

# Alexandre Kozlov

## List of Publications by Year in descending order

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61  
papers

8,070  
citations

186265

28  
h-index

123424

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g-index

63  
all docs

63  
docs citations

63  
times ranked

4979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limits on Astrophysical Antineutrinos with the KamLAND Experiment. <i>Astrophysical Journal</i> , 2022, 925, 14.	4.5	22
2	Search for Solar Flare Neutrinos with the KamLAND Detector. <i>Astrophysical Journal</i> , 2022, 924, 103.	4.5	1
3	Development of highly radiopure NaI(Tl) scintillator for PICOLON dark matter search project. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	14
4	A Passive Shield for the RED-100 Neutrino Detector. <i>Instruments and Experimental Techniques</i> , 2021, 64, 202-208.	0.5	2
5	Search for Low-energy Electron Antineutrinos in KamLAND Associated with Gravitational Wave Events. <i>Astrophysical Journal</i> , 2021, 909, 116.	4.5	12
6	Low-energy astrophysics with KamLAND. , 2021, , .		0
7	The nylon balloon for xenon loaded liquid scintillator in KamLAND-Zen 800 neutrinoless double-beta decay search experiment. <i>Journal of Instrumentation</i> , 2021, 16, P08023.	1.2	11
8	PICOLON dark matter search project. <i>Journal of Physics: Conference Series</i> , 2021, 2156, 012045.	0.4	1
9	Detectors for direct Dark Matter search at KamLAND. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 162239.	1.6	4
10	Purification of the NaI(Tl) crystal for dark matter search project PICOLON. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012054.	0.4	1
11	PICOLON dark matter search Development of highly radio-pure NaI(Tl) scintillator. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012057.	0.4	1
12	Pulsational Pair-instability Supernovae. II. Neutrino Signals from Pulsations and Their Detection by Terrestrial Neutrino Detectors. <i>Astrophysical Journal</i> . 2020, 889, 75.	4.5	8
13	Precision Analysis of the $\langle \text{inlin} \rangle \langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display=}$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Xe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 136 \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Two-Neutrino $\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{display=}$ $\langle \text{mml:math} \rangle$ Spectrum in KamLAND-Zen and Its	7.8	48
14	The Dark Matter search at KamLAND. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012118.	0.4	1
15	A large area detector for thermal neutron flux measurements at the KamLAND site. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 903, 162-169.	1.6	7
16	Dark matter search project PICO-LON. <i>Journal of Physics: Conference Series</i> , 2016, 718, 042022.	0.4	22
17	Search for double-beta decay of $^{136}\text{Xe}$ to excited states of $^{136}\text{Ba}$ with the KamLAND-Zen experiment. <i>Nuclear Physics A</i> , 2016, 946, 171-181.	1.5	33
18	A SEARCH FOR ELECTRON ANTINEUTRINOS ASSOCIATED WITH GRAVITATIONAL-WAVE EVENTS GW150914 AND GW151226 USING KAMLAND. <i>Astrophysical Journal Letters</i> , 2016, 829, L34.	8.3	21



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37	Light output response of KamLAND liquid scintillator for protons and $^{12}\text{C}$ nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 574-582.	1.6	28
38	Production of radioactive isotopes through cosmic muon spallation in KamLAND. Physical Review C, 2010, 81, .	2.9	132
39	The KamLAND full-volume calibration system. Journal of Instrumentation, 2009, 4, P04017-P04017.	1.2	27
40	Precision Measurement of Neutrino Oscillation Parameters with KamLAND. Physical Review Letters, 2008, 100, 221803.	7.8	675
41	Publisher's Note: Precision Measurement of Neutrino Oscillation Parameters with KamLAND [Phys. Rev. Lett. <b>100</b> , 221803 (2008)]. Physical Review Letters, 2008, 101, .	7.8	2
42	Publisher's Note: Precision Measurement of Neutrino Oscillation Parameters with KamLAND [Phys. Rev. Lett. <b>100</b> , 221803 (2008)]. Physical Review Letters, 2008, 101, .	7.8	2
43	Recoil polarization measurements for neutral pion electroproduction at $Q^2=1(\text{GeV}/c)^2$ near the $\rho^0$ resonance. Physical Review C, 2007, 75, .	2.9	34
44	Polarization transfer in the $\text{H}_2(e, e'p^+)$ reaction up to $Q^2=1.61(\text{GeV}/c)^2$ . Physical Review C, 2006, 73, .	2.9	32
45	Search for the Invisible Decay of Neutrons with KamLAND. Physical Review Letters, 2006, 96, 101802.	7.8	50
46	Measurement of Reactor Oscillation with KamLAND. Nuclear Physics, Section B, Proceedings Supplements, 2005, 149, 131-133.	0.4	0
47	Experimental investigation of geologically produced antineutrinos with KamLAND. Nature, 2005, 436, 499-503.	27.8	343
48	Recoil Polarization for $\rho^0$ Excitation in Pion Electroproduction. Physical Review Letters, 2005, 95, 102001.	7.8	56
49	Measurement of Neutrino Oscillation with KamLAND: Evidence of Spectral Distortion. Physical Review Letters, 2005, 94, 081801.	7.8	905
50	Measurement of the Exclusive $\text{H}_3\text{e}(e, e'p)$ Reaction Below the Quasielastic Peak. Physical Review Letters, 2004, 93, 132301.	7.8	5
51	High Sensitivity Search for $^7\text{Be}$ $\nu$ from the Sun and Other Sources at KamLAND. Physical Review Letters, 2004, 92, 071301.	7.8	126
52	First Results from KamLAND: Evidence for Reactor Antineutrino Disappearance. Physical Review Letters, 2003, 90, 021802.	7.8	2,142
53	New empirical fits to the proton electromagnetic form factors. Physical Review C, 2002, 65, .	2.9	86
54	Measurement of $\text{G}_{\text{Ep}}/\text{G}_{\text{Mp}}$ to $Q^2=5.6\text{GeV}^2$ . Physical Review Letters, 2002, 88, 092301.	7.8	588

#	ARTICLE	IF	CITATIONS
55	The horizontal drift chambers for the focal plane proton-polarimeter of the 3-spectrometer setup at MAMI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 726-733.	1.6	9
56	The focal plane proton-polarimeter for the 3-spectrometer setup at MAMI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 713-725.	1.6	25
57	Self energies of the pion and the $\Lambda^{\pi}$ isobar from the ${}^3\text{He}(e, e\pi^+){}^3\text{H}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 67-73.	4.1	7
58	Coherent $\Lambda^0$ threshold production from the deuteron at $Q^2=0.1\text{ÅGeV}^2/c^2$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 238-244.	4.1	12
59	Polarization transfer in the ${}^4\text{HeH}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 47-52.	4.1	120
60	The longitudinal and transverse response of the ${}^4\text{He}(e, e\pi^2p)$ reaction in the dip region. Nuclear Physics A, 2001, 684, 460-463.	1.5	1
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