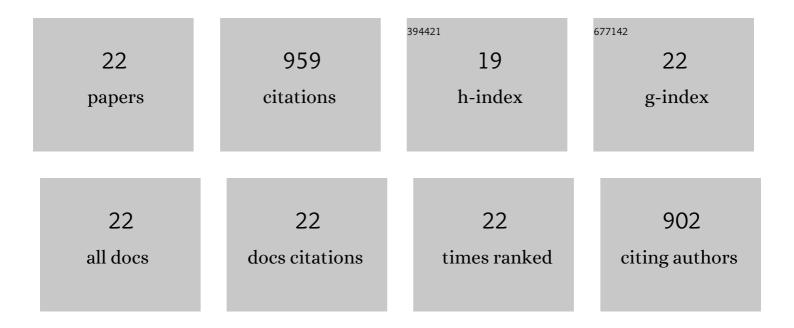
Ciaran A J O'hare

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9002083/publications.pdf Version: 2024-02-01



CIADAN ALO'HADE

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

CIARAN A J O'HARE

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