

# Alexander Olshevskiy

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

4,338  
citations

147801

31  
h-index

155660

55  
g-index

55  
all docs

55  
docs citations

55  
times ranked

7821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Database system for managing 20,000 20-inch PMTs at JUNO. Nuclear Science and Techniques/Hewuli, 2022, 33, .	3.4	6
2	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
3	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
4	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
5	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
6	Tested Performance of JUNO 20-inch PMTs. Journal of Physics: Conference Series, 2020, 1468, 012197.	0.4	2
7	Seasonal variation of the underground cosmic muon flux observed at Daya Bay. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 001-001.	5.4	12
8	Search for a time-varying electron antineutrino signal at Daya Bay. Physical Review D, 2018, 98, .	4.7	15
9	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	7.8	168
10	Cosmogenic neutron production at Daya Bay. Physical Review D, 2018, 97, .	4.7	8
11	<a href="#">New constraints on oscillation parameters from <math>\theta_{12}</math> appearance and <math>\theta_{13}</math> disappearance in the NOvA experiment. Physical Review D, 2018, 98, .</a>	4.7	108
12	Improved measurement of the reactor antineutrino flux and spectrum at Daya Bay. Chinese Physics C, 2017, 41, 013002.	3.7	96
13	Study of the wave packet treatment of neutrino oscillation at Daya Bay. European Physical Journal C, 2017, 77, 1.	3.9	25
14	Search for active-sterile neutrino mixing using neutral-current interactions in NOvA. Physical Review D, 2017, 96, .	4.7	42
15	Measurement of electron antineutrino oscillation based on 1230 days of operation of the Daya Bay experiment. Physical Review D, 2017, 95, .	4.7	118
16	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	7.8	129
17	<a href="#">Measurement of the Neutrino Mixing Angle <math>\theta_{13}</math> in Constraints on Oscillation Parameters from <math>\theta_{12}</math> Appearance and <math>\theta_{13}</math> Disappearance in NOvA. Physical Review Letters, 2017, 118, 231801.</a>	7.8	87
18	<a href="#">Measurement of the Neutrino Mixing Angle <math>\theta_{13}</math> in Constraints on Oscillation Parameters from <math>\theta_{12}</math> Appearance and <math>\theta_{13}</math> Disappearance in NOvA. Physical Review Letters, 2017, 118, 231801.</a>	7.8	138

#	ARTICLE	IF	CITATIONS
19	Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401.	3.6	750
20	Longitudinal double spin asymmetries in single hadron quasi-real photoproduction at high p T. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 573-579.	4.1	5
21	Interplay among transversity induced asymmetries in hadron lepton production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 406-411.	4.1	11
22	Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2016, 117, 151801.	7.8	71
23	Improved Search for a Light Sterile Neutrino with the Full Configuration of the Daya Bay Experiment. Physical Review Letters, 2016, 117, 151802.	7.8	65
24	First measurement of muon-neutrino disappearance in NOvA. Physical Review D, 2016, 93, .	4.7	71
25	First Measurement of Electron Neutrino Appearance in NOvA. Physical Review Letters, 2016, 116, 151806.	7.8	210
26	New measurement of $\lambda_{13}$ via neutron capture on hydrogen at Daya Bay. Physical Review D, 2016, 93, .	4.7	26
27	The design of a photodetector unit of a new Shashlyk AEM calorimeter for COMPASS II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 674-677.	1.6	8
28	The spin structure function $g_1$ of the proton and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 18-28.	4.1	89
29	The detector system of the Daya Bay reactor neutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 811, 133-161.	1.6	75
30	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
31	Observation and measurement of Higgs boson decays to $W^+W^-$ at $\sqrt{s} = 8$ TeV in proton-proton collisions using the ATLAS detector. Physical Review D, 2015, 92, .	4.7	110
32	Discovery of $\bar{\nu}_\mu$ Neutrino Appearance in the CNGS Neutrino Beam with the OPERA Experiment. Physical Review Letters, 2015, 115, 121802.	7.8	132
33	Measurement of the top pair production cross section in 8 TeV proton-proton collisions using kinematic information in the $l^+l^-$ final state with ATLAS. Physical Review Letters, 2015, 115, 111802.	2.9	27
34	Measurement of the production of neighbouring jets in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 376-395.	4.7	26
35	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
36	Measurement of the production of neighbouring jets in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 376-395.	4.7	16

#	ARTICLE	IF	CITATIONS
37	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
38	Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	116
39	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
40	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2015, 75, 158.	3.9	17
41	Measurement of the production and lepton charge asymmetry of $W$ bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	3.9	41
42	Collins and Sivers asymmetries in muon production of pions and kaons off transversely polarised protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 250-259.	4.1	81
43	Measurements of the Nuclear Modification Factor for jets in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	7.8	135
44	Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 112004.	4.7	158
45	Production of $W$ bosons in association with jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	7.8	64
46	Measurement of the transverse polarization of $W$ bosons in association with jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	18
47	Measurement of the production cross sections of $W$ bosons in association with hyperons produced in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
48	Measurements of the $W$ production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
49	Measurement of the inclusive jet cross-section in proton-proton collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ using 4.5 fb <sup>-1</sup> of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
50	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	3.9	23
51	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2015, 75, 303.	3.9	70
52	Observation and measurements of the production of prompt and non-prompt $J/\psi$ mesons in association with a $Z$ boson in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
53	Experimental access to Transition Distribution Amplitudes with the $P_{11}$ ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	2.5	29