

Tanmoy Bhattacharya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155
papers

14,865
citations

53
h-index

121
g-index

172
ext. papers

17,359
ext. citations

7
avg, IF

5.9
L-index

#	Paper	IF	Citations
155	Uncertainty bounds for multivariate machine learning predictions on high-strain brittle fracture. <i>Computational Materials Science</i> , 2022 , 201, 110883	3.2	0
154	Qubit Regularization of Asymptotic Freedom. <i>Physical Review Letters</i> , 2021 , 126, 172001	7.4	5
153	Nucleon momentum fraction, helicity and transversity from 2+1-flavor lattice QCD. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
152	Contribution of the QCD term to the nucleon electric dipole moment. <i>Physical Review D</i> , 2021 , 103,	4.9	4
151	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. <i>Cell Host and Microbe</i> , 2021 , 29, 1093-1110	23.4	19
150	Pion-Nucleon Sigma Term from Lattice QCD.. <i>Physical Review Letters</i> , 2021 , 127, 242002	7.4	3
149	Moments of nucleon isovector structure functions in 2+1+1-flavor QCD. <i>Physical Review D</i> , 2020 , 102,	4.9	3
148	Estimating the Timing of Early Simian-Human Immunodeficiency Virus Infections: a Comparison between Poisson Fitter and BEAST. <i>MBio</i> , 2020 , 11,	7.8	2
147	Tracking Changes in SARS-CoV-2 Spike: Evidence that D614G Increases Infectivity of the COVID-19 Virus. <i>Cell</i> , 2020 , 182, 812-827.e19	56.2	2322
146	Axial Vector Form Factors from Lattice QCD that Satisfy the PCAC Relation. <i>Physical Review Letters</i> , 2020 , 124, 072002	7.4	14
145	State preparation and measurement in a quantum simulation of the O(3) sigma model. <i>Physical Review D</i> , 2020 , 102,	4.9	1
144	Accumulated mutations by 6 months of infection collectively render transmitted/founder HIV-1 significantly less fit. <i>Journal of Infection</i> , 2020 , 80, 210-218	18.9	1
143	Nucleon electromagnetic form factors in the continuum limit from (2+1+1)-flavor lattice QCD. <i>Physical Review D</i> , 2020 , 101,	4.9	17
142	Machine learning estimators for lattice QCD observables. <i>Physical Review D</i> , 2019 , 100,	4.9	11
141	Intragenomic conflict over bet-hedging. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20180142	5.8	5
140	AI Meets Exascale Computing: Advancing Cancer Research With Large-Scale High Performance Computing. <i>Frontiers in Oncology</i> , 2019 , 9, 984	5.3	10
139	Neutron Electric Dipole Moment from Beyond the Standard Model 2019 ,		2

138	The role of Lattice QCD in searches for violations of fundamental symmetries and signals for new physics. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	24
137	The need for uncertainty quantification in machine-assisted medical decision making. <i>Nature Machine Intelligence</i> , 2019 , 1, 20-23	22.5	80
136	Superinfection and cure of infected cells as mechanisms for hepatitis C virus adaptation and persistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7139-E7148	11.5	13
135	calculation of $B \rightarrow \Phi^{*} \ell \nu$ form factor at zero recoil using the Oktay-Kronfeld action. <i>EPJ Web of Conferences</i> , 2018 , 175, 13012	0.3	6
134	CAT: computer aided triage improving upon the Bayes risk through refusal triage rules. <i>BMC Bioinformatics</i> , 2018 , 19, 485	3.6	1
133	Neutron Electric Dipole Moment on the Lattice. <i>EPJ Web of Conferences</i> , 2018 , 175, 01014	0.3	5
132	Isovector and flavor-diagonal charges of the nucleon. <i>EPJ Web of Conferences</i> , 2018 , 175, 06029	0.3	1
131	Nucleon Axial and Electromagnetic Form Factors. <i>EPJ Web of Conferences</i> , 2018 , 175, 06033	0.3	10
130	Flavor diagonal tensor charges of the nucleon from (2+1+1)-flavor lattice QCD. <i>Physical Review D</i> , 2018 , 98,	4.9	40
129	Quark contribution to the proton spin from 2+1+1-flavor lattice QCD. <i>Physical Review D</i> , 2018 , 98,	4.9	16
128	Isovector charges of the nucleon from 2+1+1-flavor lattice QCD. <i>Physical Review D</i> , 2018 , 98,	4.9	53
127	Tracking HIV-1 recombination to resolve its contribution to HIV-1 evolution in natural infection. <i>Nature Communications</i> , 2018 , 9, 1928	17.4	46
126	Studying language evolution in the age of big data. <i>Journal of Language Evolution</i> , 2018 , 3, 94-129	1.4	4
125	The Emergence of Life as a First-Order Phase Transition. <i>Astrobiology</i> , 2017 , 17, 266-276	3.7	16
124	A strongly selected mutation in the HIV-1 genome is independent of T cell responses and neutralizing antibodies. <i>Retrovirology</i> , 2017 , 14, 46	3.6	2
123	The Contribution of Novel CP Violating Operators to the nEDM using Lattice QCD. <i>EPJ Web of Conferences</i> , 2017 , 137, 08007	0.3	
122	Kinship structures create persistent channels for language transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12910-12915	11.5	9
121	Isovector charges of the nucleon from 2+1-flavor QCD with clover fermions. <i>Physical Review D</i> , 2017 , 95,	4.9	31

120	Nucleon transverse momentum-dependent parton distributions in lattice QCD: Renormalization patterns and discretization effects. <i>Physical Review D</i> , 2017 , 96,	4.9	32
119	Axial-vector form factors of the nucleon from lattice QCD. <i>Physical Review D</i> , 2017 , 96,	4.9	47
118	Controlling excited-state contamination in nucleon matrix elements. <i>Physical Review D</i> , 2016 , 93,	4.9	24
117	Worldline approach for numerical computation of electromagnetic Casimir energies: Scalar field coupled to magnetodielectric media. <i>Physical Review A</i> , 2016 , 94,	2.6	1
116	Axial, scalar, and tensor charges of the nucleon from 2+1+1-flavor Lattice QCD. <i>Physical Review D</i> , 2016 , 94,	4.9	80
115	On the universal structure of human lexical semantics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1766-71	11.5	42
114	Single-Genome Sequencing of Hepatitis C Virus in Donor-Recipient Pairs Distinguishes Modes and Models of Virus Transmission and Early Diversification. <i>Journal of Virology</i> , 2016 , 90, 152-66	6.6	16
113	Optimal Combinations of Broadly Neutralizing Antibodies for Prevention and Treatment of HIV-1 Clade C Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005520	7.6	106
112	Transmission of Multiple HIV-1 Subtype C Transmitted/founder Viruses into the Same Recipients Was not Determined by Modest Phenotypic Differences. <i>Scientific Reports</i> , 2016 , 6, 38130	4.9	14
111	A likelihood ratio anomaly detector for identifying within-perimeter computer network attacks. <i>Journal of Network and Computer Applications</i> , 2016 , 66, 166-179	7.9	8
110	Isovector and isoscalar tensor charges of the nucleon from lattice QCD. <i>Physical Review D</i> , 2015 , 92,	4.9	63
109	Dimension-5 CP-odd operators: QCD mixing and renormalization. <i>Physical Review D</i> , 2015 , 92,	4.9	21
108	Neutron Electric Dipole Moment and Tensor Charges from Lattice QCD. <i>Physical Review Letters</i> , 2015 , 115, 212002	7.4	82
107	Longitudinal Antigenic Sequences and Sites from Intra-Host Evolution (LASSIE) Identifies Immune-Selected HIV Variants. <i>Viruses</i> , 2015 , 7, 5443-75	6.2	20
106	Detecting regular sound changes in linguistics as events of concerted evolution. <i>Current Biology</i> , 2015 , 25, 1-9	6.3	372
105	Equation of state in (2+1)-flavor QCD. <i>Physical Review D</i> , 2014 , 90,	4.9	509
104	QCD phase transition with chiral quarks and physical quark masses. <i>Physical Review Letters</i> , 2014 , 113, 082001	7.4	226
103	Impact of clade, geography, and age of the epidemic on HIV-1 neutralization by antibodies. <i>Journal of Virology</i> , 2014 , 88, 12623-43	6.6	59

102	Nucleon charges and electromagnetic form factors from 2+1+1-flavor lattice QCD. <i>Physical Review D</i> , 2014 , 89,	4.9	78
101	Reversion and T cell escape mutations compensate the fitness loss of a CD8+ T cell escape mutant in their cognate transmitted/founder virus. <i>PLoS ONE</i> , 2014 , 9, e102734	3.7	8
100	Preexisting compensatory amino acids compromise fitness costs of a HIV-1 T cell escape mutation. <i>Retrovirology</i> , 2014 , 11, 101	3.6	11
99	Human APOBEC3 induced mutation of human immunodeficiency virus type-1 contributes to adaptation and evolution in natural infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004281	7.6	65
98	The QCD equation of state. <i>Nuclear Physics A</i> , 2014 , 931, 867-871	1.3	4
97	Modeling sequence evolution in HIV-1 infection with recombination. <i>Journal of Theoretical Biology</i> , 2013 , 329, 82-93	2.3	6
96	Evolutionary dynamics and information hierarchies in biological systems. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1305, 1-17	6.5	4
95	Molecular mechanisms of HIV type 1 prophylaxis failure revealed by single-genome sequencing. <i>Journal of Infectious Diseases</i> , 2013 , 208, 1598-603	7	10
94	A note on two-sample tests for comparing intra-individual genetic sequence diversity between populations. <i>Biometrics</i> , 2012 , 68, 1323-6; author reply 1326	1.8	9
93	Probing novel scalar and tensor interactions from (ultra)cold neutrons to the LHC. <i>Physical Review D</i> , 2012 , 85,	4.9	153
92	Impact of immune escape mutations on HIV-1 fitness in the context of the cognate transmitted/founder genome. <i>Retrovirology</i> , 2012 , 9, 89	3.6	40
91	Quantifying the diversification of hepatitis C virus (HCV) during primary infection: estimates of the in vivo mutation rate. <i>PLoS Pathogens</i> , 2012 , 8, e1002881	7.6	118
90	Elucidation of hepatitis C virus transmission and early diversification by single genome sequencing. <i>PLoS Pathogens</i> , 2012 , 8, e1002880	7.6	67
89	Chiral transition and U(1) _A symmetry restoration from lattice QCD using domain wall fermions. <i>Physical Review D</i> , 2012 , 86,	4.9	51
88	Fluctuations and correlations of net baryon number, electric charge, and strangeness: A comparison of lattice QCD results with the hadron resonance gas model. <i>Physical Review D</i> , 2012 , 86,	4.9	175
87	Chiral and deconfinement aspects of the QCD transition. <i>Physical Review D</i> , 2012 , 85,	4.9	603
86	Greenbergian universals, diachrony, and statistical analyses. <i>Linguistic Typology</i> , 2011 , 15,	1.1	9
85	Epitope-specific CD8+ T lymphocytes cross-recognize mutant simian immunodeficiency virus (SIV) sequences but fail to contain very early evolution and eventual fixation of epitope escape mutations during SIV infection. <i>Journal of Virology</i> , 2011 , 85, 3746-57	6.6	32

84	Geographical distribution of phonological complexity. <i>Linguistic Typology</i> , 2011 , 15,	1.1	22
83	Role of donor genital tract HIV-1 diversity in the transmission bottleneck. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E1156-63	11.5	88
82	Genital tract sequestration of SIV following acute infection. <i>PLoS Pathogens</i> , 2011 , 7, e1001293	7.6	16
81	Recurrent signature patterns in HIV-1 B clade envelope glycoproteins associated with either early or chronic infections. <i>PLoS Pathogens</i> , 2011 , 7, e1002209	7.6	104
80	A signature in HIV-1 envelope leader peptide associated with transition from acute to chronic infection impacts envelope processing and infectivity. <i>PLoS ONE</i> , 2011 , 6, e23673	3.7	46
79	Human APOBEC3G-mediated editing can promote HIV-1 sequence diversification and accelerate adaptation to selective pressure. <i>Journal of Virology</i> , 2010 , 84, 10402-5	6.6	90
78	Breadth of human immunodeficiency virus-specific neutralizing activity in sera: clustering analysis and association with clinical variables. <i>Journal of Virology</i> , 2010 , 84, 1631-6	6.6	258
77	High Multiplicity Infection by HIV-1 in Men Who Have Sex with Men. <i>PLoS Pathogens</i> , 2010 , 6, e1000890	7.6	219
76	Genetic signatures in the envelope glycoproteins of HIV-1 that associate with broadly neutralizing antibodies. <i>PLoS Computational Biology</i> , 2010 , 6, e1000955	5	71
75	Tiered categorization of a diverse panel of HIV-1 Env pseudoviruses for assessment of neutralizing antibodies. <i>Journal of Virology</i> , 2010 , 84, 1439-52	6.6	514
74	Absence of xenotropic murine leukemia virus-related virus in blood cells of men at risk for and infected with HIV. <i>Aids</i> , 2010 , 24, 1784-5	3.5	18
73	Estimating time since infection in early homogeneous HIV-1 samples using a poisson model. <i>BMC Bioinformatics</i> , 2010 , 11, 532	3.6	71
72	Transmission of single HIV-1 genomes and dynamics of early immune escape revealed by ultra-deep sequencing. <i>PLoS ONE</i> , 2010 , 5, e12303	3.7	234
71	The first T cell response to transmitted/founder virus contributes to the control of acute viremia in HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1253-72	16.6	500
70	Quantitating the multiplicity of infection with human immunodeficiency virus type 1 subtype C reveals a non-poisson distribution of transmitted variants. <i>Journal of Virology</i> , 2009 , 83, 3556-67	6.6	306
69	HIV evolution in early infection: selection pressures, patterns of insertion and deletion, and the impact of APOBEC. <i>PLoS Pathogens</i> , 2009 , 5, e1000414	7.6	146
68	Low-dose rectal inoculation of rhesus macaques by SIVsmE660 or SIVmac251 recapitulates human mucosal infection by HIV-1. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1117-34	16.6	257
67	Quantitating the Multiplicity of Infection with Human Immunodeficiency Virus Type 1 Subtype C Reveals a Non-Poisson Distribution of Transmitted Variants. <i>Journal of Virology</i> , 2009 , 83, 6974-6974	6.6	3

66	Highly complex neutralization determinants on a monophyletic lineage of newly transmitted subtype C HIV-1 Env clones from India. <i>Virology</i> , 2009 , 385, 505-20	3.6	71
65	Modeling sequence evolution in acute HIV-1 infection. <i>Journal of Theoretical Biology</i> , 2009 , 261, 341-60	2.3	128
64	The HLA-B/-C haplotype block contains major determinants for host control of HIV. <i>Genes and Immunity</i> , 2009 , 10, 673-7	4.4	21
63	CCL3L1 and HIV/AIDS susceptibility. <i>Nature Medicine</i> , 2009 , 15, 1112-5	50.5	57
62	Genetic identity, biological phenotype, and evolutionary pathways of transmitted/founder viruses in acute and early HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1273-89	16.6	600
61	Equation of state and QCD transition at finite temperature. <i>Physical Review D</i> , 2009 , 80,	4.9	381
60	Identification and characterization of transmitted and early founder virus envelopes in primary HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7552-7	11.5	1472
59	HLA class I-driven evolution of human immunodeficiency virus type 1 subtype c proteome: immune escape and viral load. <i>Journal of Virology</i> , 2008 , 82, 6434-46	6.6	115
58	Web-based design and evaluation of T-cell vaccine candidates. <i>Bioinformatics</i> , 2008 , 24, 1639-40	7.2	42
57	Human leukocyte antigen-associated sequence polymorphisms in hepatitis C virus reveal reproducible immune responses and constraints on viral evolution. <i>Hepatology</i> , 2007 , 46, 339-49	11.2	85
56	Polyvalent vaccines for optimal coverage of potential T-cell epitopes in global HIV-1 variants. <i>Nature Medicine</i> , 2007 , 13, 100-6	50.5	338
55	Extensive intrasubtype recombination in South African human immunodeficiency virus type 1 subtype C infections. <i>Journal of Virology</i> , 2007 , 81, 4492-500	6.6	55
54	Evidence of differential HLA class I-mediated viral evolution in functional and accessory/regulatory genes of HIV-1. <i>PLoS Pathogens</i> , 2007 , 3, e94	7.6	139
53	Founder effects in the assessment of HIV polymorphisms and HLA allele associations. <i>Science</i> , 2007 , 315, 1583-6	33.3	213
52	Clade-specific differences between human immunodeficiency virus type 1 clades B and C: diversity and correlations in C3-V4 regions of gp120. <i>Journal of Virology</i> , 2007 , 81, 4886-91	6.6	58
51	Feedback cooling of atomic motion in cavity QED. <i>Physical Review A</i> , 2006 , 74,	2.6	35
50	Scaling behavior of discretization errors in renormalization and improvement constants. <i>Physical Review D</i> , 2006 , 73,	4.9	6
49	Improved bilinears in lattice QCD with nondegenerate quarks. <i>Physical Review D</i> , 2006 , 73,	4.9	46

48	Chiral lattice gauge theories from warped domain walls and Ginsparg-Wilson fermions. <i>Physical Review D</i> , 2006 , 74,	4.9	19
47	Testing improved staggered fermions with ms and BK. <i>Physical Review D</i> , 2005 , 71,	4.9	9
46	Chaos and quantum mechanics. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1045, 308-32	6.5	4
45	Warped domain wall fermions. <i>Journal of High Energy Physics</i> , 2005 , 2005, 061-061	5.4	8
44	Quantum feedback control of atomic motion in an optical cavity. <i>Physical Review Letters</i> , 2004 , 92, 223004	7.4	86
43	Transition to classical chaos in a coupled quantum system through continuous measurement. <i>Physical Review A</i> , 2004 , 69,	2.6	26
42	Improved bilinears in unquenched lattice QCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 129-130, 441-443		1
41	Recovering classical dynamics from coupled quantum systems through continuous measurement. <i>Physical Review A</i> , 2003 , 67,	2.6	15
40	Continuous quantum measurement and the quantum to classical transition. <i>Physical Review A</i> , 2003 , 67,	2.6	35
39	Scaling behavior of improvement and renormalization constants. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 106-107, 789-791		16
38	ϵ -function-kicked rotor: Momentum diffusion and the quantum-classical boundary. <i>Physical Review A</i> , 2002 , 65,	2.6	11
37	Diversity considerations in HIV-1 vaccine selection. <i>Science</i> , 2002 , 296, 2354-60	33.3	660
36	Improvement and renormalization constants in O(a) improved lattice QCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001 , 94, 599-602		
35	Using human immunodeficiency virus type 1 sequences to infer historical features of the acquired immune deficiency syndrome epidemic and human immunodeficiency virus evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001 , 356, 855-66	5.8	54
34	Order a improved renormalization constants. <i>Physical Review D</i> , 2001 , 63,	4.9	54
33	Fixed-point pure gauge action using $b = \beta$ RGT. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 83-84, 860-862		3
32	Continuous quantum measurement and the emergence of classical chaos. <i>Physical Review Letters</i> , 2000 , 85, 4852-5	7.4	98
31	Heavy-light mesons and baryons with b quarks. <i>Physical Review D</i> , 2000 , 62,	4.9	55

30	Gravitationally induced neutrino oscillation phases in static spacetimes. <i>Physical Review D</i> , 1999 , 59,	4.9	48
29	Non-perturbative renormalization constants using Ward identities. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 73, 276-278		2
28	fB and fBs using NRQCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 73, 369-371		
27	Non-perturbative renormalization constants using Ward identities. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 79-88	4.2	29
26	Extraction of light quark masses from sum rule analyses of axial vector and vector current Ward identities. <i>Physical Review D</i> , 1998 , 57, 5455-5467	4.9	12
25	Matrix elements of four-fermion operators with quenched Wilson fermions. <i>Physical Review D</i> , 1997 , 55, 4036-4054	4.9	82
24	Light quark masses from lattice QCD. <i>Physical Review D</i> , 1997 , 55, 7203-7217	4.9	50
23	B and Bc mesons with NRQCD and Clover actions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 53, 368-373		3
22	Status report on weak matrix element calculations. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 47, 473-480		
21	Lattice analysis of semi-leptonic form factors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 47, 481-484		9
20	Testing the chiral behavior of the hadron spectrum. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 47, 549-552		1
19	Hadron spectrum with Wilson fermions. <i>Physical Review D</i> , 1996 , 53, 6486-6508	4.9	45
18	Decay constants with Wilson fermions at beta =6.0. <i>Physical Review D</i> , 1996 , 54, 1155-1166	4.9	10
17	Phenomenology from 100 large lattices. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995 , 42, 935-941		13
16	A pot-pourri of results in QCD from large lattice simulations on the CM5. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1994 , 34, 341-346		2
15	The Free Energy of the Potts Model: From the Continuous to the First-Order Transition Region. <i>Europhysics Letters</i> , 1993 , 23, 547-552	1.6	15
14	Particles near threshold. <i>Physical Review D</i> , 1993 , 47, 4022-4027	4.9	37
13	Z(N) interface tension in a hot SU(N) gauge theory. <i>Nuclear Physics B</i> , 1992 , 383, 497-524	2.8	90

12	Interface tension in an SU(N) gauge theory at high temperature. <i>Physical Review Letters</i> , 1991 , 66, 998-1000		92
11	Tree unitarity in broken supergravity. <i>Nuclear Physics B</i> , 1989 , 328, 469-480	2.8	13
10	Tree unitarity in broken supergravity. <i>Nuclear Physics B</i> , 1989 , 328, 481-498	2.8	14
9	Unitarity limit on the gaugino-gravitino mass ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 206, 655-660	4.2	29
8	Role of chiral scalar and pseudoscalar in two-photon production of a superlight gravitino. <i>Physical Review D</i> , 1988 , 38, 2284-2287	4.9	30
7	Probing a Superlight Gravitino in Photon-Photon Collisions.. <i>Physical Review Letters</i> , 1988 , 60, 1455-1457	7.4	9
6	Probing a superlight gravitino in photon-photon collisions. <i>Physical Review Letters</i> , 1987 , 59, 1517-1520	7.4	24
5	Constraint on unstable photino mass from a superlight gravitino 1987 , 28, L699-L703		
4	The Gel'fand realization and the exceptional representations of SL(2,R). <i>Journal of Mathematical Physics</i> , 1985 , 26, 12-17	1.2	2
3	On Mixup Training: Improved Calibration and Predictive Uncertainty for Deep Neural Networks		45
2	Spike mutation pipeline reveals the emergence of a more transmissible form of SARS-CoV-2		229
1	Recombination and low-diversity confound homoplasy-based methods to detect the effect of SARS-CoV-2 mutations on viral transmissibility		1