Mototada Shichiri

List of Publications by Year
in descending order

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55 papers	1,811 citations	279798 23 h-index	265206 42 g-index
56 all docs	56 docs citations	56 times ranked	3100 citing authors

#	Article	IF	Citations
1	Influenza virus entry and replication inhibited by 8â€prenylnaringenin from Citrullus lanatus var. citroides (wild watermelon). Food Science and Nutrition, 2022, 10, 926-935.	3.4	7
2	Chemical and Biological Evidence of the Efficacy of Shengxian Decoction for Treating Human Lung Adenocarcinoma. Frontiers in Oncology, 2022, 12, 849579.	2.8	0
3	Hepatic resistance to cold ferroptosis in a mammalian hibernator Syrian hamster depends on effective storage of diet-derived Î±-tocopherol. Communications Biology, 2021, 4, 796.	4.4	12
4	Development of a method for evaluating the mRNA transcription activity of influenza virus RNA-dependent RNA polymerase through real-time reverse transcription polymerase chain reaction. Virology Journal, 2021, 18, 177.	3.4	0
5	Stress-activated leukocyte 12/15-lipoxygenase metabolite enhances struggle behaviour and tocotrienols relieve stress-induced behaviour alteration. Free Radical Biology and Medicine, 2021, 175, 171-183.	2.9	4
6	Induction of a 5-lipoxygenase product by daidzein is involved in the regulation of influenza virus replication. Journal of Clinical Biochemistry and Nutrition, 2020, 66, 36-42.	1.4	16
7	Probucol induces the generation of lipid peroxidation products in erythrocytes and plasma of male cynomolgus macaques. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 129-142.	1.4	6
8	Ascorbic acid insufficiency impairs spatial memory formation in juvenile AKR1A-knockout mice. Journal of Clinical Biochemistry and Nutrition, 2019, 65, 209-216.	1.4	9
9	Early diagnosis of type 2 diabetes based on multiple biomarkers and non-invasive indices. Journal of Clinical Biochemistry and Nutrition, 2018, 62, 187-194.	1.4	5
10	Yuzu (<i>Citrus junos</i> Tanaka) Peel Attenuates Dextran Sulfate Sodium-induced Murine Experimental Colitis. Journal of Oleo Science, 2018, 67, 335-344.	1.4	18
11	An open sandwich immunoassay for detection of 13(R,S)-hydroxy-9(E),11(E)-octadecadienoic acid. Analyst, The, 2017, 142, 787-793.	3.5	16
12	Heightened aggressive behavior in mice deficient in aldo-keto reductase 1a (Akr1a). Behavioural Brain Research, 2017, 319, 219-224.	2.2	8
13	Probucol dramatically enhances dihydroartemisinin effect in murine malaria. Malaria Journal, 2016, 15, 472.	2.3	9
14	Trichloroethylene exposure aggravates behavioral abnormalities in mice that are deficient in superoxide dismutase. Regulatory Toxicology and Pharmacology, 2016, 79, 83-90.	2.7	6
15	Dynamics of hydroxyoctadecadienoic acid in epilepsy patients treated with valproic acid. Pediatrics International, 2016, 58, 45-48.	0.5	1
16	Oxidation and interaction of DJ-1 with 20S proteasome in the erythrocytes of early stage Parkinsonâ€™s disease patients. Scientific Reports, 2016, 6, 30793.	3.3	30
17	Title is missing!. Kagaku To Seibutsu, 2016, 54, 305-307.	0.0	0
18	The induction of lipid peroxidation during the acute oxidative stress response induced by intratracheal instillation of fine crystalline silica particles in rats. Toxicology and Industrial Health, 2016, 32, 1430-1437.	1.4	7

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19	Effect of anti-hyperlipidemia drugs on the alpha-tocopherol concentration and their potential for murine malaria infection. Parasitology Research, 2016, 115, 69-75.	1.6	8
20	Chemistry of Lipid Peroxidation Products and Their Use as Biomarkers in Early Detection of Diseases. Journal of Oleo Science, 2015, 64, 347-356.	1.4	37
21	Probucol-Induced Î±-Tocopherol Deficiency Protects Mice against Malaria Infection. PLoS ONE, 2015, 10, e0136014.	2.5	14
22	Intratracheal instillation of single-wall carbon nanotubes in the rat lung induces time-dependent changes in gene expression. Nanotoxicology, 2015, 9, 290-301.	3.0	44
23	Singlet-oxygen-derived products from linoleate activate Nrf2 signaling in skin cells. Free Radical Biology and Medicine, 2015, 79, 164-175.	2.9	24
24	Oleuropein-Rich Diet Attenuates Hyperglycemia and Impaired Glucose Tolerance in Type 2 Diabetes Model Mouse. Journal of Agricultural and Food Chemistry, 2015, 63, 6715-6722.	5.2	49
25	Enhancement of lipid peroxidation and its amelioration by vitamin E in a subject with mutations in the SBP2 gene. Journal of Lipid Research, 2015, 56, 2172-2182.	4.2	30
26	Switching from singlet-oxygen-mediated oxidation to free-radical-mediated oxidation in the pathogenesis of type 2 diabetes in model mouse. Free Radical Research, 2015, 49, 133-138.	3.3	22
27	Multi-Biomarkers for Early Detection of Type 2 Diabetes, Including 10- and 12-(Z,E)-Hydroxyoctadecadienoic Acids, Insulin, Leptin, and Adiponectin. PLoS ONE, 2015, 10, e0130971.	2.5	27
28	The role of lipid peroxidation in neurological disorders. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 151-160.	1.4	195
29	DHA concentration of red blood cells is inversely associated with markers of lipid peroxidation in men taking DHA supplement. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 196-202.	1.4	8
30	Type 2 diabetes model TSOD mouse is exposed to oxidative stress at young age. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 216-220.	1.4	13
31	Unregulated Lipid Peroxidation in Neurological Dysfunction. , 2014, , 31-55.		6
32	Attenuation of lipopolysaccharide (LPS)-induced cytotoxicity by tocopherols and tocotrienols. Redox Biology, 2013, 1, 97-103.	9.0	69
33	Oxidative stress is involved in fatigue induced by overnight deskwork as assessed by increase in plasma tocopherylhydroqinone and hydroxycholesterol. Biological Psychology, 2013, 94, 527-533.	2.2	15
34	Lipid peroxidation biomarkers for evaluating oxidative stress and assessing antioxidant capacity <i>in vivo</i>. Journal of Clinical Biochemistry and Nutrition, 2013, 52, 9-16.	1.4	161
35	Singlet Oxygen Induced Products of Linoleates, 10- and 12-(Z,E)-Hydroxyoctadecadienoic Acids (HODE), Can Be Potential Biomarkers for Early Detection of Type 2 Diabetes. PLoS ONE, 2013, 8, e63542.	2.5	49
36	A Novel Role for Î±-Tocopherol Transfer Protein (Î±-TTP) in Protecting against Chloroquine Toxicity. Journal of Biological Chemistry, 2012, 287, 2926-2934.	3.4	17

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37	Plasma Platelet-Activating Factorâ€“Acetyl Hydrolase Activity and the Levels of Free Forms of Biomarker of Lipid Peroxidation in Cerebrospinal Fluid of Patients With Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2012, 70, 602-609.	1.1	13
38	Capacity of peroxyl radical scavenging and inhibition of lipid peroxidation by Î²-carotene, lycopene, and commercial tomato juice. Food and Function, 2012, 3, 1153.	4.6	16
39	Photothermic regulation of gene expression triggered by laser-induced carbon nanohorns. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7523-7528.	7.1	96
40	Capacity of fucoxanthin for scavenging peroxyl radicals and inhibition of lipid peroxidation in model systems. Free Radical Research, 2012, 46, 1406-1412.	3.3	21
41	Comparison of acute oxidative stress on rat lung induced by nano and fine-scale, soluble and insoluble metal oxide particles: NiO and TiO₂. Inhalation Toxicology, 2012, 24, 391-400.	1.6	61
42	Fatty liver induced by free radicals and lipid peroxidation. Free Radical Research, 2012, 46, 758-765.	3.3	61
43	Reactivity toward oxygen radicals and antioxidant action of thiol compounds. BioFactors, 2012, 38, 240-248.	5.4	20
44	Assessment of antioxidant capacity for scavenging free radicals in vitro: A rational basis and practical application. Free Radical Biology and Medicine, 2012, 52, 1242-1252.	2.9	82
45	Evaluation of Acute Oxidative Stress Induced by NiO Nanoparticles In Vivo and In Vitro. Journal of Occupational Health, 2011, 53, 64-74.	2.1	93
46	Î±-Tocopheryl phosphate: Uptake, hydrolysis, and antioxidant action in cultured cells and mouse. Free Radical Biology and Medicine, 2011, 50, 1794-1800.	2.9	32
47	Î±-Tocopherol suppresses lipid peroxidation and behavioral and cognitive impairments in the Ts65Dn mouse model of Down syndrome. Free Radical Biology and Medicine, 2011, 50, 1801-1811.	2.9	112
48	A Photoâ€Thermalâ€Electrical Converter Based On Carbon Nanotubes for Bioelectronic Applications. Angewandte Chemie - International Edition, 2011, 50, 12266-12270.	13.8	46
49	Quantitative Analysis of Lipid Peroxidation Products Using Mass Spectrometry. , 2011, , 877-884.		3
50	ATP-Binding cassette transporter A1 is involved in hepatic Î±-tocopherol secretion. Journal of Nutritional Biochemistry, 2010, 21, 451-456.	4.2	47
51	Elevation of oxidized DJ-1 in the brain and erythrocytes of Parkinson disease model animals. Neuroscience Letters, 2010, 483, 201-205.	2.1	27
52	Alpha-tocopherol transfer protein disruption confers resistance to malarial infection in mice. Malaria Journal, 2010, 9, 101.	2.3	23
53	Preparation and application of monoclonal antibodies against oxidized DJ-1. Significant elevation of oxidized DJ-1 in erythrocytes of early-stage Parkinson disease patients. Neuroscience Letters, 2009, 465, 1-5.	2.1	75
54	Protection of cerebellar granule cells by tocopherols and tocotrienols against methylmercury toxicity. Brain Research, 2007, 1182, 106-115.	2.2	27

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55	Efficacy of high sodium intake in a boy with instantaneous orthostatic hypotension. Clinical Autonomic Research, 2002, 12, 47-50.	2.5	14