

# Shoko Mihara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1772383/publications.pdf>

Version: 2024-02-01

9  
papers

107  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

105  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | 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        |
| 2 | 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        |
| 3 | 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        |
| 4 | Thioredoxin regulates G6PDH activity by changing redox states of OpcA in the nitrogen-fixing cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>Biochemical Journal</i> , 2018, 475, 1091-1105.   | 3.7 | 16        |
| 5 | 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         |
| 6 | The Absence of Thioredoxin m1 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         |
| 7 | 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         |
| 8 | 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         |
| 9 | 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         |