

Jishnu Das

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,521
citations

236612

25
h-index

205818

48
g-index

59
all docs

59
docs citations

59
times ranked

7342
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics-Driven Gut Microbiome Perturbation Alters Immunity to Vaccines in Humans. <i>Cell</i> , 2019, 178, 1313-1328.e13.	13.5	402
2	Three-dimensional reconstruction of protein networks provides insight into human genetic disease. <i>Nature Biotechnology</i> , 2012, 30, 159-164.	9.4	378
3	HINT: High-quality protein interactomes and their applications in understanding human disease. <i>BMC Systems Biology</i> , 2012, 6, 92.	3.0	366
4	Integrative Annotation of Variants from 1092 Humans: Application to Cancer Genomics. <i>Science</i> , 2013, 342, 1235587.	6.0	341
5	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , 2018, 24, 221-233.e5.	5.1	182
6	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	13.5	157
7	INstruct: a database of high-quality 3D structurally resolved protein interactome networks. <i>Bioinformatics</i> , 2013, 29, 1577-1579.	1.8	129
8	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , 2018, 24, 1590-1598.	15.2	129
9	A multi-landing pad DNA integration platform for mammalian cell engineering. <i>Nucleic Acids Research</i> , 2018, 46, 4072-4086.	6.5	110
10	Phosphoproteomics Reveals Distinct Modes of Mec1/ATR Signaling during DNA Replication. <i>Molecular Cell</i> , 2015, 57, 1124-1132.	4.5	106
11	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. <i>Cell</i> , 2016, 164, 310-323.	13.5	106
12	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	100
13	mutation3D: Cancer Gene Prediction Through Atomic Clustering of Coding Variants in the Structural Proteome. <i>Human Mutation</i> , 2016, 37, 447-456.	1.1	94
14	Initiation of Antiretroviral Therapy Before Pregnancy Reduces the Risk of Infection-related Hospitalization in Human Immunodeficiency Virus-exposed Uninfected Infants Born in a High-income Country. <i>Clinical Infectious Diseases</i> , 2019, 68, 1193-1203.	2.9	60
15	The transcription factors Runx3 and ThPOK cross-regulate acquisition of cytotoxic function by human Th1 lymphocytes. <i>ELife</i> , 2018, 7, .	2.8	57
16	Genome-scale analysis of interaction dynamics reveals organization of biological networks. <i>Bioinformatics</i> , 2012, 28, 1873-1878.	1.8	50
17	Extensive disruption of protein interactions by genetic variants across the allele frequency spectrum in human populations. <i>Nature Communications</i> , 2019, 10, 4141.	5.8	48
18	Cross-Species Protein Interactome Mapping Reveals Species-Specific Wiring of Stress Response Pathways. <i>Science Signaling</i> , 2013, 6, ra38.	1.6	47

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19	A Massively Parallel Pipeline to Clone DNA Variants and Examine Molecular Phenotypes of Human Disease Mutations. <i>PLoS Genetics</i> , 2014, 10, e1004819.	1.5	47
20	Antibody Fc Glycosylation Discriminates Between Latent and Active Tuberculosis. <i>Journal of Infectious Diseases</i> , 2020, 222, 2093-2102.	1.9	47
21	Dissecting Disease Inheritance Modes in a Three-Dimensional Protein Network Challenges the "Guilt-by-Association" Principle. <i>American Journal of Human Genetics</i> , 2013, 93, 78-89.	2.6	44
22	Upper and lower respiratory tract correlates of protection against respiratory syncytial virus following vaccination of nonhuman primates. <i>Cell Host and Microbe</i> , 2022, 30, 41-52.e5.	5.1	44
23	Co-immunization of DNA and Protein in the Same Anatomical Sites Induces Superior Protective Immune Responses against SHIV Challenge. <i>Cell Reports</i> , 2020, 31, 107624.	2.9	43
24	Control of Heterologous Simian Immunodeficiency Virus SIV _{smE660} Infection by DNA and Protein Coimmunization Regimens Combined with Different Toll-Like-Receptor-4-Based Adjuvants in Macaques. <i>Journal of Virology</i> , 2018, 92, .	1.5	39
25	Temporal variation in HIV-specific IgG subclass antibodies during acute infection differentiates spontaneous controllers from chronic progressors. <i>Aids</i> , 2018, 32, 443-450.	1.0	35
26	Autoreactive CD8+ T cells are restrained by an exhaustion-like program that is maintained by LAG3. <i>Nature Immunology</i> , 2022, 23, 868-877.	7.0	32
27	ENCAPP: elastic-net-based prognosis prediction and biomarker discovery for human cancers. <i>BMC Genomics</i> , 2015, 16, 263.	1.2	30
28	Extracellular Matrix Injury of Kidney Allografts in Antibody-Mediated Rejection: A Proteomics Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2705-2724.	3.0	29
29	Exploring mechanisms of human disease through structurally resolved protein interactome networks. <i>Molecular BioSystems</i> , 2014, 10, 9-17.	2.9	27
30	Analysis of Complement-Mediated Lysis of Simian Immunodeficiency Virus (SIV) and SIV-Infected Cells Reveals Sex Differences in Vaccine-Induced Immune Responses in Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	1.5	26
31	Epigenetic basis for monocyte dysfunction in patients with severe alcoholic hepatitis. <i>Journal of Hepatology</i> , 2020, 73, 303-314.	1.8	24
32	Fungal sensing enhances neutrophil metabolic fitness by regulating antifungal Glut1 activity. <i>Cell Host and Microbe</i> , 2022, 30, 530-544.e6.	5.1	21
33	Mining for humoral correlates of HIV control and latent reservoir size. <i>PLoS Pathogens</i> , 2020, 16, e1008868.	2.1	19
34	Functional reprogramming of monocytes in patients with acute and convalescent severe COVID-19. <i>JCI Insight</i> , 2022, 7, .	2.3	19
35	Elucidating Common Structural Features of Human Pathogenic Variations Using Large-Scale Atomic-Resolution Protein Networks. <i>Human Mutation</i> , 2014, 35, 585-593.	1.1	18
36	Glucosylation by the Legionella Effector SetA Promotes the Nuclear Localization of the Transcription Factor TFEB. <i>IScience</i> , 2020, 23, 101300.	1.9	18

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37	Delayed fractional dosing with RTS,S/AS01 improves humoral immunity to malaria via a balance of polyfunctional NANP6- and Pf16-specific antibodies. <i>Med</i> , 2021, 2, 1269-1286.e9.	2.2	17
38	People critically ill with COVID-19 exhibit peripheral immune profiles predictive of mortality and reflective of SARS-CoV-2 lung viral burden. <i>Cell Reports Medicine</i> , 2021, 2, 100476.	3.3	11
39	Antibodies targeting conserved non-canonical antigens and endemic coronaviruses associate with favorable outcomes in severe COVID-19. <i>Cell Reports</i> , 2022, 39, 111020.	2.9	11
40	Predicting Cancer Prognosis Using Functional Genomics Data Sets. <i>Cancer Informatics</i> , 2014, 13s5, CIN.S14064.	0.9	9
41	Genetic Polymorphisms in the Open Reading Frame of the CCR5 gene From HIV-1 Seronegative and Seropositive Individuals From National Capital Regions of India. <i>Scientific Reports</i> , 2019, 9, 7594.	1.6	8
42	Latency reversal agents modulate HIV antigen processing and presentation to CD8 T cells. <i>PLoS Pathogens</i> , 2020, 16, e1008442.	2.1	8
43	Essential Regression: A generalizable framework for inferring causal latent factors from multi-omic datasets. <i>Patterns</i> , 2022, 3, 100473.	3.1	8
44	Latent Model-Based Clustering for Biological Discovery. <i>IScience</i> , 2019, 14, 125-135.	1.9	5
45	Effect of dietary fat and sucrose consumption on cardiac fibrosis in mice and rhesus monkeys. <i>JCI Insight</i> , 2019, 4, .	2.3	5
46	A network-based approach to identify expression modules underlying rejection in pediatric liver transplantation. <i>Cell Reports Medicine</i> , 2022, 3, 100605.	3.3	5
47	Reply to Slogrove et al. <i>Clinical Infectious Diseases</i> , 2019, 68, 2158-2158.	2.9	2
48	Mechanisms of Impaired Lung Development and Ciliation in Mannosidase-1-Alpha-2 (Man1a2) Mutants. <i>Frontiers in Physiology</i> , 2021, 12, 658518.	1.3	2
49	Studying Autism in Context. <i>Cell Systems</i> , 2015, 1, 312-313.	2.9	0
50	Computational design of soluble variants of transmembrane proteins. , 2010, , .		0
51	Latent Model-Based Clustering for Biological Discovery. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
52	Impact of dietary fat and sucrose consumption on cardiac fibrosis in rhesus monkeys and mice. <i>FASEB Journal</i> , 2019, 33, lb467.	0.2	0