

Jose Alonso

List of Publications by Year in descending order

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16
papers

773
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

4562
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	179
2	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	146
3	What will it take for laser driven proton accelerators to be applied to tumor therapy?. Physical Review Special Topics: Accelerators and Beams, 2007, 10, .	1.8	118
4	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	114
5	Measurement of the $W \rightarrow e \nu_e$ and $Z \rightarrow e^+ e^-$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
6	Laser-driven ion accelerators for tumor therapy revisited. Physical Review Accelerators and Beams, 2016, 19, .	1.6	46
7	Technologies for delivery of proton and ion beams for radiotherapy. International Journal of Modern Physics A, 2014, 29, 1441002.	1.5	24
8	Superconductivity in Medicine. Reviews of Accelerator Science and Technology, 2012, 05, 227-263.	0.5	20
9	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
10	Neutrino physics opportunities with the IsoDAR source at Yemilab. Physical Review D, 2022, 105, .	4.7	15
11	Optimizing the ^8Li yield for the IsoDAR Neutrino Experiment. Journal of Instrumentation, 2019, 14, P03001-P03001.	1.2	10
12	Medical isotope production with the IsoDAR cyclotron. Nature Reviews Physics, 2019, 1, 533-535.	26.6	9
13	Announcement: The 2017 winners of the Brightness Award. Review of Scientific Instruments, 2018, 89, 052201.	1.3	2
14	IsoDAR: A cyclotron-based neutrino source with applications to medical isotope production. AIP Conference Proceedings, 2019, , .	0.4	2
15	Design Criteria for Medical Accelerators. Biological and Medical Physics Series, 2012, , 325-343.	0.4	2
16	The 2019 Winner of the Brightness Award. Review of Scientific Instruments, 2020, 91, .	1.3	0