

# Simon Strobbe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7460383/publications.pdf>

Version: 2024-02-01

16  
papers

625  
citations

1040018

9  
h-index

1058452

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving folate (vitamin B9) stability in biofortified rice through metabolic engineering. <i>Nature Biotechnology</i> , 2015, 33, 1076-1078.	17.5	140
2	Multiplying the efficiency and impact of biofortification through metabolic engineering. <i>Nature Communications</i> , 2020, 11, 5203.	12.8	106
3	Status and market potential of transgenic biofortified crops. <i>Nature Biotechnology</i> , 2015, 33, 25-29.	17.5	86
4	Folate biofortification in food crops. <i>Current Opinion in Biotechnology</i> , 2017, 44, 202-211.	6.6	78
5	Folate Biofortification of Potato by Tuber-Specific Expression of Four Folate Biosynthesis Genes. <i>Molecular Plant</i> , 2018, 11, 175-188.	8.3	49
6	Toward Eradication of B-Vitamin Deficiencies: Considerations for Crop Biofortification. <i>Frontiers in Plant Science</i> , 2018, 9, 443.	3.6	41
7	From in planta Function to Vitamin-Rich Food Crops: The ACE of Biofortification. <i>Frontiers in Plant Science</i> , 2018, 9, 1862.	3.6	32
8	Metabolic engineering of rice endosperm towards higher vitamin B1 accumulation. <i>Plant Biotechnology Journal</i> , 2021, 19, 1253-1267.	8.3	26
9	Regulation of Plant Vitamin Metabolism: Backbone of Biofortification for the Alleviation of Hidden Hunger. <i>Molecular Plant</i> , 2021, 14, 40-60.	8.3	25
10	The First Comprehensive LC-MS/MS Method Allowing Dissection of the Thiamine Pathway in Plants. <i>Analytical Chemistry</i> , 2020, 92, 4073-4081.	6.5	11
11	Metabolic engineering provides insight into the regulation of thiamin biosynthesis in plants. <i>Plant Physiology</i> , 2021, 186, 1832-1847.	4.8	10
12	Clinical determination of folates: recent analytical strategies and challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4383-4399.	3.7	9
13	An optimized LC-MS/MS method as a pivotal tool to steer thiamine biofortification strategies in rice. <i>Talanta</i> , 2021, 224, 121905.	5.5	5
14	A novel panel of yeast assays for the assessment of thiamin and its biosynthetic intermediates in plant tissues. <i>New Phytologist</i> , 2022, 234, 748-763.	7.3	5
15	Consumer Acceptance and Willingness-to-Pay for Genetically Modified Foods with Enhanced Vitamin Levels. , 2016, , 195-206.		1
16	Tomatoes supply the "sunshine vitamin"™. <i>Nature Plants</i> , 0, , .	9.3	1