Shogo Nakamura

List of Publications by Year
in descending order

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Version: 2024-02-01

26 papers	937 citations	687363 13 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1107 citing authors

#	Article	IF	Citations
1	Design and development of a polarization modulator unit based on a continuous rotating half-wave plate for LiteBIRD. , 2018, , .		8
2	High-accuracy measurement of the emission spectrum of liquid xenon in the vacuum ultraviolet region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 293-297.	1.6	44
3	Search for inelastic WIMP nucleus scattering on 129Xe in data from the XMASS-I experiment. Progress of Theoretical and Experimental Physics, 2014, 2014, 63C01-0.	6.6	23
4	Time profile of the scintillation from liquid and gaseous xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 533-537.	1.6	5
5	Mission Design of LiteBIRD. Journal of Low Temperature Physics, 2014, 176, 733-740.	1.4	300
6	Light WIMP search in XMASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 78-82.	4.1	43
7	XMASS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 716, 78-85.	1.6	115
8	LiteBIRD: a small satellite for the study of B-mode polarization and inflation from cosmic background radiation detection. Proceedings of SPIE, 2012, , .	0.8	54
9	Self-shielding effect of a single phase liquid xenon detector for direct dark matter search. Astroparticle Physics, 2012, 35, 609-614.	4.3	5
10	Radon removal from gaseous xenon with activated charcoal. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, 50-57.	1.6	27
11	Scintillation-only based pulse shape discrimination for nuclear and electron recoils in liquid xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 161-168.	1.6	20
12	Distillation of liquid xenon to remove krypton. Astroparticle Physics, 2009, 31, 290-296.	4.3	74
13	Scintillation yield of liquid xenon at room temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 148-154.	1.6	5
14	A novel multi-collimator using BP-1 glass and an application for X-ray CCDs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 236-239.	1.6	2
15	Beam Test of Multi-Bunch Energy Compensation System in the Accelerator Test Facility at KEK. Japanese Journal of Applied Physics, 2004, 43, 5617-5622.	1.5	7
16	Experimental bounds on masses and fluxes of nontopological solitons. Physical Review D, 2000, 62, .	4.7	39
17	Constraints on dilepton mass from low energy muon experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 342-344.	4.1	26
18	A new limit on the flux of strange matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 529-533.	4.1	19

#	Article	IF	Citations
19	Search for supermassive relics with a 2000-m2array of plastic track detectors. Physical Review Letters, 1991, 66, 1951-1954.	7.8	80
20	A large etching system for a plastic track detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 286, 323-326.	1.6	2
21	CR-39 detector and experimental techniques of cosmic supermassive particles search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 286, 327-333.	1.6	7
22	Characteristics of CR-39 doped with chlorinated compounds. Nuclear Instruments & Methods in Physics Research B, 1988, 30, 540-545.	1.4	3
23	CR-39 plastic for massive magnetic monopole search. Nuclear Instruments & Methods in Physics Research B, 1988, 34, 81-88.	1.4	10
24	Limits on the Flux of Supermassive Relics. Europhysics Letters, 1987, 3, 39-44.	2.0	2
25	Search for supermassive relics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 183, 395-399.	4.1	12
26	Search for massive magnetic monopoles using plastic track detectors characteristics of CR-39 plastic for detecting monopoles. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1984, 8, 609-615.	0.3	5