

Gwenaelle Lefeuvre

List of Publications by Year in descending order

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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	Electron spectroscopy with a diamond detector. Applied Radiation and Isotopes, 2022, 180, 110027.	1.5	3
2	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, 989, 164950. https://doi.org/10.1016/j.nima.2021.164950	1.6	5
3	$\hat{\sigma}^2$ particle diamond detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 989, 164950. https://doi.org/10.1016/j.nima.2021.164950	1.6	3
4	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
5	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
6	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
7	Diamond based detectors for high temperature, high radiation environments. Journal of Instrumentation, 2017, 12, C01066-C01066.	1.2	17
8	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
9	The calibration system for the photomultiplier array of the SNO+ experiment. Journal of Instrumentation, 2015, 10, P03002-P03002.	1.2	6
10	The LED and fiber based calibration system for the photomultiplier array of SNO+. Journal of Physics: Conference Series, 2015, 587, 012031.	0.4	1
11	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
12	Performance of the LHCb Vertex Locator. Journal of Instrumentation, 2014, 9, P09007-P09007.	1.2	175
13	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
14	Measurement of the underground atmospheric muon charge ratio using the MINOS Near Detector. Physical Review D, 2011, 83, .	4.7	13
15	Improved Search for Muon-Neutrino to Electron-Neutrino Oscillations in MINOS. Physical Review Letters, 2011, 107, 181802.	7.8	574
16	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
17	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
18	Search for the disappearance of muon antineutrinos in the NuMI neutrino beam. Physical Review D, 2011, 84, .	4.7	16

#	ARTICLE	IF	CITATIONS
19	Active to Sterile Neutrino Mixing Limits from Neutral-Current Interactions in MINOS. Physical Review Letters, 2011, 107, 011802.	7.8	108
20	First Direct Observation of Muon Antineutrino Disappearance. Physical Review Letters, 2011, 107, 021801.	7.8	56
21	Measurement of the Neutrino Mass Splitting and Flavor Mixing by MINOS. Physical Review Letters, 2011, 106, 181801.	7.8	188
22	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
23	Search for Lorentz Invariance and CPT Violation with the MINOS Far Detector. Physical Review Letters, 2010, 105, 151601.	7.8	83
24	New constraints on muon-neutrino to electron-neutrino transitions in MINOS. Physical Review D, 2010, 82, .	4.7	45
25	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
26	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