

Ciaran A J O'hare

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9002083/publications.pdf>

Version: 2024-02-01

22
papers

959
citations

394421

19
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the discovery reach of directional Dark Matter detection. <i>Physics Reports</i> , 2016, 627, 1-49.	25.6	146
2	Refinement of the standard halo model for dark matter searches in light of the Gaia Sausage. <i>Physical Review D</i> , 2019, 99, .	4.7	112
3	Dark photon limits: A handbook. <i>Physical Review D</i> , 2021, 104, .	4.7	101
4	Readout strategies for directional dark matter detection beyond the neutrino background. <i>Physical Review D</i> , 2015, 92, .	4.7	59
5	Dark matter hurricane: Measuring the S1 stream with dark matter detectors. <i>Physical Review D</i> , 2018, 98, .	4.7	57
6	Velocity substructure from <i>Gaia</i> and direct searches for dark matter. <i>Physical Review D</i> , 2020, 101, .	4.7	50
7	Axion astronomy with microwave cavity experiments. <i>Physical Review D</i> , 2017, 95, .	4.7	45
8	Directional axion detection. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 051-051.	5.4	45
9	Dark matter astrophysical uncertainties and the neutrino floor. <i>Physical Review D</i> , 2016, 94, .	4.7	42
10	New Definition of the Neutrino Floor for Direct Dark Matter Searches. <i>Physical Review Letters</i> , 2021, 127, 251802.	7.8	37
11	Directional detection of dark matter streams. <i>Physical Review D</i> , 2014, 90, .	4.7	33
12	Eliminating the LIGO bounds on primordial black hole dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 078.	5.4	32
13	Cornering the axion with CP -violating interactions. <i>Physical Review D</i> , 2020, 102, .	4.7	31
14	Weighing the solar axion. <i>Physical Review D</i> , 2019, 99, .	4.7	28
15	Can we overcome the neutrino floor at high masses?. <i>Physical Review D</i> , 2020, 102, .	4.7	26
16	Axion helioscopes as solar magnetometers. <i>Physical Review D</i> , 2020, 102, .	4.7	21
17	Directional Recoil Detection. <i>Annual Review of Nuclear and Particle Science</i> , 2021, 71, 189-224.	10.2	21
18	Reconstructing the three-dimensional local dark matter velocity distribution. <i>Physical Review D</i> , 2016, 94, .	4.7	19

#	ARTICLE	IF	CITATIONS
19	Simulations of axionlike particles in the postinflationary scenario. <i>Physical Review D</i> , 2022, 105, .	4.7	19
20	Stellar kinematics from the symmetron fifth force in the MilkyWay disk. <i>Physical Review D</i> , 2018, 98, .	4.7	18
21	Time-integrated directional detection of dark matter. <i>Physical Review D</i> , 2017, 96, .	4.7	15
22	Particle detection and tracking with DNA. <i>European Physical Journal C</i> , 2022, 82, 1.	3.9	2