Hazel Marie Davey

List of Publications by Year
in descending order

20 papers	6,488 citations	567281 15 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	16401 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	High-throughput classification of yeast mutants for functional genomics using metabolic footprinting. Nature Biotechnology, 2003, 21, 692-696.	17.5	500
3	Metabolic footprinting and systems biology: the medium is the message. Nature Reviews Microbiology, 2005, 3, 557-565.	28.6	373
4	Life, Death, and In-Between: Meanings and Methods in Microbiology. Applied and Environmental Microbiology, 2011, 77, 5571-5576.	3.1	216
5	Red but not dead? Membranes of stressed Saccharomyces cerevisiae are permeable to propidium iodide. Environmental Microbiology, 2011, 13, 163-171.	3.8	175
6	Identification and characterization of high-flux-control genes of yeast through competition analyses in continuous cultures. Nature Genetics, 2008, 40, 113-117.	21.4	93
7	Oscillatory, stochastic and chaotic growth rate fluctuations in permittistatically controlled yeast cultures. BioSystems, 1996, 39, 43-61.	2.0	73
8	Discrimination of Modes of Action of Antifungal Substances by Use of Metabolic Footprinting. Applied and Environmental Microbiology, 2004, 70, 6157-6165.	3.1	73
9	Introduction to the dielectric estimation of cellular biomass in real time, with special emphasis on measurements at high volume fractions. Analytica Chimica Acta, 1993, 279, 155-161.	5.4	61
10	On the dielectric properties of cell suspensions at high volume fractions. Bioelectrochemistry, 1992, 28, 319-340.	1.0	56
11	Surviving the heat: heterogeneity of response in <scp>S</scp>accharomyces cerevisiae provides insight into thermal damage to the membrane. Environmental Microbiology, 2015, 17, 2982-2992.	3.8	45
12	Estimation of Microbial Viability Using Flow Cytometry. Current Protocols in Cytometry, 2020, 93, e72.	3.7	26
13	Recent advances in the analysis of individual microbial cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 83-85.	1.5	23
14	Genomeâ€wide analysis of longevity in nutrientâ€deprived Saccharomyces cerevisiae reveals importance of recycling in maintaining cell viability. Environmental Microbiology, 2012, 14, 1249-1260.	3.8	21
15	A directed evolution strategy for optimized export of recombinant proteins reveals critical determinants for preprotein discharge. Protein Science, 2004, 13, 2458-2469.	7.6	18
16	Application of flow cytometry for the determination of minimal inhibitory concentration of several antibacterial agents on Mycoplasma hyopneumoniae. Journal of Applied Microbiology, 2006, 102, 061120055200048-???.	3.1	13
17	Flow Cytometric Determination of the Effects of Antibacterial Agents on Mycoplasma agalactiae , Mycoplasma putrefaciens , Mycoplasma capricolum subsp. capricolum , and Mycoplasma mycoides subsp. mycoides Large Colony Type. Antimicrobial Agents and Chemotherapy, 2006, 50, 2845-2849.	3.2	12
18	Detection of mycoplasmas in goat milk by flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 1034-1038.	1.5	9

#	Article	IF	Citations
19	Fungi at Aberystwyth National Science Week. The Mycologist, 2004, 18, 111.	0.4	0
20	Tracking the fate of individual cells following exposure to heat stress. Environmental Microbiology, 2017, 19, 411-412.	3.8	0