

Ana Amelia Machado

List of Publications by Year in descending order

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17
papers

1,786
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the ion fraction and mobility of ^{218}Po produced in ^{222}Rn decays in liquid argon. Journal of Instrumentation, 2019, 14, P11018-P11018.	1.2	2
2	Liquid argon test of the ARAPUCA device. Journal of Instrumentation, 2018, 13, P08021-P08021.	1.2	12
3	The X-ARAPUCA: an improvement of the ARAPUCA device. Journal of Instrumentation, 2018, 13, C04026-C04026.	1.2	24
4	Constraints on Sub-GeV Dark-Matterâ€“Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	7.8	179
5	Increasing the efficiency of photon collection in LArTPCs: the ARAPUCA light trap. Journal of Instrumentation, 2018, 13, C03040-C03040.	1.2	8
6	ARAPUCA light trap for large liquid argon time projection chambers. , 2018, , .		1
7	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. Journal of Instrumentation, 2017, 12, P10015-P10015.	1.2	31
8	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. Journal of Instrumentation, 2017, 12, P12011-P12011.	1.2	10
9	CALISâ€“A CALibration Insertion System for the DarkSide-50 dark matter search experiment. Journal of Instrumentation, 2017, 12, T12004-T12004.	1.2	10
10	Cryogenic Characterization of FBK RGB-HD SiPMs. Journal of Instrumentation, 2017, 12, P09030-P09030.	1.2	16
11	Delayed light emission of Tetraphenyl-butadiene excited by liquid argon scintillation light. Current status and future plans. Journal of Instrumentation, 2016, 11, C02010-C02010.	1.2	3
12	ARAPUCA a new device for liquid argon scintillation light detection. Journal of Instrumentation, 2016, 11, C02004-C02004.	1.2	42
13	Results on Neutrinoless Double- β Decay of ^{76}Ge from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	7.8	470
14	Liquid argon scintillation read-out with silicon devices. Journal of Instrumentation, 2013, 8, C10007-C10007.	1.2	2
15	Direct measurement of the atmospheric neutron flux in the energy range $10\text{--}500\text{MeV}$. Astroparticle Physics, 2010, 34, 225-229.	4.3	5
16	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	1.2	969
17	CHARGED RIGHT-HANDED CURRENTS IN THE LEPTOQUARKâ€“BILEPTON FLAVOR DYNAMICS. Modern Physics Letters A, 1999, 14, 2223-2228.	1.2	2