

# Stephan Kiontke

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

398  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structures of an archaeal class II DNA photolyase and its complex with UV-damaged duplex DNA. <i>EMBO Journal</i> , 2011, 30, 4437-4449.	7.8	82
2	Architecture and mechanism of the late endosomal Rab7-like Ypt7 guanine nucleotide exchange factor complex Mon1-Ccz1. <i>Nature Communications</i> , 2017, 8, 14034.	12.8	59
3	Structural and Evolutionary Aspects of Antenna Chromophore Usage by Class II Photolyases. <i>Journal of Biological Chemistry</i> , 2014, 289, 19659-19669.	3.4	39
4	Sub-nanosecond tryptophan radical deprotonation mediated by a protein-bound water cluster in class II DNA photolyases. <i>Chemical Science</i> , 2018, 9, 1200-1212.	7.4	30
5	DASH-type cryptochromes solved and open questions. <i>Biological Chemistry</i> , 2020, 401, 1487-1493.	2.5	29
6	TSC1 binding to lysosomal PIPs is required for TSC complex translocation and mTORC1 regulation. <i>Molecular Cell</i> , 2021, 81, 2705-2721.e8.	9.7	25
7	Serial crystallography captures dynamic control of sequential electron and proton transfer events in a flavoenzyme. <i>Nature Chemistry</i> , 2022, 14, 677-685.	13.6	24
8	Structure of the Tuberous Sclerosis Complex 2 (TSC2) N Terminus Provides Insight into Complex Assembly and Tuberous Sclerosis Pathogenesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 20008-20020.	3.4	22
9	Structure of the TSC2 GAP Domain: Mechanistic Insight into Catalysis and Pathogenic Mutations. <i>Structure</i> , 2020, 28, 933-942.e4.	3.3	20
10	The DASH-type Cryptochrome from the Fungus <i>Mucor circinelloides</i> Is a Canonical CPD-Photolyase. <i>Current Biology</i> , 2020, 30, 4483-4490.e4.	3.9	19
11	Peptide Inhibitors of the $\hat{\pm}$ -Cobratoxin-Nicotinic Acetylcholine Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13709-13718.	6.4	15
12	Structure of the Mon1-Ccz1 complex reveals molecular basis of membrane binding for Rab7 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	12
13	Delocalized hole transport coupled to sub-ns tryptophanyl deprotonation promotes photoreduction of class II photolyases. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25446-25457.	2.8	9
14	Nicotinamide Adenine Dinucleotides Arrest Photoreduction of Class II DNA Photolyases in FADH $\hat{E}$ <sup>TM</sup> State. <i>Photochemistry and Photobiology</i> , 2018, 94, 81-87.	2.5	7
15	Coregulation of gene expression by White collar 1 and phytochrome in <i>Ustilago maydis</i> . <i>Fungal Genetics and Biology</i> , 2021, 152, 103570.	2.1	3
16	The Arabidopsis cryptochrome 2 I404F mutant is hypersensitive and shows flavin reduction even in the absence of light. <i>Planta</i> , 2020, 251, 33.	3.2	1