

Shoko Mihara

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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1474206

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docs citations

9
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	The Importance of the C-Terminal Cys Pair of Phosphoribulokinase in Phototrophs in Thioredoxin-Dependent Regulation. <i>Plant and Cell Physiology</i> , 2022, 63, 855-868.	3.1	4
2	Thioredoxin pathway in <i>Anabaena</i> sp. PCC 7120: activity of NADPH-thioredoxin reductase C. <i>Journal of Biochemistry</i> , 2021, 169, 709-719.	1.7	3
3	Thioredoxin targets are regulated in heterocysts of cyanobacterium <i>Anabaena</i> sp. PCC 7120 in a light-independent manner. <i>Journal of Experimental Botany</i> , 2020, 71, 2018-2027.	4.8	9
4	Real-time monitoring of the in vivo redox state transition using the ratiometric redox state sensor protein FROG/B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16019-16026.	7.1	19
5	The thioredoxin (Trx) redox state sensor protein can visualize Trx activities in the light/dark response in chloroplasts. <i>Journal of Biological Chemistry</i> , 2019, 294, 12091-12098.	3.4	28
6	Disruption of the Gene <i>trx-m1</i> Impedes the Growth of <i>Anabaena</i> sp. PCC 7120 under Nitrogen Starvation. <i>Plant and Cell Physiology</i> , 2019, 60, 1504-1513.	3.1	5
7	Thioredoxin regulates G6PDH activity by changing redox states of <i>OpcA</i> in the nitrogen-fixing cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Biochemical Journal</i> , 2018, 475, 1091-1105.	3.7	16
8	The Absence of Thioredoxin <i>m1</i> and Thioredoxin C in <i>Anabaena</i> sp. PCC 7120 Leads to Oxidative Stress. <i>Plant and Cell Physiology</i> , 2018, 59, 2432-2441.	3.1	7
9	Functional Significance of NADPH-Thioredoxin Reductase C in the Antioxidant Defense System of Cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Plant and Cell Physiology</i> , 2016, 58, pcw182.	3.1	16