

Christoph Hagen

List of Publications by Year in descending order

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27
papers

1,746
citations

394286

19
h-index

552653

26
g-index

29
all docs

29
docs citations

29
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructural and chemical changes in the cell wall of Haematococcus pluvialis (Volvocales.) Tj ETQq1 1 0.784314rgBT /Overlock 10 Tf 50137 Td (0.9	204
2	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. Cell, 2015, 163, 1692-1701.	13.5	180
3	Ketocarotenoid Biosynthesis Outside of Plastids in the Unicellular Green Alga Haematococcus pluvialis. Journal of Biological Chemistry, 2001, 276, 6023-6029.	1.6	138
4	Super-Resolution Microscopy Using Standard Fluorescent Proteins in Intact Cells under Cryo-Conditions. Nano Letters, 2014, 14, 4171-4175.	4.5	121
5	High-precision correlative fluorescence and electron cryo microscopy using two independent alignment markers. Ultramicroscopy, 2014, 143, 41-51.	0.8	107
6	Phytoene Desaturase Is Localized Exclusively in the Chloroplast and Up-Regulated at the mRNA Level during Accumulation of Secondary Carotenoids in Haematococcus pluvialis (Volvocales.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50137 Td (2.3	110
7	Correlative VIS-fluorescence and soft X-ray cryo-microscopy/tomography of adherent cells. Journal of Structural Biology, 2012, 177, 193-201.	1.3	98
8	Towards correlative super-resolution fluorescence and electron cryo-microscopy. Biology of the Cell, 2016, 108, 245-258.	0.7	93
9	FUNCTIONAL ASPECTS OF SECONDARY CAROTENOIDS IN HAEMATOCOCCUS LACUSTRIS (VOLVOCALES). III. ACTION AS A "SUNSHADE"1. Journal of Phycology, 1994, 30, 241-248.	1.0	90
10	Crystal Structure of the Herpesvirus Nuclear Egress Complex Provides Insights into Inner Nuclear Membrane Remodeling. Cell Reports, 2015, 13, 2645-2652.	2.9	80
11	Fluorescence cryo-microscopy: current challenges and prospects. Current Opinion in Chemical Biology, 2014, 20, 86-91.	2.8	79
12	Cryo-SOFI enabling low-dose super-resolution correlative light and electron cryo-microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4804-4809.	3.3	68
13	Title is missing!. Journal of Applied Phycology, 2001, 13, 79-87.	1.5	59
14	Accumulation of secondary carotenoids in flagellates of Haematococcus pluvialis (Chlorophyta) is accompanied by an increase in per unit chlorophyll productivity of photosynthesis. European Journal of Phycology, 2000, 35, 75-82.	0.9	50
15	Secondary carotenoid accumulation in flagellates of the green alga Haematococcus lacustris. European Journal of Phycology, 1997, 32, 387-392.	0.9	45
16	The m74 Gene Product of Murine Cytomegalovirus (MCMV) Is a Functional Homolog of Human CMV gO and Determines the Entry Pathway of MCMV. Journal of Virology, 2010, 84, 4469-4480.	1.5	43
17	Multimodal nanoparticles as alignment and correlation markers in fluorescence/soft X-ray cryo-microscopy/tomography of nucleoplasmic reticulum and apoptosis in mammalian cells. Ultramicroscopy, 2014, 146, 46-54.	0.8	38
18	Title is missing!. , 2001, 13, 89-93.		35

#	ARTICLE	IF	CITATIONS
19	A cool hybrid approach to the herpesvirus "life" cycle. <i>Current Opinion in Virology</i> , 2014, 5, 42-49.	2.6	33
20	Electron Bio-Imaging Centre (eBIC): the UK national research facility for biological electron microscopy. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 488-495.	1.1	24
21	Plasticity and acclimation to light reflected in temporal and spatial changes of small-scale macroalgal distribution in a stream. <i>Journal of Experimental Botany</i> , 2005, 56, 2047-2058.	2.4	17
22	SHORT COMMUNICATION: Microcarriers for high-pressure freezing and cryosectioning of adherent cells. <i>Journal of Microscopy</i> , 2008, 230, 288-296.	0.8	13
23	Critical Step-by-Step Approaches Toward Correlative Fluorescence/Soft X-Ray Cryo-Microscopy of Adherent Mammalian Cells. <i>Methods in Cell Biology</i> , 2014, 124, 179-216.	0.5	13
24	'Low-waves' in chlorophyll fluorescence kinetics indicate deprivation of bicarbonate. <i>Photosynthesis Research</i> , 2002, 72, 255-262.	1.6	7
25	INFLUENCE OF CHANGES IN THE PHOTON PROTECTIVE ENERGY DISSIPATION ON RED LIGHT-INDUCED DETRAPPING OF THE THERMOLUMINESCENCE Z-BAND. <i>Photochemistry and Photobiology</i> , 1995, 62, 514-521.	1.3	6
26	Analysis of morphometrical features of macroconidia from <i>Fusarium</i> spp.. <i>Mycotoxin Research</i> , 1991, 7, 43-49.	1.3	1
27	Accumulation of secondary carotenoids in flagellates of <i>Haematococcus pluvialis</i> (Chlorophyta) is accompanied by an increase in per unit chlorophyll productivity of photosynthesis. <i>European Journal of Phycology</i> , 2000, 35, 75-82.	0.9	1