

Shiro Mawatari

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

595
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory/anti-amyloidogenic effects of plasmalogens in lipopolysaccharide-induced neuroinflammation in adult mice. <i>Journal of Neuroinflammation</i> , 2012, 9, 197.	7.2	101
2	Efficacy and Blood Plasmalogen Changes by Oral Administration of Plasmalogen in Patients with Mild Alzheimer's Disease and Mild Cognitive Impairment: A Multicenter, Randomized, Double-blind, Placebo-controlled Trial. <i>EBioMedicine</i> , 2017, 17, 199-205.	6.1	100
3	Effects of plasmalogens on systemic lipopolysaccharide-induced glial activation and β -amyloid accumulation in adult mice. <i>Annals of the New York Academy of Sciences</i> , 2012, 1262, 85-92.	3.8	49
4	Separation of intact plasmalogens and all other phospholipids by a single run of high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 2007, 370, 54-59.	2.4	41
5	Dietary Sphingolipids Ameliorate Disorders of Lipid Metabolism in Zucker Fatty Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7030-7035.	5.2	41
6	Analysis of Membrane Phospholipid Peroxidation by Isocratic High-Performance Liquid Chromatography with Ultraviolet Detection. <i>Analytical Biochemistry</i> , 1998, 264, 118-123.	2.4	33
7	Changes in Phospholipid Composition of Erythrocyte Membrane in Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012, 2, 298-303.	1.3	30
8	Improvement of Blood Plasmalogens and Clinical Symptoms in Parkinson's Disease by Oral Administration of Ether Phospholipids: A Preliminary Report. <i>Parkinson's Disease</i> , 2020, 2020, 1-7.	1.1	27
9	Simultaneous Preparation of Purified Plasmalogens and Sphingomyelin in Human Erythrocytes with Phospholipase A ₁ from <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2621-2625.	1.3	26
10	Dietary plasmalogen increases erythrocyte membrane plasmalogen in rats. <i>Lipids in Health and Disease</i> , 2012, 11, 161.	3.0	24
11	Plasmalogens, the Vinyl Ether-Linked Glycerophospholipids, Enhance Learning and Memory by Regulating Brain-Derived Neurotrophic Factor. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 828282.	3.7	20
12	Biological Functions of Plasmalogens. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1299, 171-193.	1.6	19
13	Effects of ascorbate on membrane phospholipids and tocopherols of intact erythrocytes during peroxidation by t-butylhydroperoxide: Comparison with effects of dithiothreitol. <i>Lipids</i> , 2001, 36, 57-65.	1.7	18
14	Measurement of Ether Phospholipids in Human Plasma with HPLC-ELSD and LC/ESI-MS After Hydrolysis of Plasma with Phospholipase A ₁ . <i>Lipids</i> , 2016, 51, 997-1006.	1.7	17
15	Therapeutic Efficacy of Plasmalogens for Alzheimer's Disease, Mild Cognitive Impairment, and Parkinson's Disease in Conjunction with a New Hypothesis for the Etiology of Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1299, 195-212.	1.6	15
16	Identification of plasmalogens in <i>Bifidobacterium longum</i> , but not in <i>Bifidobacterium animalis</i> . <i>Scientific Reports</i> , 2020, 10, 427.	3.3	14
17	Effects of Plasmalogen on Patients with Mild Cognitive Impairment: A Randomized, Placebo-Controlled Trial in Japan. , 2018, 08, .		10
18	Enzymatic measurement of ether phospholipids in human plasma after hydrolysis of plasma with phospholipase A1. <i>Practical Laboratory Medicine</i> , 2018, 10, 44-51.	1.3	4

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19	Orally Administered Plasmalogens Alleviate Negative Mood States and Enhance Mental Concentration: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	3
20	Plasmalogen-Mediated Activation of GPCR21 Regulates Cytolytic Activity of NK Cells against the Target Cells. <i>Journal of Immunology</i> , 2022, 209, 310-325.	0.8	2
21	“Original Contribution” Plasma and Erythrocyte Membrane Plasmalogen Diminished in Severe Atherosclerotic Patients Undergoing Endovascular Therapy. <i>Membrane</i> , 2017, 42, 242-249.	0.0	1