

Josef Pradler

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,887
citations

331642

21
h-index

345203

36
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36
all docs

36
docs citations

36
times ranked

4244
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark freeze-outogenesis. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	6
2	Exact Theory of Nonrelativistic Quadrupole Bremsstrahlung. <i>Astrophysical Journal</i> , 2021, 909, 134.	4.5	5
3	Probing sub-eV Dark Matter decays with PTOLEMY. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 089.	5.4	6
4	Scalar dark matter candidates revisited. <i>Physical Review D</i> , 2021, 103, .	4.7	11
5	Terrestrial probes of electromagnetically interacting dark radiation. <i>Physical Review D</i> , 2021, 103, .	4.7	7
6	Accurate Gaunt Factors for Nonrelativistic Quadrupole Bremsstrahlung. <i>Astrophysical Journal</i> , 2021, 916, 105.	4.5	3
7	Nonrelativistic Electron-Ion Bremsstrahlung: An Approximate Formula for All Parameters. <i>Astrophysical Journal</i> , 2021, 922, 57.	4.5	4
8	Solar reflection of dark matter. <i>Physical Review D</i> , 2021, 104, .	4.7	17
9	Self-interacting dark matter without prejudice. <i>Physical Review D</i> , 2020, 101, .	4.7	18
10	Dark sector-photon interactions in proton-beam experiments. <i>Physical Review D</i> , 2020, 101, .	4.7	20
11	Constraining dark photons and their connection to 21 cm cosmology with CMB data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135420.	4.1	15
12	Relation between the Migdal Effect and Dark Matter-Electron Scattering in Isolated Atoms and Semiconductors. <i>Physical Review Letters</i> , 2020, 124, 021801.	7.8	81
13	Effective photon mass and (dark) photon conversion in the inhomogeneous Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 011-011.	5.4	23
14	New limits on dark photons from solar emission and keV scale dark matter. <i>Physical Review D</i> , 2020, 102, .	4.7	51
15	Cosmological beam dump: Constraints on dark scalars mixed with the Higgs boson. <i>Physical Review D</i> , 2019, 99, .	4.7	27
16	Light dark states with electromagnetic form factors. <i>Physical Review D</i> , 2019, 99, .	4.7	38
17	Stellar probes of dark sector-photon interactions. <i>Physical Review D</i> , 2019, 100, .	4.7	21
18	Directly Detecting MeV-Scale Dark Matter Via Solar Reflection. <i>Physical Review Letters</i> , 2018, 120, 141801.	7.8	79

#	ARTICLE	IF	CITATIONS
19	Signatures of dark radiation in neutrino and dark matter detectors. <i>Physical Review D</i> , 2018, 97, .	4.7	41
20	Room for New Physics in the Rayleigh-Jeans Tail of the Cosmic Microwave Background. <i>Physical Review Letters</i> , 2018, 121, 031103.	7.8	106
21	Simply split strongly interacting massive particles. <i>Physical Review D</i> , 2017, 95, .	4.7	49
22	Probing Sub-GeV Dark Matter with Conventional Detectors. <i>Physical Review Letters</i> , 2017, 118, 031803.	7.8	117
23	Cosmological tests of an axiverse-inspired quintessence field. <i>Physical Review D</i> , 2016, 93, .	4.7	11
24	Light Particle Solution to the Cosmic Lithium Problem. <i>Physical Review Letters</i> , 2016, 116, 211303.	7.8	34
25	Direct detection constraints on dark photon dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 747, 331-338.	4.1	193
26	Dark matter or neutrino recoil? Interpretation of recent experimental results. <i>Physical Review D</i> , 2014, 89, .	4.7	12
27	Silk Damping at a Redshift of a Billion: New Limit on Small-Scale Adiabatic Perturbations. <i>Physical Review Letters</i> , 2014, 113, 061301.	7.8	70
28	Dark Energy from the String Axiverse. <i>Physical Review Letters</i> , 2014, 113, 251302.	7.8	82
29	Cosmological constraints on very dark photons. <i>Physical Review D</i> , 2014, 90, .	4.7	88
30	New stellar constraints on dark photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 190-195.	4.1	206
31	Dark Matter Detectors as Dark Photon Helioscopes. <i>Physical Review Letters</i> , 2013, 111, 041302.	7.8	115
32	Elastic scattering signals of solar neutrinos with enhanced baryonic currents. <i>Physical Review D</i> , 2012, 85, .	4.7	35
33	Statistical tests of noise and harmony in dark matter modulation signals. <i>Physical Review D</i> , 2012, 85, .	4.7	19
34	Dark matter from minimal flavor violation. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	74
35	Big Bang Nucleosynthesis as a Probe of New Physics. <i>Annual Review of Nuclear and Particle Science</i> , 2010, 60, 539-568.	10.2	170