

Shunsuke Teraguchi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

872
citations

623734

14
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	The I κ B kinase complex regulates the stability of cytokine-encoding mRNA induced by TLR ϵ -IL-1R by controlling degradation of regnase-1. <i>Nature Immunology</i> , 2011, 12, 1167-1175.	14.5	261
2	Community-wide evaluation of methods for predicting the effect of mutations on protein-protein interactions. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1980-1987.	2.6	87
3	Immuno-Navigator, a batch-corrected coexpression database, reveals cell type-specific gene networks in the immune system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2393-402.	7.1	58
4	Drag force, jet quenching, and an AdS/QCD model. <i>Physical Review D</i> , 2007, 75, .	4.7	47
5	Solving all 4-point correlation functions for bosonic open string theory in the high-energy limit. <i>Nuclear Physics B</i> , 2005, 725, 352-382.	2.5	41
6	A rare subset of skin-tropic regulatory T cells expressing Il10/Gzmb inhibits the cutaneous immune response. <i>Scientific Reports</i> , 2016, 6, 35002.	3.3	36
7	Flexible, Functional, and Familiar: Characteristics of SARS-CoV-2 Spike Protein Evolution. <i>Frontiers in Microbiology</i> , 2020, 11, 2112.	3.5	35
8	High-Energy Zero-Norm States and Symmetries of String Theory. <i>Physical Review Letters</i> , 2006, 96, 171601.	7.8	34
9	Exact Results on Twist Anomaly. <i>Journal of High Energy Physics</i> , 2002, 2002, 036-036.	4.7	33
10	Test of the absence of kinetic terms around the tachyon vacuum in cubic string field theory. <i>Journal of High Energy Physics</i> , 2001, 2001, 045-045.	4.7	25
11	Methods for sequence and structural analysis of B and T cell receptor repertoires. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2000-2011.	4.1	25
12	Intrinsic Disorder Mediates Cooperative Signal Transduction in STIM1. <i>Journal of Molecular Biology</i> , 2014, 426, 2082-2097.	4.2	24
13	Systems biology approaches to toll ϵ -like receptor signaling. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2012, 4, 497-507.	6.6	17
14	E6grand unified theory with three generations from heterotic string theory. <i>Physical Review D</i> , 2011, 83, .	4.7	16
15	Genome-wide map of RNA degradation kinetics patterns in dendritic cells after LPS stimulation facilitates identification of primary sequence and secondary structure motifs in mRNAs. <i>BMC Genomics</i> , 2016, 17, 1032.	2.8	15
16	Structural Modeling of Lymphocyte Receptors and Their Antigens. <i>Methods in Molecular Biology</i> , 2019, 2048, 207-229.	0.9	14
17	Comments on the high energy limit of bosonic open string theory. <i>Nuclear Physics B</i> , 2006, 749, 266-279.	2.5	13
18	Heterotic E 6 GUTs and partition functions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	12

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19	Functional clustering of B cell receptors using sequence and structural features. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 769-778.	3.4	11
20	Twist field as three string interaction vertex in light-cone string field theory. <i>Nuclear Physics B</i> , 2006, 744, 221-237.	2.5	9
21	Intrinsically disordered domains deviate significantly from random sequences in mammalian proteins. <i>BMC Bioinformatics</i> , 2010, 11, S7.	2.6	9
22	Identification of a two-SNP PLA2R1 Haplotype and HLA-DRB1 Alleles as Primary Risk Associations in Idiopathic Membranous Nephropathy. <i>Scientific Reports</i> , 2018, 8, 15576.	3.3	8
23	Unbiased integration of single cell transcriptome replicates. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqac022.	3.2	8
24	Theoretical modeling reveals that regulatory T cells increase T-cell interaction with antigen-presenting cells for stable immune tolerance. <i>International Immunology</i> , 2019, 31, 743-753.	4.0	6
25	Stochastic binary modeling of cells in continuous time as an alternative to biochemical reaction equations. <i>Physical Review E</i> , 2011, 84, 062903.	2.1	4
26	A Parzen window-based approach for the detection of locally enriched transcription factor binding sites. <i>BMC Bioinformatics</i> , 2013, 14, 26.	2.6	4
27	Mapping circulating serum miRNAs to their immune-related target mRNAs. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2017, Volume 10, 1-9.	2.6	4
28	Reformulation of boundary string field theory in terms of boundary state. <i>Journal of High Energy Physics</i> , 2007, 2007, 017-017.	4.7	3
29	On the general action of boundary (super)string field theory. <i>Journal of High Energy Physics</i> , 2008, 2008, 020-020.	4.7	3
30	Genomic Heritabilities and Correlations of 17 Traits Related to Obesity and Associated Conditions in the Japanese Population. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2221-2228.	1.8	3
31	Zero-norm states and stringy symmetries. <i>Journal of Physics: Conference Series</i> , 2006, 33, 367-372.	0.4	2
32	Dynamics of enhancers in myeloid antigen presenting cells upon LPS stimulation. <i>BMC Genomics</i> , 2014, 15, S4.	2.8	2
33	On open-closed extension of boundary string field theory. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	1
34	Estimation of diffusion constants from single molecular measurement without explicit tracking. <i>BMC Systems Biology</i> , 2018, 12, 15.	3.0	1
35	FUNCTIONAL ANNOTATION OF INTRINSICALLY DISORDERED DOMAINS BY THEIR AMINO ACID CONTENT USING IDD NAVIGATOR. , 2011, , .		1
36	REFORMULATION OF BOUNDARY STRING FIELD THEORY IN TERMS OF BOUNDARY STATE. <i>International Journal of Modern Physics A</i> , 2008, 23, 2281-2282.	1.5	0