

Mark D Fricker

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

8,417
citations

41258

49
h-index

53109

85
g-index

138
all docs

138
docs citations

138
times ranked

8049
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Network traits predict ecological strategies in fungi. ISME Communications, 2022, 2, . | 1.7 | 18 |
| 2 | Spatial and temporal control of mitochondrial H ₂ O ₂ release in intact human cells. EMBO Journal, 2022, 41, e109169. | 3.5 | 39 |
| 3 | A model for simulating emergent patterns of cities and roads on real-world landscapes. Scientific Reports, 2022, 12, . | 1.6 | 0 |
| 4 | Automated and accurate segmentation of leaf venation networks via deep learning. New Phytologist, 2021, 229, 631-648. | 3.5 | 17 |
| 5 | Chitosan inhibits septin-mediated plant infection by the rice blast fungus <i>Magnaporthe oryzae</i> in a protein kinase C and Nox1 NADPH oxidase-dependent manner. New Phytologist, 2021, 230, 1578-1593. | 3.5 | 21 |
| 6 | Stress-Activated Protein Kinase Signalling Regulates Mycoparasitic Hyphal-Hyphal Interactions in <i>Trichoderma atroviride</i> . Journal of Fungi (Basel, Switzerland), 2021, 7, 365. | 1.5 | 14 |
| 7 | Growth induced translocation effectively directs an amino acid analogue to developing zones in <i>Agaricus bisporus</i> . Fungal Biology, 2020, 124, 1013-1023. | 1.1 | 13 |
| 8 | Linking functional traits to multiscale statistics of leaf venation networks. New Phytologist, 2020, 228, 1796-1810. | 3.5 | 18 |
| 9 | A mechanistic explanation of the transition to simple multicellularity in fungi. Nature Communications, 2020, 11, 2594. | 5.8 | 15 |
| 10 | Quantitative analysis of plant ER architecture and dynamics. Nature Communications, 2019, 10, 984. | 5.8 | 56 |
| 11 | The fluorescent protein sensor roGFP2-Orp1 monitors <i>in vivo</i> H ₂ O ₂ and thiol redox integration and elucidates intracellular H ₂ O ₂ dynamics during elicitor-induced oxidative burst in Arabidopsis. New Phytologist, 2019, 221, 1649-1664. | 3.5 | 132 |
| 12 | Quantitation of ER Structure and Function. Methods in Molecular Biology, 2018, 1691, 43-66. | 0.4 | 2 |
| 13 | Effective delivery of volatile biocides employing mesoporous silicates for treating biofilms. Journal of the Royal Society Interface, 2017, 14, 20160650. | 1.5 | 26 |
| 14 | Experimental models for Murray's law. Journal Physics D: Applied Physics, 2017, 50, 024001. | 1.3 | 18 |
| 15 | The Mycelium as a Network. Microbiology Spectrum, 2017, 5, . | 1.2 | 57 |
| 16 | Automated analysis of <i>Physarum</i> network structure and dynamics. Journal Physics D: Applied Physics, 2017, 50, 254005. | 1.3 | 19 |
| 17 | Microcompartmentation of cytosolic aldolase by interaction with the actin cytoskeleton in Arabidopsis. Journal of Experimental Botany, 2017, 68, 885-898. | 2.4 | 16 |
| 18 | ATP sensing in living plant cells reveals tissue gradients and stress dynamics of energy physiology. ELife, 2017, 6, . | 2.8 | 125 |

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|----|--|------|-----------|
| 19 | Mesoscale analyses of fungal networks as an approach for quantifying phenotypic traits. <i>Journal of Complex Networks</i> , 2016, , cnv034. | 1.1 | 11 |
| 20 | Making microscopy count: quantitative light microscopy of dynamic processes in living plants. <i>Journal of Microscopy</i> , 2016, 263, 181-191. | 0.8 | 4 |
| 21 | <scp>MSL</scp>1 is a mechanosensitive ion channel that dissipates mitochondrial membrane potential and maintains redox homeostasis in mitochondria during abiotic stress. <i>Plant Journal</i> , 2016, 88, 809-825. | 2.8 | 82 |
| 22 | A C-terminal amphipathic helix is necessary for the in vivo tubule-shaping function of a plant reticulon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10902-10907. | 3.3 | 49 |
| 23 | Energetic Constraints on Fungal Growth. <i>American Naturalist</i> , 2016, 187, E27-E40. | 1.0 | 20 |
| 24 | The Specification of Geometric Edges by a Plant Rab GTPase Is an Essential Cell-Patterning Principle During Organogenesis in Arabidopsis. <i>Developmental Cell</i> , 2016, 36, 386-400. | 3.1 | 67 |
| 25 | Immobilized Subpopulations of Leaf Epidermal Mitochondria Mediate PENETRATION2-Dependent Pathogen Entry Control in Arabidopsis. <i>Plant Cell</i> , 2016, 28, 130-145. | 3.1 | 120 |
| 26 | Quantitative Redox Imaging Software. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 752-762. | 2.5 | 72 |
| 27 | The EF-Hand Ca ²⁺ Binding Protein MICU Choreographs Mitochondrial Ca ²⁺ Dynamics in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 3190-3212. | 3.1 | 103 |
| 28 | Analysis of Plant Mitochondrial Function Using Fluorescent Protein Sensors. <i>Methods in Molecular Biology</i> , 2015, 1305, 241-252. | 0.4 | 23 |
| 29 | CDC-42 and RAC-1 regulate opposite chemotropisms in <i>Neurospora crassa</i> . <i>Journal of Cell Science</i> , 2014, 127, 1953-1965. | 1.2 | 41 |
| 30 | An update: improvements in imaging perfluorocarbon-mounted plant leaves with implications for studies of plant pathology, physiology, development and cell biology. <i>Frontiers in Plant Science</i> , 2014, 5, 140. | 1.7 | 53 |
| 31 | Robust antioxidant defences in the rice blast fungus <i>Magnaporthe oryzae</i> confer tolerance to the host oxidative burst. <i>New Phytologist</i> , 2014, 201, 556-573. | 3.5 | 69 |
| 32 | The "mitoflash" probe cpYFP does not respond to superoxide. <i>Nature</i> , 2014, 514, E12-E14. | 13.7 | 109 |
| 33 | Foraging by a wood-decomposing fungus is ecologically adaptive. <i>Environmental Microbiology</i> , 2014, 16, 118-129. | 1.8 | 3 |
| 34 | Nitric oxide generated by the rice blast fungus <i>Magnaporthe oryzae</i> drives plant infection. <i>New Phytologist</i> , 2013, 197, 207-222. | 3.5 | 75 |
| 35 | Adaptive Path-Finding and Transport Network Formation by the Amoeba-Like Organism Physarum. <i>Proceedings in Information and Communications Technology</i> , 2013, , 14-29. | 0.2 | 8 |
| 36 | Taxonomies of networks from community structure. <i>Physical Review E</i> , 2012, 86, 036104-36104. | 0.8 | 79 |

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|----|---|-----|-----------|
| 37 | Advection, diffusion, and delivery over a network. <i>Physical Review E</i> , 2012, 86, 021905. | 0.8 | 41 |
| 38 | Physiological Significance of Network Organization in Fungi. <i>Eukaryotic Cell</i> , 2012, 11, 1345-1352. | 3.4 | 75 |
| 39 | A bioimage informatics approach to automatically extract complex fungal networks. <i>Bioinformatics</i> , 2012, 28, 2374-2381. | 1.8 | 42 |
| 40 | Analysis of fungal networks. <i>Fungal Biology Reviews</i> , 2012, 26, 12-29. | 1.9 | 103 |
| 41 | Coherence enhancing diffusion filtering based on the Phase Congruency Tensor. , 2012, , . | | 5 |
| 42 | Pulsing of Membrane Potential in Individual Mitochondria: A Stress-Induced Mechanism to Regulate Respiratory Bioenergetics in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 1188-1201. | 3.1 | 107 |
| 43 | Studies of <i>Physcomitrella patens</i> reveal that ethylene-mediated submergence responses arose relatively early in land plant evolution. <i>Plant Journal</i> , 2012, 72, 947-959. | 2.8 | 49 |
| 44 | Mitochondrial "flashes": a radical concept reHined. <i>Trends in Cell Biology</i> , 2012, 22, 503-508. | 3.6 | 74 |
| 45 | Local phase approaches to extract biomedical networks. , 2012, , . | | 0 |
| 46 | Contrast independent detection of branching points in network-like structures. <i>Proceedings of SPIE</i> , 2012, , . | 0.8 | 7 |
| 47 | Contrast-Independent Curvilinear Structure Detection in Biomedical Images. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 2572-2581. | 6.0 | 44 |
| 48 | A perturbation in glutathione biosynthesis disrupts endoplasmic reticulum morphology and secretory membrane traffic in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2012, 71, 881-894. | 2.8 | 16 |
| 49 | The circularly permuted yellow fluorescent protein cpYFP that has been used as a superoxide probe is highly responsive to pH but not superoxide in mitochondria: implications for the existence of superoxide "flashes". <i>Biochemical Journal</i> , 2011, 437, 381-387. | 1.7 | 110 |
| 50 | NETWORK AUTOMATA: COUPLING STRUCTURE AND FUNCTION IN DYNAMIC NETWORKS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011, 14, 317-339. | 0.9 | 16 |
| 51 | Growth-induced mass flows in fungal networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3265-3274. | 1.2 | 49 |
| 52 | Fungal network responses to grazing. <i>Fungal Genetics and Biology</i> , 2010, 47, 522-530. | 0.9 | 35 |
| 53 | Rules for Biologically Inspired Adaptive Network Design. <i>Science</i> , 2010, 327, 439-442. | 6.0 | 685 |
| 54 | Forisome dispersion in <i>Vicia faba</i> is triggered by Ca ²⁺ hotspots created by concerted action of diverse Ca ²⁺ channels in sieve element. <i>Plant Signaling and Behavior</i> , 2009, 4, 968-972. | 1.2 | 36 |

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|----|--|-----|-----------|
| 55 | The Metabolic Response of Arabidopsis Roots to Oxidative Stress is Distinct from that of Heterotrophic Cells in Culture and Highlights a Complex Relationship between the Levels of Transcripts, Metabolites, and Flux. <i>Molecular Plant</i> , 2009, 2, 390-406. | 3.9 | 155 |
| 56 | Monitoring the in vivo redox state of plant mitochondria: Effect of respiratory inhibitors, abiotic stress and assessment of recovery from oxidative challenge. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 468-475. | 0.5 | 137 |
| 57 | Saprotrophic cord systems: dispersal mechanisms in space and time. <i>Mycoscience</i> , 2009, 50, 9-19. | 0.3 | 80 |
| 58 | The NADPH-dependent thioredoxin system constitutes a functional backup for cytosolic glutathione reductase in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9109-9114. | 3.3 | 259 |
| 59 | Sieve Element Ca ²⁺ Channels as Relay Stations between Remote Stimuli and Sieve Tube Occlusion in <i>Vicia faba</i> . <i>Plant Cell</i> , 2009, 21, 2118-2132. | 3.1 | 111 |
| 60 | Adaptive Biological Networks. <i>Understanding Complex Systems</i> , 2009, , 51-70. | 0.3 | 21 |
| 61 | Evidence for nickel/proton antiport activity at the tonoplast of the hyperaccumulator plant <i>Alyssum lesbiacum</i> . <i>Plant Biology</i> , 2008, 10, 746-753. | 1.8 | 20 |
| 62 | Confocal imaging of glutathione redox potential in living plant cells. <i>Journal of Microscopy</i> , 2008, 231, 299-316. | 0.8 | 279 |
| 63 | Imaging complex nutrient dynamics in mycelial networks. <i>Journal of Microscopy</i> , 2008, 231, 317-331. | 0.8 | 57 |
| 64 | Grazing alters network architecture during interspecific mycelial interactions. <i>Fungal Ecology</i> , 2008, 1, 124-132. | 0.7 | 21 |
| 65 | Quantitative and Qualitative Analysis of Plant Membrane Traffic Using Fluorescent Proteins. <i>Methods in Cell Biology</i> , 2008, 85, 353-380. | 0.5 | 5 |
| 66 | Quantifying dynamic resource allocation illuminates foraging strategy in <i>Phanerochaete velutina</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 1111-1121. | 0.9 | 24 |
| 67 | Chapter 1 Mycelial networks: Structure and dynamics. <i>British Mycological Society Symposia Series</i> , 2008, 28, 3-18. | 0.5 | 25 |
| 68 | Decrease in Manganese Superoxide Dismutase Leads to Reduced Root Growth and Affects Tricarboxylic Acid Cycle Flux and Mitochondrial Redox Homeostasis. <i>Plant Physiology</i> , 2008, 147, 101-114. | 2.3 | 162 |
| 69 | Imaging of Long-Distance γ -Aminoisobutyric Acid Translocation Dynamics during Resource Capture by <i>Serpula lacrymans</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 2700-2708. | 1.4 | 16 |
| 70 | Imaging Thiol-Based Redox Processes in Live Cells. <i>Advances in Photosynthesis and Respiration</i> , 2008, , 483-501. | 1.0 | 3 |
| 71 | The Interplay between Structure and Function in Fungal Networks. <i>Topologica</i> , 2008, 1, 004. | 0.3 | 13 |
| 72 | Biological solutions to transport network design. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2307-2315. | 1.2 | 123 |

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|----|---|------|-----------|
| 73 | Fourier-based spatial mapping of oscillatory phenomena in fungi. <i>Fungal Genetics and Biology</i> , 2007, 44, 1077-1084. | 0.9 | 31 |
| 74 | Emergence of self-organised oscillatory domains in fungal mycelia. <i>Fungal Genetics and Biology</i> , 2007, 44, 1085-1095. | 0.9 | 40 |
| 75 | Imaging complex nutrient dynamics in mycelial networks. , 2007, , 3-21. | | 9 |
| 76 | QUANTITATIVE FLUORESCENCE MICROSCOPY: From Art to Science. <i>Annual Review of Plant Biology</i> , 2006, 57, 79-107. | 8.6 | 90 |
| 77 | The role of wood decay fungi in the carbon and nitrogen dynamics of the forest floor. , 2006, , 151-181. | | 54 |
| 78 | Ratiometric Fluorescence-Imaging Assays of Plant Membrane Traffic Using Polyproteins. <i>Traffic</i> , 2006, 7, 1701-1723. | 1.3 | 64 |
| 79 | Interplay between function and structure in complex networks. <i>Physical Review E</i> , 2006, 74, 026116. | 0.8 | 32 |
| 80 | Nitrite Reduces Cytoplasmic Acidosis under Anoxia. <i>Plant Physiology</i> , 2006, 142, 1710-1717. | 2.3 | 60 |
| 81 | The Vacuole System Is a Significant Intracellular Pathway for Longitudinal Solute Transport in Basidiomycete Fungi. <i>Eukaryotic Cell</i> , 2006, 5, 1111-1125. | 3.4 | 87 |
| 82 | New approaches to investigating the function of mycelial networks. <i>The Mycologist</i> , 2005, 19, 11-17. | 0.5 | 25 |
| 83 | Simulating colonial growth of fungi with the Neighbour-Sensing model of hyphal growth. <i>Mycological Research</i> , 2004, 108, 1241-1256. | 2.5 | 47 |
| 84 | Cell-specific measurement of cytosolic glutathione in poplar leaves*. <i>Plant, Cell and Environment</i> , 2003, 26, 965-975. | 2.8 | 68 |
| 85 | Noncircadian oscillations in amino acid transport have complementary profiles in assimilatory and foraging hyphae of <i>Phanerochaete velutina</i> . <i>New Phytologist</i> , 2003, 158, 325-335. | 3.5 | 40 |
| 86 | Control of Demand-Driven Biosynthesis of Glutathione in Green Arabidopsis Suspension Culture Cells. <i>Plant Physiology</i> , 2002, 130, 1927-1937. | 2.3 | 93 |
| 87 | The diagnostic challenge of peritoneal mesothelioma. <i>Archives of Gynecology and Obstetrics</i> , 2002, 266, 130-132. | 0.8 | 13 |
| 88 | Continuous imaging of amino-acid translocation in intact mycelia of <i>Phanerochaete velutina</i> reveals rapid, pulsatile fluxes. <i>New Phytologist</i> , 2002, 153, 173-184. | 3.5 | 49 |
| 89 | A greener world: The revolution in plant bioimaging. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 520-530. | 16.1 | 114 |
| 90 | Polyurethane-Covered Dacron Mesh Versus Polytetrafluoroethylene DualMesh for Intraperitoneal Hernia Repair in Rats. <i>Surgery Today</i> , 2002, 32, 884-886. | 0.7 | 23 |

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|-----|---|-----|-----------|
| 91 | Confocal imaging of metabolism in vivo: pitfalls and possibilities. <i>Journal of Experimental Botany</i> , 2001, 52, 631-640. | 2.4 | 42 |
| 92 | Quantitative in vivo measurement of glutathione in <i>Arabidopsis</i> cells. <i>Plant Journal</i> , 2001, 27, 67-78. | 2.8 | 114 |
| 93 | Confocal imaging of metabolism in vivo: pitfalls and possibilities. <i>Journal of Experimental Botany</i> , 2001, 52, 631-640. | 2.4 | 29 |
| 94 | Measurement of glutathione levels in intact roots of <i>Arabidopsis</i> . <i>Journal of Microscopy</i> , 2000, 198, 162-173. | 0.8 | 67 |
| 95 | Direct measurement of glutathione in epidermal cells of intact <i>Arabidopsis</i> roots by two-photon laser scanning microscopy. <i>Journal of Microscopy</i> , 2000, 198, 174-181. | 0.8 | 58 |
| 96 | Glutathione biosynthesis in <i>Arabidopsis</i> trichome cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11108-11113. | 3.3 | 162 |
| 97 | Light perception and the role of the xanthophyll cycle in blue-light-dependent chloroplast movements in <i>Lemna trisulca</i> L.. <i>Plant Journal</i> , 1999, 20, 447-459. | 2.8 | 42 |
| 98 | The role of calcium in blue-light-dependent chloroplast movement in <i>Lemna trisulca</i> L.. <i>Plant Journal</i> , 1999, 20, 461-473. | 2.8 | 60 |
| 99 | Imaging techniques in plant transport: meeting review. <i>Journal of Experimental Botany</i> , 1999, 50, 1089-1100. | 2.4 | 13 |
| 100 | The fission yeast chromo domain encoding gene <i>chp1(+)</i> is required for chromosome segregation and shows a genetic interaction with α -tubulin. <i>Nucleic Acids Research</i> , 1998, 26, 4222-4229. | 6.5 | 36 |
| 101 | Quantitative Confocal Fluorescence Measurements in Living Tissue. , 1998, , 409-441. | | 4 |
| 102 | Quantitative imaging of intact cells and tissues by multi-dimensional confocal fluorescence microscopy. , 1998, , 417-448. | | 1 |
| 103 | Cell proliferation and hair tip growth in the <i>Arabidopsis</i> root are under mechanistically different forms of redox control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2745-2750. | 3.3 | 262 |
| 104 | Interphase Nuclei of Many Mammalian Cell Types Contain Deep, Dynamic, Tubular Membrane-bound Invaginations of the Nuclear Envelope. <i>Journal of Cell Biology</i> , 1997, 136, 531-544. | 2.3 | 342 |
| 105 | Four-dimensional imaging of living chondrocytes in cartilage using confocal microscopy: a pragmatic approach. <i>American Journal of Physiology - Cell Physiology</i> , 1997, 272, C1040-C1051. | 2.1 | 63 |
| 106 | Quantitative imaging of intact cells and tissues by multi-dimensional confocal fluorescence microscopy. <i>Experimental Biology Online</i> , 1997, 2, 1-23. | 1.0 | 7 |
| 107 | Stomata. , 1996, , . | | 270 |
| 108 | Aberration control in quantitative imaging of botanical specimens by multidimensional fluorescence microscopy. <i>Journal of Microscopy</i> , 1996, 181, 99-116. | 0.8 | 116 |

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|-----|---|-----|-----------|
| 109 | Multidimensional Fluorescence Microscopy: Optical Distortions in Quantitative Imaging of Biological Specimens. , 1996, , 47-56. | | 4 |
| 110 | Purification, sequencing and functions of calreticulin from maize. Journal of Experimental Botany, 1995, 46, 1603-1613. | 2.4 | 78 |
| 111 | Genomic Sequence of a Calnexin Homolog from Arabidopsis thaliana. Plant Physiology, 1994, 106, 1691-1691. | 2.3 | 29 |
| 112 | Two Transduction Pathways Mediate Rapid Effects of Abscisic Acid in Commelina Guard Cells.. Plant Cell, 1994, 6, 1319-1328. | 3.1 | 230 |
| 113 | De novo formation of several features of a centromere following introduction of a Y alphoid YAC into mammalian cells. Human Molecular Genetics, 1994, 3, 689-695. | 1.4 | 108 |
| 114 | Fluorescein situ hybridisation of multiple probes on a single microscope slide. Nucleic Acids Research, 1994, 22, 3689-3692. | 6.5 | 9 |
| 115 | Two Transduction Pathways Mediate Rapid Effects of Abscisic Acid in Commelina Guard Cells. Plant Cell, 1994, 6, 1319. | 3.1 | 60 |
| 116 | Peptides derived from the auxin binding protein elevate Ca ²⁺ and pH in stomatal guard cells of Vicia faba: a confocal fluorescence ratio imaging study. Symposia of the Society for Experimental Biology, 1994, 48, 215-28. | 0.0 | 2 |
| 117 | Modulation of K ⁺ channels in Vicia stomatal guard cells by peptide homologs to the auxin-binding protein C terminus.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 11493-11497. | 3.3 | 174 |
| 118 | Confocal Fluorescence Ratio Imaging of pH in Plant Cells. , 1993, , 153-163. | | 2 |
| 119 | Brefeldin A affects the endomembrane system and vesicle trafficking in higher plants. Proceedings Annual Meeting Electron Microscopy Society of America, 1993, 51, 192-193. | 0.0 | 0 |
| 120 | Wavelength considerations in confocal microscopy of botanical specimens. Journal of Microscopy, 1992, 166, 29-42. | 0.8 | 49 |
| 121 | The role of Ca ²⁺ and ABA in the regulation of stomatal aperture. Current Plant Science and Biotechnology in Agriculture, 1992, , 105-115. | 0.0 | 2 |
| 122 | Cytosolic Ca ²⁺ Concentrations and Distributions in Rhizoids of <i>Chara fragilis</i> Desv. Determined by Ratio Analysis of the Fluorescent Probe Indo-1. Botanica Acta, 1991, 104, 222-228. | 1.6 | 11 |
| 123 | Stomatal Responses Measured Using a Viscous Flow (Liquid) Porometer. Journal of Experimental Botany, 1991, 42, 747-755. | 2.4 | 4 |
| 124 | Role of Calcium in Signal Transduction of Commelina Guard Cells.. Plant Cell, 1991, 3, 333-344. | 3.1 | 280 |
| 125 | Role of Calcium in Signal Transduction of Commelina Guard Cells. Plant Cell, 1991, 3, 333. | 3.1 | 76 |
| 126 | Visualisation and measurement of the calcium message in guard cells. Symposia of the Society for Experimental Biology, 1991, 45, 177-90. | 0.0 | 5 |

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|-----|--|-----|-----------|
| 127 | Some properties of Proton Pumping ATPases at the Plasma Membrane and Tonoplast of Guard Cells. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1990, 186, 301-308. | 0.5 | 12 |
| 128 | Nitrate-Sensitive ATPase Activity and Proton Pumping in Guard Cell Protoplasts of <i>Commelina</i> . <i>Journal of Experimental Botany</i> , 1990, 41, 193-198. | 2.4 | 10 |
| 129 | Vanadate Sensitive ATPase and Phosphatase Activity in Guard Cell Protoplasts of <i>Commelina</i> . <i>Journal of Experimental Botany</i> , 1987, 38, 642-648. | 2.4 | 27 |
| 130 | The Mycelium as a Network. , 0, , 335-367. | | 15 |