Josef Pradler

List of Publications by Year in descending order

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

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