Asis Khan

List of Publications by Year in descending order

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Version: 2024-02-01

31 papers	2,715 citations	279798 23 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	2047 citing authors

#	Article	IF	Citations
1	Globally diverse Toxoplasma gondii isolates comprise six major clades originating from a small number of distinct ancestral lineages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5844-5849.	7.1	349
2	Genetic analyses of atypical Toxoplasma gondii strains reveal a fourth clonal lineage in North America. International Journal for Parasitology, 2011, 41, 645-655.	3.1	263
3	Genetic Divergence of Toxoplasma gondii Strains Associated with Ocular Toxoplasmosis, Brazil. Emerging Infectious Diseases, 2006, 12, 942-949.	4.3	248
4	Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic Toxoplasma gondii genomes. Nature Communications, 2016, 7, 10147.	12.8	243
5	Virulence differences in Toxoplasma mediated by amplification of a family of polymorphic pseudokinases. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9631-9636.	7.1	230
6	Genetic diversity ofToxoplasma gondiiin animals and humans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2749-2761.	4.0	185
7	Composite genome map and recombination parameters derived from three archetypal lineages of Toxoplasma gondii. Nucleic Acids Research, 2005, 33, 2980-2992.	14.5	147
8	Selection at a Single Locus Leads to Widespread Expansion of Toxoplasma gondii Lineages That Are Virulent in Mice. PLoS Genetics, 2009, 5, e1000404.	3.5	133
9	Rhoptry Proteins ROP5 and ROP18 Are Major Murine Virulence Factors in Genetically Divergent South American Strains of Toxoplasma gondii. PLoS Genetics, 2015, 11, e1005434.	3.5	99
10	Antibiotic Resistance, Virulence Gene, and Molecular Profiles of Shiga Toxin-Producing Escherichia coli Isolates from Diverse Sources in Calcutta, India. Journal of Clinical Microbiology, 2002, 40, 2009-2015.	3.9	90
11	Phenotypic and Gene Expression Changes among Clonal Type I Strains of Toxoplasma gondii. Eukaryotic Cell, 2009, 8, 1828-1836.	3.4	76
12	Toxoplasma gondii Strains Defective in Oral Transmission Are Also Defective in Developmental Stage Differentiation. Infection and Immunity, 2007, 75, 2580-2590.	2.2	73
13	Common inheritance of chromosome Ia associated with clonal expansion of Toxoplasma gondii. Genome Research, 2006, 16, 1119-1125.	5.5	51
14	Forward Genetics in Toxoplasma gondii Reveals a Family of Rhoptry Kinases That Mediates Pathogenesis. Eukaryotic Cell, 2009, 8, 1085-1093.	3.4	50
15	A Monomorphic Haplotype of Chromosome Ia Is Associated with Widespread Success in Clonal and Nonclonal Populations of Toxoplasma gondii. MBio, 2011, 2, e00228-11.	4.1	45
16	Association of Cytolethal Distending Toxin Locus cdtB with Enteropathogenic Escherichia coli Isolated from Patients with Acute Diarrhea in Calcutta, India. Journal of Clinical Microbiology, 2003, 41, 5277-5281.	3.9	43
17	Molecular evidence of hybridization between pig and human Ascaris indicates an interbred species complex infecting humans. ELife, 2020, 9, .	6.0	42
18	Geographic Separation of Domestic and Wild Strains of Toxoplasma gondii in French Guiana Correlates with a Monomorphic Version of Chromosome1a. PLoS Neglected Tropical Diseases, 2014, 8, e3182.	3.0	39

#	Article	IF	Citations
19	Toxoplasma gondii: Laboratory Maintenance and Growth. Current Protocols in Microbiology, 2017, 44, 20C.1.1-20C.1.17.	6.5	37
20	A human origin type II strain of Toxoplasma gondii causing severe encephalitis in mice. Microbes and Infection, 2006, 8, 2206-2212.	1.9	34
21	Prevalence and genetic profiling of virulence determinants of non-O157 Shiga toxin-producing Escherichia coli isolated from cattle, beef, and humans, Calcutta, India. Emerging Infectious Diseases, 2002, 8, 54-62.	4.3	30
22	Genetic Mapping Reveals that Sinefungin Resistance in Toxoplasma gondii Is Controlled by a Putative Amino Acid Transporter Locus That Can Be Used as a Negative Selectable Marker. Eukaryotic Cell, 2015, 14, 140-148.	3.4	29
23	Neosporosis: An Overview of Its Molecular Epidemiology and Pathogenesis. Engineering, 2020, 6, 10-19.	6.7	23
24	Global selective sweep of a highly inbred genome of the cattle parasite Neospora caninum. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22764-22773.	7.1	20
25	NextGen sequencing reveals short double crossovers contribute disproportionately to genetic diversity in Toxoplasma gondii. BMC Genomics, 2014, 15, 1168.	2.8	17
26	Development of a Simple Latex Agglutination Assay for Detection of Shiga Toxin-Producing Escherichia coli (STEC) by Using Polyclonal Antibody against STEC. Vaccine Journal, 2007, 14, 600-604.	3.1	16
27	Molecular epidemiology and population structure of Toxoplasma gondii. , 2020, , 63-116.		9
28	Life Cycle and Transmission of Cyclospora cayetanensis: Knowns and Unknowns. Microorganisms, 2022, 10, 118.	3.6	7
29	REDHORSE-REcombination and Double crossover detection in Haploid Organisms using next-geneRation SEquencing data. BMC Genomics, 2015, 16, 133.	2.8	5
30	PopNet: A Markov Clustering Approach to Study Population Genetic Structure. Molecular Biology and Evolution, 2017, 34, 1799-1811.	8.9	5
31	Disruption of Toxoplasma gondii-Induced Host Cell DNA Replication Is Dependent on Contact Inhibition and Host Cell Type. MSphere, 2022, 7, e0016022.	2.9	3