

Tadashi Ishikawa

List of Publications by Year in descending order

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papers

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all docs

30
docs citations

30
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Computation of Cross Sections in HEP. Progress of Theoretical Physics Supplement, 2000, 138, 18-23.	0.1	90
2	GRACE/SUSY: Automatic generation of tree amplitudes in the minimal supersymmetric standard model. Computer Physics Communications, 2003, 153, 106-134.	7.5	35
3	Two-body and three-body decays of charginos in one-loop order in the MSSM. Physical Review D, 2007, 75, .	4.7	24
4	Numerical computation of two-loop box diagrams with masses. Computer Physics Communications, 2012, 183, 2136-2144.	7.5	23
5	Quadpack computation of Feynman loop integrals. Journal of Computational Science, 2012, 3, 102-112.	2.9	21
6	GR@PPA_4b: A four bottom quark production event generator for collisions. Computer Physics Communications, 2003, 151, 216-240.	7.5	14
7	Numerical calculation of the full two-loop electroweak corrections to muon (μ) lifetime. Physical Review D, 2010, 82, .	4.7	12
8	PVM-GRACE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 389, 77-80.	1.6	10
9	Application of GRAPE9-MPX for High Precision Calculation in Particle Physics and Performance Results. Procedia Computer Science, 2015, 51, 1323-1332.	2.0	9
10	Implementation of low communication frequency 3D FFT algorithm for ultra-large-scale micromagnetics simulation. Computer Physics Communications, 2016, 207, 217-220.	7.5	9
11	Large-Scale Micromagnetics Simulation of Magnetization Dynamics in a Permanent Magnet during the Initial Magnetization Process. Physical Review Applied, 2019, 11, .	3.8	9
12	Large-scale micromagnetics simulations with dipolar interaction using all-to-all communications. AIP Advances, 2016, 6, 056405.	1.3	9
13	Three-Dimensional Large-Scale Micromagnetics Simulation Using Fast Fourier Transformation. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	7
14	Transformation, Reduction and Extrapolation Techniques for Feynman Loop Integrals. Lecture Notes in Computer Science, 2010, , 139-154.	1.3	7
15	GRAPE-MP: An SIMD Accelerator Board for Multi-precision Arithmetic. Procedia Computer Science, 2011, 4, 878-887.	2.0	6
16	Micromagnetic simulation for the magnetization reversal process of Nd-Fe-B hot-deformed nanocrystalline permanent magnets. AIP Advances, 2017, 7, 056234.	1.3	6
17	Effect of grain boundary phase on the magnetization reversal process of nanocrystalline magnet using large-scale micromagnetic simulation. AIP Advances, 2018, 8, .	1.3	6
18	Relationship between magnetic nucleation and the microstructure of a hot-deformed permanent magnet: micromagnetic simulation. NPG Asia Materials, 2020, 12, .	7.9	6

#	ARTICLE	IF	CITATIONS
19	Magnetization reversal processes of isotropic permanent magnets with various inter-grain exchange interactions. AIP Advances, 2017, 7, 056224.	1.3	5
20	One loop effects of natural SUSY in third generation fermion production at the ILC. Progress of Theoretical and Experimental Physics, 2017, 2017, .	6.6	5
21	GRAPE-MPs: Implementation of an SIMD for Quadruple/Hexuple/Octuple-Precision Arithmetic Operation on a Structured ASIC and an FPGA. , 2012, , .		4
22	SPIN AND SPIN ² SPIN CORRELATIONS IN CHARGINO PAIR PRODUCTION AT FUTURE LINEAR e ⁺ e ⁻ COLLIDERS. International Journal of Modern Physics A, 1999, 14, 5075-5092.	1.5	3
23	: Event generator for the single- and double-photon emission associated with neutrino pair-production. Computer Physics Communications, 2001, 136, 250-268.	7.5	3
24	New Results from GRACE/SUSY at 1-loop. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 157-161.	0.4	3
25	Adaptive Integration and Singular Boundary Transformations. Procedia Computer Science, 2016, 80, 1428-1438.	2.0	3
26	Automatic calculation of two-loop ELWK corrections to the muon (g-2). Journal of Physics: Conference Series, 2017, 920, 012009.	0.4	2
27	Design and Preliminary Evaluation of Omni OpenACC Compiler for Massive MIMD Processor PEZY-SC. Lecture Notes in Computer Science, 2016, , 293-305.	1.3	2
28	High Performance High-Precision Floating-Point Operations on FPGAs Using OpenCL. , 2018, , .		1
29	One-loop effects of Minimal Supersymmetric Standard Model particles in $e^+e^- \rightarrow Zh$ and $e^+e^- \rightarrow \mu^+\mu^-h$ at the International Linear Collider. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	1
30	1-loop effects of MSSM particles in Higgs productions at the ILC. Journal of Physics: Conference Series, 2017, 920, 012010.	0.4	0