

# Shogo Nakamura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8580084/publications.pdf>

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	Mission Design of LiteBIRD. Journal of Low Temperature Physics, 2014, 176, 733-740.	1.4	300
2	XMASS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 716, 78-85.	1.6	115
3	Search for supermassive relics with a 2000-m <sup>2</sup> array of plastic track detectors. Physical Review Letters, 1991, 66, 1951-1954.	7.8	80
4	Distillation of liquid xenon to remove krypton. Astroparticle Physics, 2009, 31, 290-296.	4.3	74
5	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
6	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
7	Light WIMP search in XMASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 78-82.	4.1	43
8	Experimental bounds on masses and fluxes of nontopological solitons. Physical Review D, 2000, 62, .	4.7	39
9	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
10	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
11	Search for inelastic WIMP nucleus scattering on <sup>129</sup> Xe in data from the XMASS-I experiment. Progress of Theoretical and Experimental Physics, 2014, 2014, 63C01-0.	6.6	23
12	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
13	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
14	Search for supermassive relics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 183, 395-399.	4.1	12
15	CR-39 plastic for massive magnetic monopole search. Nuclear Instruments & Methods in Physics Research B, 1988, 34, 81-88.	1.4	10
16	Design and development of a polarization modulator unit based on a continuous rotating half-wave plate for LiteBIRD. , 2018, , .		8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Self-shielding effect of a single phase liquid xenon detector for direct dark matter search. Astroparticle Physics, 2012, 35, 609-614.	4.3	5
22	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
23	Characteristics of CR-39 doped with chlorinated compounds. Nuclear Instruments & Methods in Physics Research B, 1988, 30, 540-545.	1.4	3
24	Limits on the Flux of Supermassive Relics. Europhysics Letters, 1987, 3, 39-44.	2.0	2
25	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
26	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