Jessica L Chitty

List of Publications by Year
in descending order

18	1,114	687363 13	888059 17
papers	citations	h-index	g-index

19	19	19	1775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MCC950 directly targets the NLRP3 ATP-hydrolysis motif for inflammasome inhibition. Nature Chemical Biology, 2019, 15, 556-559.	8.0	561
2	A Genomic Safe Haven for Mutant Complementation in Cryptococcus neoformans. PLoS ONE, 2015, 10, e0122916.	2.5	83
3	Recent advances in understanding the complexities of metastasis. F1000Research, 2018, 7, 1169.	1.6	75
4	Charting the unexplored extracellular matrix in cancer. International Journal of Experimental Pathology, 2018, 99, 58-76.	1.3	71
5	Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition. Cancer Research, 2021, 81, 3461-3479.	0.9	62
6	Targeting Lysyl Oxidase Family Meditated Matrix Cross-Linking as an Anti-Stromal Therapy in Solid Tumours. Cancers, 2021, 13, 491.	3.7	48
7	Recent advances in understanding the complexities of metastasis. F1000Research, 2018, 7, 1169.	1.6	45
8	Sirtuins in the phylum Basidiomycota: A role in virulence in Cryptococcus neoformans. Scientific Reports, 2017, 7, 46567.	3.3	27
9	Purine Acquisition and Synthesis by Human Fungal Pathogens. Microorganisms, 2017, 5, 33.	3.6	27
10	Targeting the lysyl oxidases in tumour desmoplasia. Biochemical Society Transactions, 2019, 47, 1661-1678.	3.4	25
11	Antibacterial and antifungal screening of natural products sourced from Australian fungi and characterisation of pestalactams Dâ€“F. Phytochemistry, 2016, 124, 79-85.	2.9	21
12	GMP Synthase Is Required for Virulence Factor Production and Infection by Cryptococcus neoformans. Journal of Biological Chemistry, 2017, 292, 3049-3059.	3.4	19
13	Disruption of de Novo Adenosine Triphosphate (ATP) Biosynthesis Abolishes Virulence in Cryptococcus neoformans. ACS Infectious Diseases, 2016, 2, 651-663.	3.8	16
14	Cryptococcus neoformans ADS lyase is an enzyme essential for virulence whose crystal structure reveals features exploitable in antifungal drug design. Journal of Biological Chemistry, 2017, 292, 11829-11839.	3.4	15
15	The Miniâ€Organo: A rapid highâ€throughput 3D coculture organotypic assay for oncology screening and drug development. Cancer Reports, 2020, 3, e1209.	1.4	8
16	Quantitation of Purines from Pigeon Guano and Implications for Cryptococcus neoformans Survival During Infection. Mycopathologia, 2019, 184, 273-281.	3.1	6
17	Antimicrobial Octapeptin C4 Analogues Active against Cryptococcus Species. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	5
18	Rethinking the targets for antifungal development. Microbiology Australia, 2015, 36, 88.	0.4	0