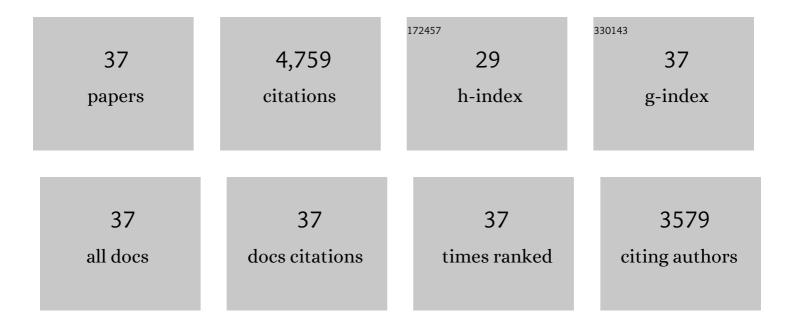
David J Marsh

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Axion dark matter: What is it and why now?. Science Advances, 2022, 8, eabj3618.	10.3	66
2	Ultralight axions and the kinetic Sunyaev-Zel'dovich effect. Physical Review D, 2022, 105, .	4.7	10
3	Probing virtual axion-like particles by precision phase measurements. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 012.	5.4	4
4	Relaxation times for Bose-Einstein condensation by self-interaction and gravity. Physical Review D, 2022, 106, .	4.7	9
5	Axion miniclusters made easy. Physical Review D, 2021, 103, .	4.7	19
6	Superradiance in string theory. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 033.	5.4	58
7	Axion quasiparticles for axion dark matter detection. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 066.	5.4	51
8	New insights into the formation and growth of boson stars in dark matter halos. Physical Review D, 2021, 104, .	4.7	43
9	Strong Constraints on Fuzzy Dark Matter from Ultrafaint Dwarf Galaxy Eridanus II. Physical Review Letters, 2019, 123, 051103.	7.8	116
10	Proposal to Detect Dark Matter using Axionic Topological Antiferromagnets. Physical Review Letters, 2019, 123, 121601.	7.8	93
11	Structure formation and microlensing with axion miniclusters. Physical Review D, 2018, 97, .	4.7	84
12	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
13	Formation of relativistic axion stars. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 005-005.	5.4	38
14	Black hole spin constraints on the mass spectrum and number of axionlike fields. Physical Review D, 2018, 98, .	4.7	66
15	Using the full power of the cosmic microwave background to probe axion dark matter. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3063-3085.	4.4	106
16	Black hole formation from axion stars. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 055-055.	5.4	105
17	Spectrum of the axion dark sector. Physical Review D, 2017, 96, .	4.7	36
18	Searching for the QCD Axion with Gravitational Microlensing. Physical Review Letters, 2017, 119, 021101.	7.8	50

#	Article	IF	CITATIONS
19	Future CMB tests of dark matter: Ultralight axions and massive neutrinos. Physical Review D, 2017, 95, .	4.7	60
20	An ultralight pseudoscalar boson. Physical Review D, 2016, 93, .	4.7	56
21	The effects of the small-scale DM power on the cosmological neutral hydrogen (HI) distribution at high redshifts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 012-012.	5.4	42
22	Axion cosmology. Physics Reports, 2016, 643, 1-79.	25.6	1,212
23	Galaxy UV-luminosity function and reionization constraints on axion dark matter. Monthly Notices of the Royal Astronomical Society, 2015, 450, 209-222.	4.4	121
24	Nonlinear hydrodynamics of axion dark matter: Relative velocity effects and quantum forces. Physical Review D, 2015, 91, .	4.7	42
25	A search for ultralight axions using precision cosmological data. Physical Review D, 2015, 91, .	4.7	299
26	Unifying inflation and dark matter with the Peccei-Quinn field: Observable axions and observable tensors. Physical Review D, 2015, 91, .	4.7	39
27	Axion dark matter, solitons and the cusp–core problem. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2479-2492.	4.4	203
28	A model for halo formation with axion mixed dark matter. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2652-2663.	4.4	174
29	Constraining supersymmetry with heavy scalars: Using the CMB. Physical Review D, 2014, 89, .	4.7	20
30	Quintessence in a quandary: Prior dependence in dark energy models. Physical Review D, 2014, 90, .	4.7	29
31	Tensor Interpretation of BICEP2 Results Severely Constrains Axion Dark Matter. Physical Review Letters, 2014, 113, 011801.	7.8	51
32	Superpotential de-sequestering in string models. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
33	Supersymmetric vacua in random supergravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
34	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	26.7	683
35	Towards constraining Affleck-Dine baryogenesis. Journal of High Energy Physics, 2012, 2012, 1.	4.7	14
36	The wasteland of random supergravities. Journal of High Energy Physics, 2012, 2012, 1.	4.7	75

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#	Article	IF	CITATIONS
37	Sequestering in string compactifications. Journal of High Energy Physics, 2011, 2011, 1.	4.7	35