Shiro Mawatari

List of Publications by Year
in descending order

21	595	623734 14	752698 20
papers	citations	h-index	g-index

21	21	21	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasmalogens, the Vinyl Ether-Linked Glycerophospholipids, Enhance Learning and Memory by Regulating Brain-Derived Neurotrophic Factor. Frontiers in Cell and Developmental Biology, 2022, 10, 828282.	3.7	20
2	Orally Administered Plasmalogens Alleviate Negative Mood States and Enhance Mental Concentration: A Randomized, Double-Blind, Placebo-Controlled Trial. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	3
3	Plasmalogen-Mediated Activation of GPCR21 Regulates Cytolytic Activity of NK Cells against the Target Cells. Journal of Immunology, 2022, 209, 310-325.	0.8	2
4	Improvement of Blood Plasmalogens and Clinical Symptoms in Parkinsonâ€™s Disease by Oral Administration of Ether Phospholipids: A Preliminary Report. Parkinson's Disease, 2020, 2020, 1-7.	1.1	27
5	Identification of plasmalogens in Bifidobacterium longum, but not in Bifidobacterium animalis. Scientific Reports, 2020, 10, 427.	3.3	14
6	Therapeutic Efficacy of Plasmalogens for Alzheimerâ€™s Disease, Mild Cognitive Impairment, and Parkinsonâ€™s Disease in Conjunction with a New Hypothesis for the Etiology of Alzheimerâ€™s Disease. Advances in Experimental Medicine and Biology, 2020, 1299, 195-212.	1.6	15
7	Biological Functions of Plasmalogens. Advances in Experimental Medicine and Biology, 2020, 1299, 171-193.	1.6	19
8	Enzymatic measurement of ether phospholipids in human plasma after hydrolysis of plasma with phospholipase A1. Practical Laboratory Medicine, 2018, 10, 44-51.	1.3	4
9	Effects of Plasmalogen on Patients with Mild Cognitive Impairment: A Randomized, Placebo-Controlled Trial in Japan. , 2018, 08, .		10
10	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. EBioMedicine, 2017, 17, 199-205.	6.1	100
11	ã€Original Contributionã€‘ Plasma and Erythrocyte Membrane Plasmalogen Diminished in Severe Atherosclerotic Patients Undergoing Endovascular Therapy. Membrane, 2017, 42, 242-249.	0.0	1
12	Measurement of Ether Phospholipids in Human Plasma with HPLCâ€“ELSD and LC/ESIâ€“MS After Hydrolysis of Plasma with Phospholipase A₁. Lipids, 2016, 51, 997-1006.	1.7	17
13	Changes in Phospholipid Composition of Erythrocyte Membrane in Alzheimerâ€™s Disease. Dementia and Geriatric Cognitive Disorders Extra, 2012, 2, 298-303.	1.3	30
14	Anti-inflammatory/anti-amyloidogenic effects of plasmalogens in lipopolysaccharide-induced neuroinflammation in adult mice. Journal of Neuroinflammation, 2012, 9, 197.	7.2	101
15	Dietary plasmalogen increases erythrocyte membrane plasmalogen in rats. Lipids in Health and Disease, 2012, 11, 161.	3.0	24
16	Effects of plasmalogens on systemic lipopolysaccharideâ€induced glial activation and Î²â€amyloid accumulation in adult mice. Annals of the New York Academy of Sciences, 2012, 1262, 85-92.	3.8	49
17	Dietary Sphingolipids Ameliorate Disorders of Lipid Metabolism in Zucker Fatty Rats. Journal of Agricultural and Food Chemistry, 2010, 58, 7030-7035.	5.2	41
18	Simultaneous Preparation of Purified Plasmalogens and Sphingomyelin in Human Erythrocytes with Phospholipase A₁fromAspergillus orizae. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2621-2625.	1.3	26

#	Article	IF	Citations
19	Separation of intact plasmalogens and all other phospholipids by a single run of high-performance liquid chromatography. Analytical Biochemistry, 2007, 370, 54-59.	2.4	41
20	Effects of ascorbate on membrane phospholipids and tocopherols of intact erythrocytes during peroxidation by t-butylhydroperoxide: Comparison with effects of dithiothreitol. Lipids, 2001, 36, 57-65.	1.7	18
21	Analysis of Membrane Phospholipid Peroxidation by Isocratic High-Performance Liquid Chromatography with Ultraviolet Detection. Analytical Biochemistry, 1998, 264, 118-123.	2.4	33