

# Robin Hoeven

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3748271/publications.pdf>

Version: 2024-02-01

9  
papers

295  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for enzymatic photocatalysis in chlorophyll biosynthesis. <i>Nature</i> , 2019, 574, 722-725.	27.8	88
2	Low carbon strategies for sustainable bio-alkane gas production and renewable energy. <i>Energy and Environmental Science</i> , 2020, 13, 1818-1831.	30.8	77
3	Radical-based photoinactivation of fatty acid photodecarboxylases. <i>Analytical Biochemistry</i> , 2020, 600, 113749.	2.4	48
4	Pinpointing a Mechanistic Switch Between Ketoreduction and $\alpha$ -Reduction in Short-Chain Dehydrogenases/Reductases. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9596-9600.	13.8	21
5	Renewable and tuneable bio-LPG blends derived from amino acids. <i>Biotechnology for Biofuels</i> , 2020, 13, 125.	6.2	19
6	Cross-Species Analysis of Protein Dynamics Associated with Hydride and Proton Transfer in the Catalytic Cycle of the Light-Driven Enzyme Protochlorophyllide Oxidoreductase. <i>Biochemistry</i> , 2016, 55, 903-913.	2.5	14
7	Pinpointing a Mechanistic Switch Between Ketoreduction and $\alpha$ -Reduction in Short-Chain Dehydrogenases/Reductases. <i>Angewandte Chemie</i> , 2016, 128, 9748-9752.	2.0	9
8	Promoter engineering for microbial bio-alkane gas production. <i>Synthetic Biology</i> , 2020, 5, ysaa022.	2.2	6
9	Photodynamic therapy on prostate cancer cells involve mitochondria membrane proteins. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101933.	2.6	4