

Shuhe Obara

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,169
citations

840776

11
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

1537
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for Majorana Neutrinos Near the Inverted Mass Hierarchy Region with KamLAND-Zen. Physical Review Letters, 2016, 117, 082503.	7.8	672
2	KamLAND SENSITIVITY TO NEUTRINOS FROM PRE-SUPERNOVA STARS. Astrophysical Journal, 2016, 818, 91.	4.5	49
3	Precision Analysis of the $\langle \mathbb{P} \rangle$ Spectrum in KamLAND-Zen and Its Two-Neutrino $\langle \mathbb{P} \rangle$ Spectrum in KamLAND-Zen and Its	7.8	48
4	Search for double-beta decay of ^{136}Xe to excited states of ^{136}Ba with the KamLAND-Zen experiment. Nuclear Physics A, 2016, 946, 171-181.	1.5	33
5	Results from KamLAND-Zen. AIP Conference Proceedings, 2015, , .	0.4	26
6	Limits on Astrophysical Antineutrinos with the KamLAND Experiment. Astrophysical Journal, 2022, 925, 14.	4.5	22
7	A SEARCH FOR ELECTRON ANTINEUTRINOS ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226 USING KAMLAND. Astrophysical Journal Letters, 2016, 829, L34.	8.3	21
8	Status of balloon production for KamLAND-Zen 800 kg phase. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 410-413.	1.6	14
9	STUDY OF ELECTRON ANTI-NEUTRINOS ASSOCIATED WITH GAMMA-RAY BURSTS USING KamLAND. Astrophysical Journal, 2015, 806, 87.	4.5	12
10	Search for Low-energy Electron Antineutrinos in KamLAND Associated with Gravitational Wave Events. Astrophysical Journal, 2021, 909, 116.	4.5	12
11	Search for the proton decay mode $p \rightarrow \bar{\nu}_e e$ with KamLAND. Physical Review D, 2015, 92, .	4.7	11
12	The nylon balloon for xenon loaded liquid scintillator in KamLAND-Zen 800 neutrinoless double-beta decay search experiment. Journal of Instrumentation, 2021, 16, P08023.	1.2	11
13	Scintillation balloon for neutrinoless double-beta decay search with liquid scintillator detectors. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	7
14	AXEL: High-pressure Xe gas TPC for BG-free ^{136}Xe decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162803.	4.0	6
15	Design and performance of a high-pressure xenon gas TPC as a prototype for a large-scale neutrinoless double-beta decay search. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	2
16	Front-End Electronics for the SiPM-Readout Gaseous TPC for Neutrinoless Double-Beta Decay Search. IEEE Transactions on Nuclear Science, 2020, 67, 1772-1776.	2.0	2
17	A Search for Correlated Low-energy Electron Antineutrinos in KamLAND with Gamma-Ray Bursts. Astrophysical Journal, 2022, 927, 69.	4.5	2
18	Scintillation balloon for liquid scintillator base Neutrinoless double beta decay search experiments. Journal of Physics: Conference Series, 2020, 1468, 012136.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Search for Solar Flare Neutrinos with the KamLAND Detector. <i>Astrophysical Journal</i> , 2022, 924, 103.	4.5	1
20	Drift field generation with Cockcroft-Walton voltage multiplier in xenon gas for AXEL $\text{O}\nu\hat{2}\hat{1}^2$ search detector. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012151.	0.4	0
21	Inner balloon production for KamLAND-Zen 800. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012145.	0.4	0
22	Search for Supernova Relic Neutrinos at KamLAND. <i>Journal of Physics: Conference Series</i> , 2021, 2156, 012138.	0.4	0