Joseph L Derisi

List of Publications by Year
in descending order

154 papers	14,045 citations	32410 55 h-index	30277 107 g-index
213 all docs	213 docs citations	213 times ranked	19618 citing authors

#	Article	IF	Citations
1	Prolonged silent carriage, genomic virulence potential and transmission between staff and patients characterize a neonatal intensive care unit (NICU) outbreak of methicillin-resistant Staphylococcus aureus (MRSA). Infection Control and Hospital Epidemiology, 2023, 44, 40-46.	1.0	7
2	Vaccine breakthrough hypoxemic COVID-19 pneumonia in patients with auto-Abs neutralizing type I IFNs. Science Immunology, 2023, 8, .	5.6	35
3	Autoantibodies to Perilipin-1 Define a Subset of Acquired Generalized Lipodystrophy. Diabetes, 2023, 72, 59-70.	0.3	13
4	Estimation of Secondary Household Attack Rates for Emergent Spike L452R Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants Detected by Genomic Surveillance at a Community-Based Testing Site in San Francisco. Clinical Infectious Diseases, 2022, 74, 32-39.	2.9	39
5	Functional characterization of 5â€² UTR cis-acting sequence elements that modulate translational efficiency in Plasmodium falciparum and humans. Malaria Journal, 2022, 21, 15.	0.8	2
6	SARS-CoV-2 transmission dynamics and immune responses in a household of vaccinated persons. Clinical Infectious Diseases, 2022, , .	2.9	1
7	SARS-CoV-2 Variant Exposures Elicit Antibody Responses With Differential Cross-Neutralization of Established and Emerging Strains Including Delta and Omicron. Journal of Infectious Diseases, 2022, 225, 1909-1914.	1.9	35
8	Multiple sclerosis therapies differentially affect SARS-CoV-2 vaccineâ€“induced antibody and T cell immunity and function. JCI Insight, 2022, 7, .	2.3	69
9	Clonally expanded B cells in multiple sclerosis bind EBV EBNA1 and GlialCAM. Nature, 2022, 603, 321-327.	13.7	343
10	Full Genome Nobecovirus Sequences From Malagasy Fruit Bats Define a Unique Evolutionary History for This Coronavirus Clade. Frontiers in Public Health, 2022, 10, 786060.	1.3	13
11	Discovering disease-causing pathogens in resource-scarce Southeast Asia using a global metagenomic pathogen monitoring system. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115285119.	3.3	25
12	Pneumonia surveillance with culture-independent metatranscriptomics in HIV-positive adults in Uganda: a cross-sectional study. Lancet Microbe, The, 2022, 3, e357-e365.	3.4	7
13	Pulmonary microbiome and gene expression signatures differentiate lung function in pediatric hematopoietic cell transplant candidates. Science Translational Medicine, 2022, 14, eabm8646.	5.8	6
14	Comparison of SARS-CoV-2 Reverse Transcriptase Polymerase Chain Reaction and BinaxNOW Rapid Antigen Tests at a Community Site During an Omicron Surge. Annals of Internal Medicine, 2022, 175, 682-690.	2.0	49
15	Viral Load Among Vaccinated and Unvaccinated, Asymptomatic and Symptomatic Persons Infected With the SARS-CoV-2 Delta Variant. Open Forum Infectious Diseases, 2022, 9, ofac135.	0.4	40
16	Lower respiratory tract infections in children requiring mechanical ventilation: a multicentre prospective surveillance study incorporating airway metagenomics. Lancet Microbe, The, 2022, 3, e284-e293.	3.4	24
17	<scp>ZSCAN1</scp> Autoantibodies Are Associated with Pediatric Paraneoplastic <scp>ROHHAD</scp>. Annals of Neurology, 2022, 92, 279-291.	2.8	17
18	Genome-Wide Knockout Screen Identifies Human Sialomucin CD164 as an Essential Entry Factor for Lymphocytic Choriomeningitis Virus. MBio, 2022, 13, e0020522.	1.8	4

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19	Î²IV-Spectrin Autoantibodies in 2 Individuals With Neuropathy of Possible Paraneoplastic Origin. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	3.1	4
20	Upper airway gene expression shows a more robust adaptive immune response to SARS-CoV-2 in children. Nature Communications, 2022, 13, .	5.8	7
21	Metagenomic prediction of antimicrobial resistance in critically ill patients with lower respiratory tract infections. Genome Medicine, 2022, 14, .	3.6	25
22	Rapid pathogen detection by metagenomic next-generation sequencing of infected body fluids. Nature Medicine, 2021, 27, 115-124.	15.2	329
23	Amplification-free detection of SARS-CoV-2 with CRISPR-Cas13a and mobile phone microscopy. Cell, 2021, 184, 323-333.e9.	13.5	613
24	Performance Characteristics of a Rapid Severe Acute Respiratory Syndrome Coronavirus 2 Antigen Detection Assay at a Public Plaza Testing Site in San Francisco. Journal of Infectious Diseases, 2021, 223, 1139-1144.	1.9	131
25	POECIVIRUS IS PRESENT IN INDIVIDUALS WITH BEAK DEFORMITIES IN SEVEN SPECIES OF NORTH AMERICAN BIRDS. Journal of Wildlife Diseases, 2021, 57, 273-281.	0.3	4
26	The pulmonary metatranscriptome prior to pediatric HCT identifies post-HCT lung injury. Blood, 2021, 137, 1679-1689.	0.6	18
27	Use of unbiased metagenomic and transcriptomic analyses to investigate the association between feline calicivirus and feline chronic gingivostomatitis in domestic cats. American Journal of Veterinary Research, 2021, 82, 381-394.	0.3	18
28	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. Cell Reports Medicine, 2021, 2, 100288.	3.3	121
29	Neutralizing Autoantibodies to Type I Interferons in COVID-19 Convalescent Donor Plasma. Journal of Clinical Immunology, 2021, 41, 1169-1171.	2.0	53
30	Detection of cryptogenic malignancies from metagenomic whole genome sequencing of body fluids. Genome Medicine, 2021, 13, 98.	3.6	16
31	Persistence of Ambigrammatic Narnaviruses Requires Translation of the Reverse Open Reading Frame. Journal of Virology, 2021, 95, e0010921.	1.5	20
32	Label-free imaging and classification of live P. falciparum enables high performance parasitemia quantification without fixation or staining. PLoS Computational Biology, 2021, 17, e1009257.	1.5	12
33	Tracheal aspirate RNA sequencing identifies distinct immunological features of COVID-19 ARDS. Nature Communications, 2021, 12, 5152.	5.8	47
34	Metagenomic characterization of swine slurry in a North American swine farm operation. Scientific Reports, 2021, 11, 16994.	1.6	17
35	Longâ€term MRI changes in a patient with Kelchâ€like protein 11â€associated paraneoplastic neurological syndrome. European Journal of Neurology, 2021, 28, 4261-4266.	1.7	9
36	Elevated N-Linked Glycosylation of IgG V Regions in Myasthenia Gravis Disease Subtypes. Journal of Immunology, 2021, 207, 2005-2014.	0.4	14

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37	Type I interferon autoantibodies are associated with systemic immune alterations in patients with COVID-19. Science Translational Medicine, 2021, 13, eabh2624.	5.8	155
38	Detection of Neoplasms by Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid. JAMA Neurology, 2021, 78, 1355.	4.5	14
39	Genome-Wide Ribosome Profiling of the Plasmodium falciparum Intraerythrocytic Developmental Cycle. Methods in Molecular Biology, 2021, 2252, 57-87.	0.4	0
40	Field Performance and Public Health Response Using the BinaxNOWTM Rapid Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antigen Detection Assay During Community-Based Testing. Clinical Infectious Diseases, 2021, 73, e3098-e3101.	2.9	87
41	Antiâ€“SARS-CoV-2 and Autoantibody Profiles in the Cerebrospinal Fluid of 3 Teenaged Patients With COVID-19 and Subacute Neuropsychiatric Symptoms. JAMA Neurology, 2021, 78, 1503.	4.5	34
42	Investigating Transfusion-related Sepsis Using Culture-Independent Metagenomic Sequencing. Clinical Infectious Diseases, 2020, 71, 1179-1185.	2.9	21
43	Detection of Pneumonia Pathogens from Plasma Cell-Free DNA. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 491-495.	2.5	18
44	IDseqâ€”An open source cloud-based pipeline and analysis service for metagenomic pathogen detection and monitoring. GigaScience, 2020, 9, .	3.3	170
45	Deep profiling of protease substrate specificity enabled by dual random and scanned human proteome substrate phage libraries. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25464-25475.	3.3	28
46	ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens. Cell Reports Medicine, 2020, 1, 100123.	3.3	70
47	Upper airway gene expression reveals suppressed immune responses to SARS-CoV-2 compared with other respiratory viruses. Nature Communications, 2020, 11, 5854.	5.8	118
48	Expanded Clinical Phenotype, Oncological Associations, and Immunopathologic Insights of Paraneoplastic Kelch-like Protein-11 Encephalitis. JAMA Neurology, 2020, 77, 1420.	4.5	109
49	A pathogenic and clonally expanded B cell transcriptome in active multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22932-22943.	3.3	119
50	Clinical features, diagnostics, and outcomes of patients presenting with acute respiratory illness: A retrospective cohort study of patients with and without COVID-19. EClinicalMedicine, 2020, 27, 100518.	3.2	59
51	Identification of a Polymorphism in the N Gene of SARS-CoV-2 That Adversely Impacts Detection by Reverse Transcription-PCR. Journal of Clinical Microbiology, 2020, 59, .	1.8	66
52	Complete Genome Sequence of a Novel Coronavirus (SARS-CoV-2) Isolate from Bangladesh. Microbiology Resource Announcements, 2020, 9, .	0.3	31
53	High-resolution epitope mapping of anti-Hu and anti-Yo autoimmunity by programmable phage display. Brain Communications, 2020, 2, fcaa059.	1.5	41
54	Identification of anisomycin, prodigiosin and obatoclax as compounds with broad-spectrum anti-parasitic activity. PLoS Neglected Tropical Diseases, 2020, 14, e0008150.	1.3	20

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55	Plasmodium falciparum Resistance to a Lead Benzoxaborole Due to Blocked Compound Activation and Altered Ubiquitination or Sumoylation. MBio, 2020, 11, .	1.8	19
56	Genomic Profiling of Evolving Daptomycin Resistance in a Patient with Recurrent Staphylococcus argenteus Sepsis. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	8
57	Exploratory analysis of the potential for advanced diagnostic testing to reduce healthcare expenditures of patients hospitalized with meningitis or encephalitis. PLoS ONE, 2020, 15, e0226895.	1.1	10
58	Genomic and serologic characterization of enterovirus A71 brainstem encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	19
59	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. PLoS Pathogens, 2020, 16, e1008966.	2.1	18
60	Central Nervous System Virus Infection in African Children with Cerebral Malaria. American Journal of Tropical Medicine and Hygiene, 2020, 103, 200-205.	0.6	6
61	Identification of novel, clinically correlated autoantigens in the monogenic autoimmune syndrome APS1 by proteome-wide PhIP-Seq. ELife, 2020, 9, .	2.8	43
62	Enhanced Tooth Structure Via Silver Microwires Following Treatment with 38 Percent Silver Diamine Fluoride. Pediatric Dentistry (discontinued), 2020, 42, 226-231.	0.4	7
63	Title is missing!. , 2020, 14, e0008150.		0
64	Title is missing!. , 2020, 14, e0008150.		0
65	Title is missing!. , 2020, 14, e0008150.		0
66	Title is missing!. , 2020, 14, e0008150.		0
67	Kelch-like Protein 11 Antibodies in Seminoma-Associated Paraneoplastic Encephalitis. New England Journal of Medicine, 2019, 381, 47-54.	13.9	169
68	Exploratory proteomic analysis implicates the alternative complement cascade in primary CNS vasculitis. Neurology, 2019, 93, e433-e444.	1.5	13
69	Neuroglial stem cell-derived inflammatory pseudotumor (n-SCIPT): clinicopathologic characterization of a novel lesion of the lumbosacral spinal cord and nerve roots following intrathecal allogeneic stem cell intervention. Acta Neuropathologica, 2019, 138, 1103-1106.	3.9	1
70	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	0.9	115
71	Metagenomic next-generation sequencing of samples from pediatric febrile illness in Tororo, Uganda. PLoS ONE, 2019, 14, e0218318.	1.1	66
72	Clinical Metagenomic Sequencing for Diagnosis of Meningitis and Encephalitis. New England Journal of Medicine, 2019, 380, 2327-2340.	13.9	644

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73	FLASH: a next-generation CRISPR diagnostic for multiplexed detection of antimicrobial resistance sequences. Nucleic Acids Research, 2019, 47, e83-e83.	6.5	168
74	Genome Sequence of a Divergent Avian Metapneumovirus from a Monk Parakeet (<i>Myiopsitta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	18
75	Miniaturization and optimization of 384-well compatible RNA sequencing library preparation. PLoS ONE, 2019, 14, e0206194.	1.1	43
76	Unbiased Metagenomic Sequencing for Pediatric Meningitis in Bangladesh Reveals Neuroinvasive Chikungunya Virus Outbreak and Other Unrealized Pathogens. MBio, 2019, 10, .	1.8	79
77	Pan-viral serology implicates enteroviruses in acute flaccid myelitis. Nature Medicine, 2019, 25, 1748-1752.	15.2	93
78	An exploration of ambigrammatic sequences in narnaviruses. Scientific Reports, 2019, 9, 17982.	1.6	36
79	Pulmonary Metagenomic Sequencing Suggests Missed Infections in Immunocompromised Children. Clinical Infectious Diseases, 2019, 68, 1847-1855.	2.9	112
80	Clinicopathology conference: 41â€yearâ€old woman with chronic relapsing meningitis. Annals of Neurology, 2019, 85, 161-169.	2.8	12
81	Misinterpretation of Study Dataâ€”Reply. JAMA Neurology, 2019, 76, 113.	4.5	0
82	Metagenomic comparison of tracheal aspirate and mini-bronchial alveolar lavage for assessment of respiratory microbiota. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L578-L584.	1.3	36
83	METAGENOMIC NEXT-GENERATION SEQUENCING REVEALS MIAMIENSIS AVIDUS (CILIOPHORA:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 BAY, CALIFORNIA, USA. Journal of Wildlife Diseases, 2019, 55, 375.	0.3	18
84	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	0.9	157
85	Chronic Meningitis Investigated via Metagenomic Next-Generation Sequencing. JAMA Neurology, 2018, 75, 947.	4.5	214
86	Fatal Powassan Encephalitis (Deer Tick Virus, Lineage II) in a Patient With Fever and Orchitis Receiving Rituximab. JAMA Neurology, 2018, 75, 746.	4.5	31
87	Metagenomic Sequencing Detects Respiratory Pathogens in Hematopoietic Cellular Transplant Patients. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 524-528.	2.5	187
88	Metagenomic deep sequencing of aqueous fluid detects intraocular lymphomas. British Journal of Ophthalmology, 2018, 102, 6-8.	2.1	27
89	Ebola virus, but not Marburg virus, replicates efficiently and without required adaptation in snake cells. Virus Evolution, 2018, 4, vey034.	2.2	3
90	A fixed moderate-dose combination of tiletamine+zolazepam outperforms midazolam in induction of short-term immobilization of ball pythons (Python regius). PLoS ONE, 2018, 13, e0199339.	1.1	4

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91	Functional Assessment of 2,177 U.S. and International Drugs Identifies the Quinoline Nitroxoline as a Potent Amoebicidal Agent against the Pathogen Balamuthia mandrillaris. MBio, 2018, 9, .	1.8	41
92	The Plasmodium falciparum cytoplasmic translation apparatus: a promising therapeutic target not yet exploited by clinically approved anti-malarials. Malaria Journal, 2018, 17, 465.	0.8	25
93	Extending chemical perturbations of the ubiquitin fitness landscape in a classroom setting reveals new constraints on sequence tolerance. Biology Open, 2018, 7, .	0.6	17
94	Integrating host response and unbiased microbe detection for lower respiratory tract infection diagnosis in critically ill adults. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12353-E12362.	3.3	249
95	Avian keratin disorder of Alaska black-capped chickadees is associated with Poecivirus infection. Virology Journal, 2018, 15, 100.	1.4	18
96	Whole-Genome mRNA Gene Expression Differs Between Patients With and Without Delirium. Journal of Geriatric Psychiatry and Neurology, 2018, 31, 203-210.	1.2	5
97	Topical silver diamine fluoride for dental caries arrest in preschool children: A randomized controlled trial and microbiological analysis of caries associated microbes and resistance gene expression. Journal of Dentistry, 2018, 68, 72-78.	1.7	67
98	Interaction between FMDV Lpro and transcription factor ADNP is required for optimal viral replication. Virology, 2017, 505, 12-22.	1.1	19
99	MinorityReport, software for generalized analysis of causal genetic variants. Malaria Journal, 2017, 16, 90.	0.8	4
100	The Macronuclear Genome of Stentor coeruleus Reveals Tiny Introns in a Giant Cell. Current Biology, 2017, 27, 569-575.	1.8	105
101	A novel cause of chronic viral meningoencephalitis: <scp>C</scp>ache Valley virus. Annals of Neurology, 2017, 82, 105-114.	2.8	111
102	Multi-modality analysis supports APOBEC as a major source of mutations in head and neck squamous cell carcinoma. Oral Oncology, 2017, 74, 8-14.	0.8	46
103	A potent antimalarial benzoxaborole targets a Plasmodium falciparum cleavage and polyadenylation specificity factor homologue. Nature Communications, 2017, 8, 14574.	5.8	110
104	Metagenomic DNA Sequencing for the Diagnosis of Intraocular Infections. Ophthalmology, 2017, 124, 1247-1248.	2.5	54
105	Differential Disease Susceptibilities in Experimentally Reptarenavirus-Infected Boa Constrictors and Ball Pythons. Journal of Virology, 2017, 91, .	1.5	38
106	Altered Plasmodium falciparum Sensitivity to the Antiretroviral Protease Inhibitor Lopinavir Associated with Polymorphisms in pfmdr1. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	9
107	Complete Genome Sequence of a Divergent Human Rhinovirus C Isolate from an Infant with Severe Community-Acquired Pneumonia in Colorado, USA. Genome Announcements, 2017, 5, .	0.8	2
108	Assessing biosynthetic potential of agricultural groundwater through metagenomic sequencing: A diverse anammox community dominates nitrate-rich groundwater. PLoS ONE, 2017, 12, e0174930.	1.1	26

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109	Plasmid-free CRISPR/Cas9 genome editing in Plasmodium falciparum confirms mutations conferring resistance to the dihydroisoquinolone clinical candidate SJ733. PLoS ONE, 2017, 12, e0178163.	1.1	44
110	Northern Spotted Owl (Strix occidentalis caurina) Genome: Divergence with the Barred Owl (Strix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2522-2545.	1.1	27
111	Whole Exome Sequencing of Growing and Non-Growing Cutaneous Neurofibromas from a Single Patient with Neurofibromatosis Type 1. PLoS ONE, 2017, 12, e0170348.	1.1	15
112	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	2.1	244
113	Zika virus cell tropism in the developing human brain and inhibition by azithromycin. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14408-14413.	3.3	432
114	Illuminating uveitis: metagenomic deep sequencing identifies common and rare pathogens. Genome Medicine, 2016, 8, 90.	3.6	148
115	Multiplexed Metagenomic Deep Sequencing To Analyze the Composition of High-Priority Pathogen Reagents. MSystems, 2016, 1, .	1.7	19
116	Identification of Plasmodium falciparum specific translation inhibitors from the MMV Malaria Box using a high throughput in vitro translation screen. Malaria Journal, 2016, 15, 173.	0.8	28
117	Novel Picornavirus Associated with Avian Keratin Disorder in Alaskan Birds. MBio, 2016, 7, .	1.8	31
118	Neurologic Complications of Common Variable Immunodeficiency. Journal of Clinical Immunology, 2016, 36, 793-800.	2.0	28
119	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. Systematic Biology, 2016, 66, syw096.	2.7	17
120	Targeted next-generation sequencing of TP53 in oral tongue carcinoma from non-smokers. Journal of Otolaryngology - Head and Neck Surgery, 2016, 45, 47.	0.9	7
121	Antimalarial Benzoxaboroles Target Plasmodium falciparum Leucyl-tRNA Synthetase. Antimicrobial Agents and Chemotherapy, 2016, 60, 4886-4895.	1.4	58
122	A Herpesviral induction of RAE-1 NKG2D ligand expression occurs through release of HDAC mediated repression. ELife, 2016, 5, .	2.8	24
123	Determination of ubiquitin fitness landscapes under different chemical stresses in a classroom setting. ELife, 2016, 5, .	2.8	71
124	Isolation of a Complete Circular Virus Genome Sequence from an Alaskan Black-Capped Chickadee () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	10
125	Past, present, and future of arenavirus taxonomy. Archives of Virology, 2015, 160, 1851-1874.	0.9	158
126	Diagnosing <scp>Balamuthia mandrillaris</scp><scp>E</scp>ncephalitis <scp>W</scp>ith <scp>M</scp>etagenomic <scp>D</scp>eep<scp> S</scp>equencing. Annals of Neurology, 2015, 78, 722-730.	2.8	117

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127	Draft Genome Sequences of Ciliovirus and Brinovirus from San Francisco Wastewater. Genome Announcements, 2015, 3, .	0.8	9
128	Widespread Recombination, Reassortment, and Transmission of Unbalanced Compound Viral Genotypes in Natural Arenavirus Infections. PLoS Pathogens, 2015, 11, e1004900.	2.1	72
129	Destructin-1 is a collagen-degrading endopeptidase secreted by Pseudogymnoascus destructans , the causative agent of white-nose syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7478-7483.	3.3	68
130	A Chemical Rescue Screen Identifies a Plasmodium falciparum Apicoplast Inhibitor Targeting MEP Isoprenoid Precursor Biosynthesis. Antimicrobial Agents and Chemotherapy, 2015, 59, 356-364.	1.4	72
131	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. Head and Neck, 2015, 37, 1642-1649.	0.9	66
132	Ball Python Nidovirus: a Candidate Etiologic Agent for Severe Respiratory Disease in Python regius. MBio, 2014, 5, e01484-14.	1.8	82
133	The Kinase Regulator Mob1 Acts as a Patterning Protein for Stentor Morphogenesis. PLoS Biology, 2014, 12, e1001861.	2.6	55
134	A cloud-compatible bioinformatics pipeline for ultrarapid pathogen identification from next-generation sequencing of clinical samples. Genome Research, 2014, 24, 1180-1192.	2.4	421
135	(+)-SJ733, a clinical candidate for malaria that acts through ATP4 to induce rapid host-mediated clearance of Plasmodium. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5455-62.	3.3	199
136	Profile Hidden Markov Models for the Detection of Viruses within Metagenomic Sequence Data. PLoS ONE, 2014, 9, e105067.	1.1	153
137	Structural Characterization of the Glycoprotein GP2 Core Domain from the CAS Virus, a Novel Arenavirus-Like Species. Journal of Molecular Biology, 2014, 426, 1452-1468.	2.0	25
138	How duplicated transcription regulators can diversify to govern the expression of nonoverlapping sets of genes. Genes and Development, 2014, 28, 1272-1277.	2.7	48
139	KrÃ¼ppel Mediates the Selective Rebalancing of Ion Channel Expression. Neuron, 2014, 82, 537-544.	3.8	42
140	Actionable Diagnosis of Neuroleptospirosis by Next-Generation Sequencing. New England Journal of Medicine, 2014, 370, 2408-2417.	13.9	760
141	A Draft Genome of the Honey Bee Trypanosomatid Parasite Crithidia mellificae. PLoS ONE, 2014, 9, e95057.	1.1	60
142	Genome-wide regulatory dynamics of translation in the Plasmodium falciparum asexual blood stages. ELife, 2014, 3, .	2.8	115
143	PRICE: Software for the Targeted Assembly of Components of (Meta) Genomic Sequence Data. G3: Genes, Genomes, Genetics, 2013, 3, 865-880.	0.8	250
144	Asexual Populations of the Human Malaria Parasite, Plasmodium falciparum, Use a Two-Step Genomic Strategy to Acquire Accurate, Beneficial DNA Amplifications. PLoS Pathogens, 2013, 9, e1003375.	2.1	65

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145	Virus Identification in Unknown Tropical Febrile Illness Cases Using Deep Sequencing. PLoS Neglected Tropical Diseases, 2012, 6, e1485.	1.3	148
146	Identification, Characterization, and In Vitro Culture of Highly Divergent Arenaviruses from Boa Constrictors and Annulated Tree Boas: Candidate Etiological Agents for Snake Inclusion Body Disease. MBio, 2012, 3, e00180-12.	1.8	170
147	Chemical genetics of Plasmodium falciparum. Nature, 2010, 465, 311-315.	13.7	515
148	Human Enterovirus 109: a Novel Interspecies Recombinant Enterovirus Isolated from a Case of Acute Pediatric Respiratory Illness in Nicaragua. Journal of Virology, 2010, 84, 9047-9058.	1.5	118
149	Recovery of divergent avian bornaviruses from cases of proventricular dilatation disease: Identification of a candidate etiologic agent. Virology Journal, 2008, 5, 88.	1.4	235
150	Panâ€Viral Screening of Respiratory Tract Infections in Adults With and Without Asthma Reveals Unexpected Human Coronavirus and Human Rhinovirus Diversity. Journal of Infectious Diseases, 2007, 196, 817-825.	1.9	268
151	Tetracyclines Specifically Target the Apicoplast of the Malaria Parasite Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2006, 50, 3124-3131.	1.4	242
152	Shotgun DNA microarrays and stage-specific gene expression in Plasmodium falciparum malaria. Molecular Microbiology, 2000, 35, 6-14.	1.2	207
153	New Components of a System for Phosphate Accumulation and Polyphosphate Metabolism inSaccharomyces cerevisiaeRevealed by Genomic Expression Analysis. Molecular Biology of the Cell, 2000, 11, 4309-4321.	0.9	470
154	Drug target validation and identification of secondary drug target effects using DNA microarrays. Nature Medicine, 1998, 4, 1293-1301.	15.2	635