# Alexander Olshevskiy

List of Publications by Year
in descending order



| 53 | 4,338 | 147801 31 | 155660 55 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 55 | 55 | 55 | 7821 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401. | 3.6 | 750 |
| 2 | Jet energy measurement and its systematic uncertainty in protonâ€“proton collisions at $$sqrt{s}=7$$ s = 7 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17. | 3.9 | 268 |
| 3 | First Measurement of Electron Neutrino Appearance in NOvA. Physical Review Letters, 2016, 116, 151806. | 7.8 | 210 |
| 4 | New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802. | 7.8 | 176 |
| 5 | Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805. | 7.8 | 168 |
| 6 | Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801. | 7.8 | 161 |
| 7 | Measurements of Higgs boson production and couplings in the four-lepton channel in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math>collisions | 4.7 | 158 |
| 8 | Constraints on Oscillation Parameters from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>Appearance and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math>Disappearance | 7.8 | 138 |
| 9 | Observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Pb</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:math>Collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi>NN</mml:mi></mml:msub></mml:msqrt><mml:mo>= | 7.8 | 135 |
| 10 | Discovery of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï„</mml:mi></mml:math>Neutrino Appearance in the CNGS Neutrino Beam with the OPERA Experiment. Physical Review Letters, 2015, 115, 121802. | 7.8 | 132 |
| 11 | Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801. | 7.8 | 129 |
| 12 | Measurement of electron antineutrino oscillation based on 1230Âdays of operation of the Daya Bay experiment. Physical Review D, 2017, 95, . | 4.7 | 118 |
| 13 | 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 |
| 14 | Observation and measurement of Higgs boson decays to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>W</mml:mi><mml:mi>W</mml:mi></mml:mrow><mml:mrow><mml:mml | 4.7 | 110 |
| 15 | the ATLAS detector. Physical Review D, 2015, 92, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>appearance and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math>disappearance | 4.7 | 108 |
| 16 | in the NOvA experiment. Physical Review D, 2018, 98, . Improved measurement of the reactor antineutrino flux and spectrum at Daya Bay. Chinese Physics C, 2017, 41, 013002. | 3.7 | 96 |
| 17 | Measurements of the $$W$$ W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82. | 3.9 | 92 |
| 18 | The spin structure function<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>g</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow> mathvariant="normal">p</mml:mi></mml:mrow></mml:msubsup></mml:math>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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Measurement of the Neutrino Mixing Angle<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î¸</mml:mi><mml:mn>23</mml:mn></mml:msub></mml:math>in NOvA. Physical Review Letters, 2017, 118, 151802. | 7.8 | 87 |
| 20 | Collins and Sivers asymmetries in muonproduction 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 |
| 21 | 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 |
| 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 | First measurement of muon-neutrino disappearance in NOvA. Physical Review D, 2016, 93, . | 4.7 | 71 |
| 24 | Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $$sqrt{s}=8$$ s = 8 $$,hbox {TeV}$$ TeV. European Physical Journal C, 2015, 75, 303. | 3.9 | 70 |
| 25 | 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 |
| 26 | Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math>Collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>8</mml:mn><mml:mtext>â€‰</m | 7.8 | 64 |
| 27 | Observation and measurements of the production of prompt and non-prompt $$varvec{ext {J}uppsi }$$ J Ï mesons in association with a $$varvec{Z}$$ Z boson in $$varvec{pp}$$ p p collisions at $$varvec{sqrt{s}= 8,ext {TeV}}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229. | 3.9 | 64 |
| 28 | Search for active-sterile neutrino mixing using neutral-current interactions in NOvA. Physical Review D, 2017, 96, . | 4.7 | 42 |
| 29 | Measurement of the production and lepton charge asymmetry of $$W$$ W bosons in Pb+Pb collisions at $$mathbf {sqrt{mathbf {s}_{mathrm {mathbf {NN}}}}=2.76;TeV}$$ s NN = 2.76 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23. | 3.9 | 41 |
| 30 | Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 39 |
| 31 | Measurement of the inclusive jet cross-section in proton-proton collisions at s = 7 $$ sqrt{s}=7 $$ TeV using 4.5 fbâˆ’1 of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 35 |
| 32 | Experimental access to Transition Distribution Amplitudes with the PÌ„ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1. | 2.5 | 29 |
| 33 | Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 28 |
| 34 | Measurement of differential<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ïˆ</mml:mi><mml:mo>(</mml:mo><mml:mn>1S</mml:mn><mml:mo>)</mml:mo></mml:mrow></mml:math>cross sections and forward-backward ratios in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mi>Â</mml:mi><mml:mo>+</mml:mo><mml:mi>Â</mml:mi><mml:mi mathvariant="normal">Pb</mml:mi></mml:math>collisions with the ATLAS detector. Physical Review D, 2017, 95, . | 2.9 | 27 |
| 35 | Kinematic information in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext mathvariant="bold">lepton</mml:mtext><mml:mo>+</mml:mo><mml:mtext mathvariant="bold">jets</mml:mtext></mml:mrow></mml:math>final state with ATLAS. Physical Review D, 2015, 91, . | 4.7 | 26 |
| 36 | New measurement ofÎ¸13via neutron capture on hydrogen at Daya Bay. Physical Review D, 2016, 93, . | 4.7 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Study of the wave packet treatment of neutrino oscillation at Daya Bay. European Physical Journal C, 2017, 77, 1. | 3.9 | 25 |
| 38 | Measurement of three-jet production cross-sections in $$pp$$ p p collisions at 7Â $$mathrm { Te,V}$$ Te V centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228. | 3.9 | 23 |
| 39 | Measurement of the transverse polarization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î›</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mover accent="true"><mml:mi mathvariant="normal">Î›</mml:mi><mml:mo accent="true" stretchy="false">Â¯</mml:mo></mml:mover></mml:math> hyperons produced in proton-proton collision | 4.7 | 18 |
| 40 | Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 17 |
| 41 | Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $$sqrt{s}=7mathrm{,TeV}$$ s = 7 TeV. European Physical Journal C, 2015, 75, 158. | 3.9 | 17 |
| 42 | Measurement of the production of neighbouring jets in leadâ€“lead collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn><mml:mi with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 376-395. | 4.1 | 16 |
| 43 | Search for a time-varying electron antineutrino signal at Daya Bay. Physical Review D, 2018, 98, . | 4.7 | 15 |
| 44 | The design and sensitivity of JUNOâ€™s scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1. | 3.9 | 15 |
| 45 | Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 13 |
| 46 | 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 |
| 47 | Interplay among transversity induced asymmetries in hadron leptoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 406-411. | 4.1 | 11 |
| 48 | JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1. | 3.9 | 11 |
| 49 | The design of a photodetector unit of a new ShashlykÂEM 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 |
| 50 | Cosmogenic neutron production at Daya Bay. Physical Review D, 2018, 97, . | 4.7 | 8 |
| 51 | Database system for managing 20,000 20-inch PMTs at JUNO. Nuclear Science and Techniques/Hewuli, 2022, 33, . | 3.4 | 6 |
| 52 | 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 |
| 53 | Tested Performance of JUNO 20â€•PMTs. Journal of Physics: Conference Series, 2020, 1468, 012197. | 0.4 | 2 |