

Geoffrey Hyde

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

653
citations

516710

16
h-index

580821

25
g-index

31
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31
docs citations

31
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	ER-Tracker dye and BODIPY-brefeldin A differentiate the endoplasmic reticulum and Golgi bodies from the tubular-vacuole system in living hyphae of <i>Pisolithus tinctorius</i> . <i>Journal of Microscopy</i> , 2000, 197, 239-249.	1.8	78
2	Uptake and compartmentalisation of fluorescent probes by <i>Pisolithus tinctorius</i> hyphae: evidence for an anion transport mechanism at the tonoplast but not for fluid-phase endocytosis. <i>Protoplasma</i> , 1997, 199, 18-29.	2.1	54
3	Ca ²⁺ Gradients in Hyphae and Branches of <i>Saprolegnia ferax</i> . <i>Fungal Genetics and Biology</i> , 1997, 21, 238-251.	2.1	47
4	Microtubules, but not actin microfilaments, regulate vacuole motility and morphology in hyphae of <i>Pisolithus tinctorius</i> . <i>Cytoskeleton</i> , 1999, 42, 114-124.	4.4	41
5	Brefeldin A Affects Growth, Endoplasmic Reticulum, Golgi Bodies, Tubular Vacuole System, and Secretory Pathway in <i>Pisolithus tinctorius</i> . <i>Fungal Genetics and Biology</i> , 2000, 29, 95-106.	2.1	41
6	Cell surface antigens of <i>Phytophthora</i> spores: biological and taxonomic characterization. <i>Protoplasma</i> , 1994, 181, 213-232.	2.1	39
7	Chapter 1 Advances in High-Pressure and Plunge-Freeze Fixation. <i>Methods in Cell Biology</i> , 1995, 49, 3-19.	1.1	33
8	Microtubules regulate the generation of polarity in zoospores of <i>Phytophthora cinnamomi</i> . <i>European Journal of Cell Biology</i> , 1993, 62, 75-85.	3.6	33
9	Confocal microscopy of microtubule arrays in cryosectioned sporangia of <i>Phytophthora cinnamomi</i> . <i>Experimental Mycology</i> , 1992, 16, 207-218.	1.6	32
10	Ultrastructure of zoosporogenesis in <i>Phytophthora cinnamomi</i> . <i>Mycological Research</i> , 1991, 95, 577-591.	2.5	31
11	Microtubule arrays in regenerating <i>Mougeotia</i> protoplasts may be oriented by electric fields. <i>Protoplasma</i> , 1990, 158, 73-85.	2.1	27
12	Vacuole motility and tubule-forming activity in <i>Pisolithus tinctorius</i> hyphae are modified by environmental conditions. <i>Protoplasma</i> , 1997, 198, 85-92.	2.1	23
13	Brief temperature stress during reproductive stages alters meiotic recombination and somatic mutation rates in the progeny of <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2017, 17, 103.	3.6	23
14	The roles of Ca ²⁺ and plasma membrane ion channels in hyphal tip growth of <i>Neurospora crassa</i> . <i>Journal of Cell Science</i> , 1995, 108 (Pt 11), 3405-17.	2.0	22
15	Regulators of GTP-binding proteins cause morphological changes in the vacuole system of the filamentous fungus, <i>Pisolithus tinctorius</i> . <i>Cytoskeleton</i> , 2002, 51, 133-146.	4.4	18
16	Ca(2+)-dependent polarization of axis establishment in the tip-growing organism, <i>Saprolegnia ferax</i> , by gradients of the ionophore A23187. <i>European Journal of Cell Biology</i> , 1995, 67, 356-62.	3.6	16
17	The Neuropeptide Orexin-A Inhibits the GABA _A Receptor by PKC and Ca ²⁺ /CaMKII-Dependent Phosphorylation of Its β 1 Subunit. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 459-467.	2.3	15
18	Calcium Imaging: A Primer for Mycologists. <i>Fungal Genetics and Biology</i> , 1998, 24, 14-23.	2.1	12

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19	Sporangial structure in <i>Phytophthora</i> is disrupted after high pressure freezing. <i>Protoplasma</i> , 1991, 165, 203-208.	2.1	11
20	Motile Tubular Vacuole Systems. , 2001, , 243-265.		9
21	Retention of fluorescent probes during aldehyde-free anhydrous freeze-substitution. <i>Journal of Microscopy</i> , 2003, 210, 125-130.	1.8	8
22	Cell surface antigens of <i>Phytophthora</i> spores: biological and taxonomic characterization. , 1994, , 213-232.		7
23	A telomerase with novel non-canonical roles: TERT controls cellular aggregation and tissue size in <i>Dictyostelium</i> . <i>PLoS Genetics</i> , 2019, 15, e1008188.	3.5	6
24	Rapid whole cell imaging reveals a calcium-APPL1-dynein nexus that regulates cohort trafficking of stimulated EGF receptors. <i>Communications Biology</i> , 2021, 4, 224.	4.4	6
25	Freeze substitution reveals a new model for sporangial cleavage in <i>Phytophthora</i> , a result with implications for cytokinesis in other eukaryotes. <i>Journal of Cell Science</i> , 1991, 100 (Pt 4), 735-46.	2.0	6
26	Capacity for microtubule reorganization and cell wall synthesis in cytoplasts of the green alga <i>Mougeotia</i> . <i>Protoplasma</i> , 1994, 178, 11-17.	2.1	4
27	Mycorrhiza movies. <i>Mycorrhiza</i> , 1997, 7, 167-169.	2.8	4
28	Levels of Heterochiasmy During <i>Arabidopsis</i> Development as Reported by Fluorescent Tagged Lines. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2103-2110.	1.8	4
29	A PKC that controls polyphosphate levels, pinocytosis and exocytosis, regulates stationary phase onset in <i>Dictyostelium</i> . <i>Journal of Cell Science</i> , 2022, , .	2.0	3