

Ichiro Koshiishi

List of Publications by Year in descending order

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14
papers

403
citations

1478505

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1058476

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15
docs citations

15
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipoxygenase-mediated generation of lipid peroxides enhances ferroptosis induced by erastin and RSL3. <i>Cancer Science</i> , 2017, 108, 2187-2194.	3.9	303
2	Radical scavenger can scavenge lipid allyl radicals complexed with lipoxygenase at lower oxygen content. <i>Biochemical Journal</i> , 2006, 395, 303-309.	3.7	21
3	Regulation of S-thiolation and S-nitrosylation in the thiol/nitric oxide system by radical scavengers. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 356-361.	2.7	17
4	Quantification of lipid alkyl radicals trapped with nitroxyl radical via HPLC with postcolumn thermal decomposition. <i>Journal of Lipid Research</i> , 2005, 46, 2506-2513.	4.2	16
5	Botanical sulfane sulfur donors inhibit ferroptotic cell death caused by the depletion of cysteine. <i>Food Chemistry</i> , 2021, 343, 128511.	8.2	10
6	Simple and sensitive quantification of glutathione hydropersulfide alkylated using iodoacetamide by high-performance liquid chromatography with post-column derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1163, 122516.	2.3	6
7	2,2,6,6-Tetramethylpiperidine-1-oxyl acts as a volatile inhibitor of ferroptosis and neurological injury. <i>Journal of Biochemistry</i> , 2022, 172, 71-78.	1.7	6
8	Feedback activation of ferrous 5-lipoxygenase during leukotriene synthesis by coexisting linoleic acid. <i>Journal of Lipid Research</i> , 2007, 48, 1371-1377.	4.2	5
9	Intramolecular rearrangement of linolenate peroxy radicals in lipoxygenase reactions at lower oxygen content. <i>Journal of Lipid Research</i> , 2007, 48, 855-862.	4.2	5
10	Trapping of fatty acid allyl radicals generated in lipoxygenase reactions in biological fluids by nitroxyl radical. <i>Biomedical Chromatography</i> , 2010, 24, 794-797.	1.7	4
11	Catalytic Production of Oxo-fatty Acids by Lipoxygenases Is Mediated by the Radical-Radical Dismutation between Fatty Acid Alkoxy Radicals and Fatty Acid Peroxy Radicals in Fatty Acid Assembly. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 258-264.	1.3	4
12	Oxidative cleavage of polyunsaturated fatty acid chains via dioxygenation/pseudoperoxidation by 15-lipoxygenase. <i>Advances in Redox Research</i> , 2021, 3, 100023.	2.1	3
13	Nitric oxide converts fatty acid alkoxy radicals into fatty acid allyl radicals. <i>Archives of Biochemistry and Biophysics</i> , 2011, 516, 154-159.	3.0	2
14	Simultaneous evaluation of one-electron reducing systems and radical reactions in cells by nitroxyl biradical as probe. <i>Biomedical Chromatography</i> , 2016, 30, 1131-1137.	1.7	1