Kathryn Crouch

List of Publications by Year
in descending order

23 papers	1,264 citations	687363 13 h-index	794594 19 g-index
36 all docs	36 docs citations	36 times ranked	1953 citing authors

#	Article	IF	Citations
1	VEuPathDB: the eukaryotic pathogen, vector and host bioinformatics resource center. Nucleic Acids Research, 2022, 50, D898-D911.	14.5	277
2	Bringing bioinformatics to schools with the 4273pi project. PLoS Computational Biology, 2022, 18, e1009705.	3.2	2
3	Divergent metabolism between Trypanosoma congolense and Trypanosoma brucei results in differential sensitivity to metabolic inhibition. PLoS Pathogens, 2021, 17, e1009734.	4.7	11
4	Transcriptional differentiation of Trypanosoma brucei during in vitro acquisition of resistance to acoziborole. PLoS Neglected Tropical Diseases, 2021, 15, e0009939.	3.0	2
5	Conditional knockout of RAD51-related genes in Leishmania major reveals a critical role for homologous recombination during genome replication. PLoS Genetics, 2020, 16, e1008828.	3.5	21
6	Trypanosoma brucei ATR Links DNA Damage Signaling during Antigenic Variation with Regulation of RNA Polymerase I-Transcribed Surface Antigens. Cell Reports, 2020, 30, 836-851.e5.	6.4	24
7	Genome duplication in Leishmania major relies on persistent subtelomeric DNA replication. ELife, 2020, 9, .	6.0	17
8	Next-Generation Analysis of Trypanosomatid Genome Stability and Instability. Methods in Molecular Biology, 2020, 2116, 225-262.	0.9	2
9	Title is missing!. , 2020, 16, e1008828.		0
10	Title is missing!. , 2020, 16, e1008828.		0
11	Title is missing!. , 2020, 16, e1008828.		0
12	Title is missing!. , 2020, 16, e1008828.		0
13	Trypanosoma brucei ribonuclease H2A is an essential R-loop processing enzyme whose loss causes DNA damage during transcription initiation and antigenic variation. Nucleic Acids Research, 2019, 47, 9180-9197.	14.5	32
14	Validation of the protein kinase Pf CLK3 as a multistage cross-species malarial drug target. Science, 2019, 365, .	12.6	51
15	Ribonuclease H1-targeted R-loops in surface antigen gene expression sites can direct trypanosome immune evasion. PLoS Genetics, 2018, 14, e1007729.	3.5	40
16	A Leishmania infantum genetic marker associated with miltefosine treatment failure for visceral leishmaniasis. EBioMedicine, 2018, 36, 83-91.	6.1	56
17	Genome-wide mapping reveals conserved and diverged R-loop activities in the unusual genetic landscape of the African trypanosome genome. Nucleic Acids Research, 2018, 46, 11789-11805.	14.5	27
18	FungiDB: An Integrated Bioinformatic Resource for Fungi and Oomycetes. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	309

#	Article	IF	Citations
19	EuPathDB: The Eukaryotic Pathogen Genomics Database Resource. Methods in Molecular Biology, 2018, 1757, 69-113.	0.9	80
20	EuPathDB: the eukaryotic pathogen genomics database resource. Nucleic Acids Research, 2017, 45, D581-D591.	14.5	191
21	TrypanoCyc: a community-led biochemical pathways database for Trypanosoma brucei. Nucleic Acids Research, 2015, 43, D637-D644.	14.5	35
22	Humoral immune response of the small-spotted catshark, Scyliorhinus canicula. Fish and Shellfish Immunology, 2013, 34, 1158-1169.	3.6	38
23	Characterization of the immunoglobulin repertoire of the spiny dogfish (Squalus acanthias). Developmental and Comparative Immunology, 2012, 36, 665-679.	2.3	38