1	52
51	Forkhead transcription factor FOXO subfamily is essential for reactive oxygen species-induced apoptosis. Molecular and Cellular Endocrinology, 2008, 281, 47-55.	3.2	81
52	Oxidative stress induced lipid accumulation via SREBP1c activation in HepG2 cells. Biochemical and Biophysical Research Communications, 2008, 375, 602-607.	2.1	142
53	Elongation and Desaturation of Fatty Acids are Critical in Growth, Lipid Metabolism and Ontogeny of Caenorhabditis elegans. Journal of Biochemistry, 2008, 144, 149-158.	1.7	45
54	Cloning and Characterization of the Novel Isoforms for PGF 2Î± Receptor in the Bovine Corpus Luteum. DNA Sequence, 2002, 13, 307-311.	0.7	13

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55	Suppression of Protein Kinase C Signaling by the Novel Isoform for Bovine PGF2Î± Receptor. Biochemical and Biophysical Research Communications, 2001, 285, 1-8.	2.1	20
56	Genomic organization and characterization of the gene encoding bovine prostaglandin F2Î± receptor. Gene, 1997, 190, 271-278.	2.2	17