

# Mathias Brands

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/740708/publications.pdf>

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8  
papers

977  
citations

1307594  
7  
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1588992  
8  
g-index

11  
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docs citations

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times ranked

1100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Analysis by Gas Chromatography and Gas Chromatography-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2021, 2295, 43-57.	0.9	4
2	Palmitvaccenic Acid ( <sup>11</sup> -cis-hexadecenoic acid) Is Synthesized by an OLE1-like Desaturase in the Arbuscular Mycorrhiza Fungus <i>Rhizophagus irregularis</i> . <i>Biochemistry</i> , 2020, 59, 1163-1172.	2.5	15
3	The <i>Lotus japonicus</i> acyl carrier protein thioesterase FatM is required for mycorrhiza formation and lipid accumulation of <i>Rhizophagus irregularis</i> . <i>Plant Journal</i> , 2018, 95, 219-232.	5.7	39
4	AP2 transcription factor CBX1 with a specific function in symbiotic exchange of nutrients in mycorrhizal <i>Lotus japonicus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9239-E9246.	7.1	63
5	Arbuscular mycorrhiza-specific enzymes FatM and RAM2 fine-tune lipid biosynthesis to promote development of arbuscular mycorrhiza. <i>New Phytologist</i> , 2017, 214, 1631-1645.	7.3	260
6	Lipid transfer from plants to arbuscular mycorrhiza fungi. <i>ELife</i> , 2017, 6, .	6.0	329
7	Lipids in plant-microbe interactions. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1379-1395.	2.4	99
8	Fatty acid synthesis and lipid metabolism in the obligate biotrophic fungus <i>Rhizophagus irregularis</i> during mycorrhization of <i>Lotus japonicus</i> . <i>Plant Journal</i> , 2014, 79, 398-412.	5.7	159