

Hazel Marie Davey

List of Publications by Year in descending order

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Version: 2024-02-01

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	Estimation of Microbial Viability Using Flow Cytometry. <i>Current Protocols in Cytometry</i> , 2020, 93, e72.	3.7	26
2	Tracking the fate of individual cells following exposure to heat stress. <i>Environmental Microbiology</i> , 2017, 19, 411-412.	3.8	0
3	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
4	Surviving the heat: heterogeneity of response in <i>Saccharomyces cerevisiae</i> provides insight into thermal damage to the membrane. <i>Environmental Microbiology</i> , 2015, 17, 2982-2992.	3.8	45
5	Genome-wide analysis of longevity in nutrient-deprived <i>Saccharomyces cerevisiae</i> reveals importance of recycling in maintaining cell viability. <i>Environmental Microbiology</i> , 2012, 14, 1249-1260.	3.8	21
6	Life, Death, and In-Between: Meanings and Methods in Microbiology. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5571-5576.	3.1	216
7	Red but not dead? Membranes of stressed <i>Saccharomyces cerevisiae</i> are permeable to propidium iodide. <i>Environmental Microbiology</i> , 2011, 13, 163-171.	3.8	175
8	Recent advances in the analysis of individual microbial cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 83-85.	1.5	23
9	Identification and characterization of high-flux-control genes of yeast through competition analyses in continuous cultures. <i>Nature Genetics</i> , 2008, 40, 113-117.	21.4	93
10	Detection of mycoplasmas in goat milk by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 1034-1038.	1.5	9
11	Application of flow cytometry for the determination of minimal inhibitory concentration of several antibacterial agents on <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Applied Microbiology</i> , 2006, 102, 061120055200048-???	3.1	13
12	Flow Cytometric Determination of the Effects of Antibacterial Agents on <i>Mycoplasma agalactiae</i> , <i>Mycoplasma putrefaciens</i> , <i>Mycoplasma capricolum</i> subsp. <i>capricolum</i> , and <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> Large Colony Type. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2845-2849.	3.2	12
13	Metabolic footprinting and systems biology: the medium is the message. <i>Nature Reviews Microbiology</i> , 2005, 3, 557-565.	28.6	373
14	Fungi at Aberystwyth National Science Week. <i>The Mycologist</i> , 2004, 18, 111.	0.4	0
15	Discrimination of Modes of Action of Antifungal Substances by Use of Metabolic Footprinting. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6157-6165.	3.1	73
16	A directed evolution strategy for optimized export of recombinant proteins reveals critical determinants for preprotein discharge. <i>Protein Science</i> , 2004, 13, 2458-2469.	7.6	18
17	High-throughput classification of yeast mutants for functional genomics using metabolic footprinting. <i>Nature Biotechnology</i> , 2003, 21, 692-696.	17.5	500
18	Oscillatory, stochastic and chaotic growth rate fluctuations in permissively controlled yeast cultures. <i>BioSystems</i> , 1996, 39, 43-61.	2.0	73

#	ARTICLE	IF	CITATIONS
19	Introduction to the dielectric estimation of cellular biomass in real time, with special emphasis on measurements at high volume fractions. <i>Analytica Chimica Acta</i> , 1993, 279, 155-161.	5.4	61
20	On the dielectric properties of cell suspensions at high volume fractions. <i>Bioelectrochemistry</i> , 1992, 28, 319-340.	1.0	56