Gwenaelle Lefeuvre

List of Publications by Year
in descending order

26 papers	1,632 citations	687363 13 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1562 citing authors

#	Article	IF	Citations
1	Improved Search for Muon-Neutrino to Electron-Neutrino Oscillations in MINOS. Physical Review Letters, 2011, 107, 181802.	7.8	574
2	The NuMI neutrino beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 279-306.	1.6	202
3	Measurement of the Neutrino Mass Splitting and Flavor Mixing by MINOS. Physical Review Letters, 2011, 106, 181801.	7.8	188
4	Performance of the LHCb Vertex Locator. Journal of Instrumentation, 2014, 9, P09007-P09007.	1.2	175
5	Active to Sterile Neutrino Mixing Limits from Neutral-Current Interactions in MINOS. Physical Review Letters, 2011, 107, 011802.	7.8	108
6	Search for Lorentz Invariance and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>Violation with the MINOS Far Detector. Physical Review Letters, 2010, 105, 151601.	7.8	83
7	First Direct Observation of Muon Antineutrino Disappearance. Physical Review Letters, 2011, 107, 021801.	7.8	56
8	New constraints on muon-neutrino to electron-neutrino transitions in MINOS. Physical Review D, 2010, 82, .	4.7	45
9	First LHC beam induced tracks reconstructed in the LHCb VELO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 1-4.	1.6	39
10	Absolute measurement of the nitrogen fluorescence yield in air between 300 and 430nm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 78-87.	1.6	28
11	Silicon detectors for the sLHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 658, 11-16.	1.6	21
12	Diamond based detectors for high temperature, high radiation environments. Journal of Instrumentation, 2017, 12, C01066-C01066.	1.2	17
13	Search for the disappearance of muon antineutrinos in the NuMI neutrino beam. Physical Review D, 2011, 84, .	4.7	16
14	Measurement of the underground atmospheric muon charge ratio using the MINOS Near Detector. Physical Review D, 2011, 83, .	4.7	13
15	Pulse-resolved intensity measurements at a hard X-ray FEL using semi-transparent diamond detectors. Journal of Synchrotron Radiation, 2018, 25, 177-188.	2.4	13
16	Observation in the MINOS far detector of the shadowing of cosmic rays by the sun and moon. Astroparticle Physics, 2011, 34, 457-466.	4.3	12
17	First spatial alignment of the LHCb VELO and analysis of beam absorber collision data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 618, 108-120.	1.6	7
18	Development of high temperature, radiation hard detectors based on diamond. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 128-131.	1.6	7

#	Article	IF	Citations
19	From SNO to SNO+, upgrading a neutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 506-508.	1.6	6
20	The calibration system for the photomultiplier array of the SNO+ experiment. Journal of Instrumentation, 2015, 10, P03002-P03002.	1.2	6
21	A single crystal chemical vapour deposition diamond soft X-ray spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 988, 164870.	1.6	5
22	High temperature (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline") Tj ETQq0 0 0 rgBT /Overlock 10 Tf xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e189" altimg="si89.svg"><mml:msup><mml:mrow><mml:mi mathvariant="normal">Î²</mml:mi></mml:mrow><mml:mrow><mml:mo>â^'</mml:mo></mml:mrow></mml:msup></mml:math> particle diamond detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelera	1.6	3
23	Electron spectroscopy with a diamond detector. Applied Radiation and Isotopes, 2022, 180, 110027.	1.5	3
24	The magnetic distortion calibration system of the LHCb RICH1 detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 44-52.	1.6	2
25	CVD diamond metallization and characterization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 76-79.	1.6	2
26	The LED and fiber based calibration system for the photomultiplier array of SNO+. Journal of Physics: Conference Series, 2015, 587, 012031.	0.4	1