Jishnu Das

List of Publications by Year
in descending order

52 papers	3,521 citations	236925 25 h-index	206112 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. Cell, 2019, 178, 1313-1328.e13.	28.9	402
2	Three-dimensional reconstruction of protein networks provides insight into human genetic disease. Nature Biotechnology, 2012, 30, 159-164.	17.5	378
3	HINT: High-quality protein interactomes and their applications in understanding human disease. BMC Systems Biology, 2012, 6, 92.	3.0	366
4	Integrative Annotation of Variants from 1092 Humans: Application to Cancer Genomics. Science, 2013, 342, 1235587.	12.6	341
5	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. Cell Host and Microbe, 2018, 24, 221-233.e5.	11.0	182
6	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. Cell, 2019, 178, 202-215.e14.	28.9	157
7	INstruct: a database of high-quality 3D structurally resolved protein interactome networks. Bioinformatics, 2013, 29, 1577-1579.	4.1	129
8	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. Nature Medicine, 2018, 24, 1590-1598.	30.7	129
9	A multi-landing pad DNA integration platform for mammalian cell engineering. Nucleic Acids Research, 2018, 46, 4072-4086.	14.5	110
10	Phosphoproteomics Reveals Distinct Modes of Mec1/ATR Signaling during DNA Replication. Molecular Cell, 2015, 57, 1124-1132.	9.7	106
11	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. Cell, 2016, 164, 310-323.	28.9	106
12	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. Science Translational Medicine, 2020, 12, .	12.4	100
13	mutation3D: Cancer Gene Prediction Through Atomic Clustering of Coding Variants in the Structural Proteome. Human Mutation, 2016, 37, 447-456.	2.5	94
14	Initiation of Antiretroviral Therapy Before Pregnancy Reduces the Risk of Infection-related Hospitalization in Human Immunodeficiency Virusâ€“exposed Uninfected Infants Born in a High-income Country. Clinical Infectious Diseases, 2019, 68, 1193-1203.	5.8	60
15	The transcription factors Runx3 and ThPOK cross-regulate acquisition of cytotoxic function by human Th1 lymphocytes. ELife, 2018, 7, .	6.0	57
16	Genome-scale analysis of interaction dynamics reveals organization of biological networks. Bioinformatics, 2012, 28, 1873-1878.	4.1	50
17	Extensive disruption of protein interactions by genetic variants across the allele frequency spectrum in human populations. Nature Communications, 2019, 10, 4141.	12.8	48
18	Cross-Species Protein Interactome Mapping Reveals Species-Specific Wiring of Stress Response Pathways. Science Signaling, 2013, 6, ra38.	3.6	47

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19	A Massively Parallel Pipeline to Clone DNA Variants and Examine Molecular Phenotypes of Human Disease Mutations. PLoS Genetics, 2014, 10, e1004819.	3.5	47
20	Antibody Fc Glycosylation Discriminates Between Latent and Active Tuberculosis. Journal of Infectious Diseases, 2020, 222, 2093-2102.	4.0	47
21	Dissecting Disease Inheritance Modes in a Three-Dimensional Protein Network Challenges the â€œGuilt-by-Associationâ€•Principle. American Journal of Human Genetics, 2013, 93, 78-89.	6.2	44
22	Upper and lower respiratory tract correlates of protection against respiratory syncytial virus following vaccination of nonhuman primates. Cell Host and Microbe, 2022, 30, 41-52.e5.	11.0	44
23	Co-immunization of DNA and Protein in the Same Anatomical Sites Induces Superior Protective Immune Responses against SHIV Challenge. Cell Reports, 2020, 31, 107624.	6.4	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. Journal of Virology, 2018, 92, .	3.4	39
25	Temporal variation in HIV-specific IgG subclass antibodies during acute infection differentiates spontaneous controllers from chronic progressors. Aids, 2018, 32, 443-450.	2.2	35
26	Autoreactive CD8+ T cells are restrained by an exhaustion-like program that is maintained by LAG3. Nature Immunology, 2022, 23, 868-877.	14.5	32
27	ENCAPP: elastic-net-based prognosis prediction and biomarker discovery for human cancers. BMC Genomics, 2015, 16, 263.	2.8	30
28	Extracellular Matrix Injury of Kidney Allografts in Antibody-Mediated Rejection: A Proteomics Study. Journal of the American Society of Nephrology: JASN, 2020, 31, 2705-2724.	6.1	29
29	Exploring mechanisms of human disease through structurally resolved protein interactome networks. Molecular BioSystems, 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. Journal of Virology, 2018, 92, .	3.4	26
31	Epigenetic basis for monocyte dysfunction in patients with severe alcoholic hepatitis. Journal of Hepatology, 2020, 73, 303-314.	3.7	24
32	Fungal sensing enhances neutrophil metabolic fitness by regulating antifungal Glut1 activity. Cell Host and Microbe, 2022, 30, 530-544.e6.	11.0	21
33	Mining for humoral correlates of HIV control and latent reservoir size. PLoS Pathogens, 2020, 16, e1008868.	4.7	19
34	Functional reprogramming of monocytes in patients with acute and convalescent severe COVID-19. JCI Insight, 2022, 7, .	5.0	19
35	Elucidating Common Structural Features of Human Pathogenic Variations Using Large-Scale Atomic-Resolution Protein Networks. Human Mutation, 2014, 35, 585-593.	2.5	18
36	Glucosylation by the Legionella Effector SetA Promotes the Nuclear Localization of the Transcription Factor TFEB. IScience, 2020, 23, 101300.	4.1	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. Med, 2021, 2, 1269-1286.e9.	4.4	17
38	People critically ill with COVID-19 exhibit peripheral immune profiles predictive of mortality and reflective of SARS-CoV-2 lung viral burden. Cell Reports Medicine, 2021, 2, 100476.	6.5	11
39	Antibodies targeting conserved non-canonical antigens and endemic coronaviruses associate with favorable outcomes in severe COVID-19. Cell Reports, 2022, 39, 111020.	6.4	11
40	Predicting Cancer Prognosis Using Functional Genomics Data Sets. Cancer Informatics, 2014, 13s5, CIN.S14064.	1.9	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. Scientific Reports, 2019, 9, 7594.	3.3	8
42	Latency reversal agents modulate HIV antigen processing and presentation to CD8 T cells. PLoS Pathogens, 2020, 16, e1008442.	4.7	8
43	Essential Regression: A generalizable framework for inferring causal latent factors from multi-omic datasets. Patterns, 2022, 3, 100473.	5.9	8
44	Latent Model-Based Clustering for Biological Discovery. IScience, 2019, 14, 125-135.	4.1	5
45	Effect of dietary fat and sucrose consumption on cardiac fibrosis in mice and rhesus monkeys. JCI Insight, 2019, 4, .	5.0	5
46	A network-based approach to identify expression modules underlying rejection in pediatric liver transplantation. Cell Reports Medicine, 2022, 3, 100605.	6.5	5
47	Reply to Slogrove et al. Clinical Infectious Diseases, 2019, 68, 2158-2158.	5.8	2
48	Mechanisms of Impaired Lung Development and Ciliation in Mannosidase-1-Alpha-2 (Man1a2) Mutants. Frontiers in Physiology, 2021, 12, 658518.	2.8	2
49	Studying Autism in Context. Cell Systems, 2015, 1, 312-313.	6.2	0
50	Computational design of soluble variants of transmembrane proteins. , 2010, , .		0
51	Latent Model-Based Clustering for Biological Discovery. SSRN Electronic Journal, 0, , .	0.4	0
52	Impact of dietary fat and sucrose consumption on cardiac fibrosis in rhesus monkeys and mice. FASEB Journal, 2019, 33, lb467.	0.5	0