

Andrey Tovchigrechko

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,032
citations

394421

19
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

3847
citing authors

#	ARTICLE	IF	CITATIONS
1	GRAMM-X public web server for protein-protein docking. <i>Nucleic Acids Research</i> , 2006, 34, W310-W314.	14.5	678
2	Genomic and functional adaptation in surface ocean planktonic prokaryotes. <i>Nature</i> , 2010, 468, 60-66.	27.8	280
3	Prediction of homoprotein and heteroprotein complexes by protein docking and template-based modeling: A CASP-CAPRI experiment. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 323-348.	2.6	148
4	Gastrointestinal microbial populations can distinguish pediatric and adolescent Acute Lymphoblastic Leukemia (ALL) at the time of disease diagnosis. <i>BMC Genomics</i> , 2016, 17, 635.	2.8	103
5	RsfA (YbeB) Proteins Are Conserved Ribosomal Silencing Factors. <i>PLoS Genetics</i> , 2012, 8, e1002815.	3.5	88
6	Differences in the Nasopharyngeal Microbiome During Acute Respiratory Tract Infection With Human Rhinovirus and Respiratory Syncytial Virus in Infancy. <i>Journal of Infectious Diseases</i> , 2016, 214, 1924-1928.	4.0	84
7	DOCKGROUND resource for studying protein-protein interfaces. <i>Bioinformatics</i> , 2006, 22, 2612-2618.	4.1	76
8	Nasopharyngeal Lactobacillus is associated with a reduced risk of childhood wheezing illnesses following acute respiratory syncytial virus infection in infancy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1447-1456.e9.	2.9	74
9	DOCKGROUND system of databases for protein recognition studies: Unbound structures for docking. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 845-851.	2.6	65
10	Nasopharyngeal Microbiome in Respiratory Syncytial Virus Resembles Profile Associated with Increased Childhood Asthma Risk. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1180-1183.	5.6	63
11	Minimally Invasive Sampling Method Identifies Differences in Taxonomic Richness of Nasal Microbiomes in Young Infants Associated with Mode of Delivery. <i>Microbial Ecology</i> , 2016, 71, 233-242.	2.8	54
12	Global Molecular Epidemiology of Respiratory Syncytial Virus from the 2017-2018 INFORM-RSV Study. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	3.9	52
13	Emergence of new antigenic epitopes in the glycoproteins of human respiratory syncytial virus collected from a US surveillance study, 2015-2017. <i>Scientific Reports</i> , 2019, 9, 3898.	3.3	41
14	Co-occurrence of Anaerobes in Human Chronic Wounds. <i>Microbial Ecology</i> , 2019, 77, 808-820.	2.8	40
15	Type 1 Diabetes: Urinary Proteomics and Protein Network Analysis Support Perturbation of Lysosomal Function. <i>Theranostics</i> , 2017, 7, 2704-2717.	10.0	30
16	The size of the intermolecular energy funnel in protein-protein interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 344-352.	2.6	26
17	Quantitative Differences in the Urinary Proteome of Siblings Discordant for Type 1 Diabetes Include Lysosomal Enzymes. <i>Journal of Proteome Research</i> , 2015, 14, 3123-3135.	3.7	26
18	Chemically Defined, High-Density Insect Cell-Based Expression System for Scalable AAV Vector Production. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 330-340.	4.1	22

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19	PGP: parallel prokaryotic proteogenomics pipeline for MPI clusters, high-throughput batch clusters and multicore workstations. <i>Bioinformatics</i> , 2014, 30, 1469-1470.	4.1	19
20	Characterization of circulating RSV strains among subjects in the OUTSMART-RSV surveillance program during the 2016-17 winter viral season in the United States. <i>PLoS ONE</i> , 2018, 13, e0200319.	2.5	19
21	Distinct mucosal microbial communities in infants with surgical necrotizing enterocolitis correlate with age and antibiotic exposure. <i>PLoS ONE</i> , 2018, 13, e0206366.	2.5	14
22	Characterization of human respiratory syncytial virus (RSV) isolated from HIV-exposed-uninfected and HIV-unexposed infants in South Africa during 2015-2017. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 403-411.	3.4	10
23	Associations of pathogen-specific and host-specific characteristics with disease outcome in patients with <i>Staphylococcus aureus</i> bacteremic pneumonia. <i>Clinical and Translational Immunology</i> , 2019, 8, e01070.	3.8	9
24	LARGE-SCALE STRUCTURAL MODELING OF PROTEIN COMPLEXES AT LOW RESOLUTION. <i>Journal of Bioinformatics and Computational Biology</i> , 2008, 06, 789-810.	0.8	6
25	Evaluation of the upper airway microbiome and immune response with nasal epithelial lining fluid absorption and nasal washes. <i>Scientific Reports</i> , 2020, 10, 20618.	3.3	4
26	Molecular Analysis of Respiratory Syncytial Virus (RSV) F and G Proteins In the OUTSMART Surveillance Program During the 2015-2016 Winter Season in the United States. <i>Open Forum Infectious Diseases</i> , 2017, 4, S575-S576.	0.9	1
27	Bioinformatics for Genomes and Metagenomes in Ecology Studies. <i>Advanced Topics in Science and Technology in China</i> , 2014, , 203-226.	0.1	0