

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