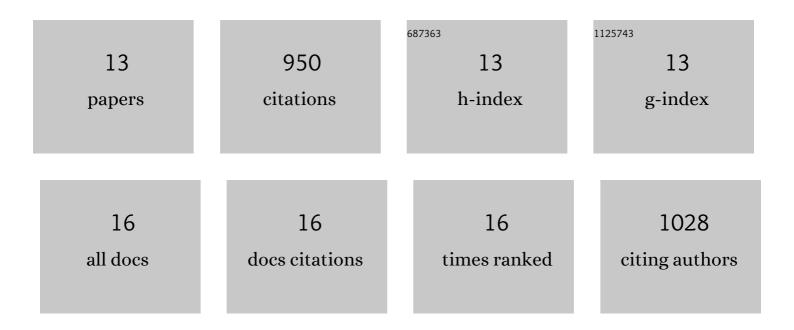
## Julian Wichmann

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Engineering Biocatalytic Solar Fuel Production: The PHOTOFUEL Consortium. Trends in Biotechnology, 2021, 39, 323-327.   | 9.3  | 17        |
| 2  | Green algal hydrocarbon metabolism is an exceptional source of sustainable chemicals. Current<br>Opinion in Biotechnology, 2020, 61, 28-37.   | 6.6  | 25        |
| 3  | High density cultivation for efficient sesquiterpenoid biosynthesis in Synechocystis sp. PCC 6803.<br>Scientific Reports, 2020, 10, 5932.   | 3.3  | 42        |
| 4  | Tailored carbon partitioning for phototrophic production of (E)-α-bisabolene from the green<br>microalga Chlamydomonas reinhardtii. Metabolic Engineering, 2018, 45, 211-222.                   | 7.0  | 125       |
| 5  | Intron-containing algal transgenes mediate efficient recombinant gene expression in the green<br>microalga Chlamydomonas reinhardtii. Nucleic Acids Research, 2018, 46, 6909-6919.              | 14.5 | 136       |
| 6  | Patchoulol Production with Metabolically Engineered Corynebacterium glutamicum. Genes, 2018, 9, 219.  | 2.4  | 57        |
| 7  | Phototrophic production of heterologous diterpenoids and a hydroxy-functionalized derivative from Chlamydomonas reinhardtii. Metabolic Engineering, 2018, 49, 116-127.                          | 7.0  | 91        |
| 8  | Synthetic metabolic pathways for photobiological conversion of CO2 into hydrocarbon fuel.<br>Metabolic Engineering, 2018, 49, 201-211.  | 7.0  | 90        |
| 9  | Efficient phototrophic production of a high-value sesquiterpenoid from the eukaryotic microalga<br>Chlamydomonas reinhardtii. Metabolic Engineering, 2016, 38, 331-343.                         | 7.0  | 120       |
| 10 | Label-free in vivo analysis of intracellular lipid droplets in the oleaginous microalga Monoraphidium neglectum by coherent Raman scattering microscopy. Scientific Reports, 2016, 6, 35340.    | 3.3  | 35        |
| 11 | Investigating the dynamics of recombinant protein secretion from a microalgal host. Journal of Biotechnology, 2015, 215, 62-71.   | 3.8  | 38        |
| 12 | Reconstruction of the lipid metabolism for the microalga Monoraphidium neglectum from its genome sequence reveals characteristics suitable for biofuel production. BMC Genomics, 2013, 14, 926. | 2.8  | 84        |
| 13 | Identification of Monoraphidium contortum as a promising species for liquid biofuel production.<br>Bioresource Technology, 2013, 133, 622-626.  | 9.6  | 81        |