

# Keshav Dahal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2599757/publications.pdf>

Version: 2024-02-01

13  
papers

691  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Potato Stress Tolerance and Tuber Yield Under a Climate Change Scenario – A Current Overview. <i>Frontiers in Plant Science</i> , 2019, 10, 563.	3.6	167
2	Alternative oxidase respiration maintains both mitochondrial and chloroplast function during drought. <i>New Phytologist</i> , 2017, 213, 560-571.	7.3	111
3	Photosynthesis, respiration and growth: A carbon and energy balancing act for alternative oxidase. <i>Mitochondrion</i> , 2020, 52, 197-211.	3.4	84
4	Mitochondrial Alternative Oxidase Maintains Respiration and Preserves Photosynthetic Capacity during Moderate Drought in <i>Nicotiana tabacum</i> . <i>Plant Physiology</i> , 2014, 166, 1560-1574.	4.8	79
5	Improved photosynthetic performance during severe drought in <i>Nicotiana tabacum</i> overexpressing a nonenergy conserving respiratory electron sink. <i>New Phytologist</i> , 2015, 208, 382-395.	7.3	51
6	Knockdown of mitochondrial alternative oxidase induces the “stress state” of signaling molecule pools in <i>Nicotiana tabacum</i> , with implications for stomatal function. <i>New Phytologist</i> , 2014, 203, 449-461.	7.3	48
7	Coordinated regulation of photosynthetic and respiratory components is necessary to maintain chloroplast energy balance in varied growth conditions. <i>Journal of Experimental Botany</i> , 2016, 68, erw469.	4.8	37
8	Growth at Elevated CO <sub>2</sub> Requires Acclimation of the Respiratory Chain to Support Photosynthesis. <i>Plant Physiology</i> , 2018, 178, 82-100.	4.8	34
9	Improved chloroplast energy balance during water deficit enhances plant growth: more crop per drop. <i>Journal of Experimental Botany</i> , 2018, 69, 1183-1197.	4.8	31
10	Potato Response to Drought Stress: Physiological and Growth Basis. <i>Frontiers in Plant Science</i> , 2021, 12, 698060.	3.6	25
11	The Complementary Roles of Chloroplast Cyclic Electron Transport and Mitochondrial Alternative Oxidase to Ensure Photosynthetic Performance. <i>Frontiers in Plant Science</i> , 2021, 12, 748204.	3.6	15
12	Does the stromal concentration of P <sub>i</sub> control chloroplast ATP synthase protein amount in contrasting growth environments?. <i>Plant Signaling and Behavior</i> , 2019, 14, 1675473.	2.4	3
13	Growth at Elevated CO <sub>2</sub> Enhanced Photosynthetic Performance and Potato Yield. , 2020, , .		0