

Eva C M Nowack

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,837
citations

471061

17
h-index

713013

21
g-index

28
all docs

28
docs citations

28
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromatophore Genome Sequence of <i>Paulinella</i> Sheds Light on Acquisition of Photosynthesis by Eukaryotes. <i>Current Biology</i> , 2008, 18, 410-418.	1.8	325
2	A Plastid in the Making: Evidence for a Second Primary Endosymbiosis. <i>Protist</i> , 2005, 156, 425-432.	0.6	282
3	Endosymbiotic associations within protists. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 699-712.	1.8	207
4	Trafficking of protein into the recently established photosynthetic organelles of <i>Paulinella chromatophora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5340-5345.	3.3	154
5	Gene transfers from diverse bacteria compensate for reductive genome evolution in the chromatophore of <i>Paulinella chromatophora</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12214-12219.	3.3	127
6	Endosymbiotic Gene Transfer and Transcriptional Regulation of Transferred Genes in <i>Paulinella chromatophora</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 407-422.	3.5	110
7	Massive Protein Import into the Early-Evolutionary-Stage Photosynthetic Organelle of the Amoeba <i>Paulinella chromatophora</i> . <i>Current Biology</i> , 2017, 27, 2763-2773.e5.	1.8	91
8	The ancestor of the <i>Paulinella chromatophore</i> obtained a carboxysomal operon by horizontal gene transfer from a Nitrococcus-like Γ^3 -proteobacterium. <i>BMC Evolutionary Biology</i> , 2007, 7, 85.	3.2	90
9	Metabolic Integration of Bacterial Endosymbionts through Antimicrobial Peptides. <i>Trends in Microbiology</i> , 2017, 25, 703-712.	3.5	64
10	Critical role of <i>Chlamydomonas reinhardtii</i> ferredoxin-5 in maintaining membrane structure and dark metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14978-14983.	3.3	58
11	Putative sponge biomarkers in unicellular Rhizaria question an early rise of animals. <i>Nature Ecology and Evolution</i> , 2019, 3, 577-581.	3.4	57
12	The use of multiple-strain algal sensor chips for the detection and identification of volatile organic compounds. <i>Biosensors and Bioelectronics</i> , 2004, 19, 1253-1260.	5.3	56
13	Genomics-Informed Insights into Endosymbiotic Organelle Evolution in Photosynthetic Eukaryotes. <i>Annual Review of Plant Biology</i> , 2018, 69, 51-84.	8.6	53
14	The 96-Well Twin-Layer System: A Novel Approach in the Cultivation of Microalgae. <i>Protist</i> , 2005, 156, 239-251.	0.6	50
15	Impact of light intensity and quality on chromatophore and nuclear gene expression in <i>Paulinella chromatophora</i> , an amoeba with nascent photosynthetic organelles. <i>Plant Journal</i> , 2017, 90, 221-234.	2.8	29
16	Development of a toolbox to dissect host-endosymbiont interactions and protein trafficking in the trypanosomatid <i>Angomonas deanei</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 247.	3.2	26
17	Amoeba Genome Reveals Dominant Host Contribution to Plastid Endosymbiosis. <i>Molecular Biology and Evolution</i> , 2021, 38, 344-357.	3.5	23
18	The Puzzle of Metabolite Exchange and Identification of Putative Octotrico Peptide Repeat Expression Regulators in the Nascent Photosynthetic Organelles of <i>Paulinella chromatophora</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 607182.	1.5	13

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19	Reply to: Sources of C30 steroid biomarkers in Neoproterozoic Cambrian rocks and oils. <i>Nature Ecology and Evolution</i> , 2020, 4, 37-39.	3.4	10
20	A bipartite chromatophore transit peptide and N-terminal protein processing in the <i>Paulinella</i> chromatophore. <i>Plant Physiology</i> , 2022, 189, 152-164.	2.3	7
21	<i>Paulinella chromatophora</i> . <i>Current Biology</i> , 2021, 31, R1024-R1026.	1.8	3
22	12 Evolutionary pressures and the establishment of endosymbiotic associations. , 2015, , 223-246.		1
23	Evolution eines photosynthetischen Organells. <i>BioSpektrum</i> , 2012, 18, 337-337.	0.0	0
24	12 Evolutionary pressures and the establishment of endosymbiotic associations. , 0, , .		0