Simon Strobbe

List of Publications by Citations

14 papers	355 citations	8 h-index	17 g-index
17 ext. papers	497 ext. citations	14.1 avg, IF	3.96 L-index

#	Paper	IF	Citations
14	Improving folate (vitamin B9) stability in biofortified rice through metabolic engineering. *Nature Biotechnology*, **2015**, 33, 1076-8	44.5	106
13	Status and market potential of transgenic biofortified crops. *Nature Biotechnology*, **2015**, 33, 25-9	44.5	63
12	Folate biofortification in food crops. *Current Opinion in Biotechnology*, **2017**, 44, 202-211	11.4	54
11	Multiplying the efficiency and impact of biofortification through metabolic engineering. *Nature Communications*, **2020**, 11, 5203	17.4	40
10	Toward Eradication of B-Vitamin Deficiencies: Considerations for Crop Biofortification. *Frontiers in Plant Science*, **2018**, 9, 443	6.2	25
9	Folate Biofortification of Potato by Tuber-Specific Expression of Four Folate Biosynthesis Genes. *Molecular Plant*, **2018**, 11, 175-188	14.4	24
8	From Function to Vitamin-Rich Food Crops: The ACE of Biofortification. *Frontiers in Plant Science*, **2018**, 9, 1862	6.2	17
7	Metabolic engineering of rice endosperm towards higher vitamin B1 accumulation. *Plant Biotechnology Journal*, **2021**, 19, 1253-1267	11.6	9
6	The First Comprehensive LC-MS/MS Method Allowing Dissection of the Thiamine Pathway in Plants. *Analytical Chemistry*, **2020**, 92, 4073-4081	7.8	5
5	Regulation of Plant Vitamin Metabolism: Backbone of Biofortification for the Alleviation of Hidden Hunger. *Molecular Plant*, **2021**, 14, 40-60	14.4	5
4	Clinical determination of folates: recent analytical strategies and challenges. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 4383-4399	4.4	3
3	An optimized LC-MS/MS method as a pivotal tool to steer thiamine biofortification strategies in rice. *Talanta*, **2021**, 224, 121905	6.2	2
2	Metabolic engineering provides insight into the regulation of thiamin biosynthesis in plants. *Plant Physiology*, **2021**, 186, 1832-1847	6.6	1
1	Consumer Acceptance and Willingness-to-Pay for Genetically Modified Foods with Enhanced Vitamin Levels **2016**, 195-206		1