

Pedro G Ferreira

List of Publications by Year in descending order

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43
papers

7,253
citations

185998

28
h-index

264894

42
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47
all docs

47
docs citations

47
times ranked

4429
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing gravity on cosmic scales: A case study of Jordan-Brans-Dicke theory. <i>Physical Review D</i> , 2022, 105, .	1.6	11
2	Model-independent constraints on $\hat{\Omega}_m$ and $\langle \dot{H} \rangle$ ($\langle \dot{z} \rangle$) from the link between geometry and growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1967-1984.	1.6	16
3	New horizons for fundamental physics with LISA. <i>Living Reviews in Relativity</i> , 2022, 25, .	8.2	82
4	Growth of accretion driven scalar hair around Kerr black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	21
5	Quasinormal modes of growing dirty black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	12
6	Theoretical priors in scalar-tensor cosmologies: Shift-symmetric Horndeski models. <i>Physical Review D</i> , 2021, 104, .	1.6	23
7	Dynamical friction from scalar dark matter in the relativistic regime. <i>Physical Review D</i> , 2021, 104, .	1.6	35
8	GRChombo: An adaptable numerical relativity code for fundamental physics. <i>Journal of Open Source Software</i> , 2021, 6, 3703.	2.0	34
9	Scale invariant gravity and black hole ringdown. <i>Physical Review D</i> , 2020, 101, .	1.6	6
10	Theoretical priors in scalar-tensor cosmologies: Thawing quintessence. <i>Physical Review D</i> , 2020, 101, .	1.6	7
11	Noise angular power spectrum of gravitational wave background experiments. <i>Physical Review D</i> , 2020, 101, .	1.6	36
12	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	195
13	Detecting the anisotropic astrophysical gravitational wave background in the presence of shot noise through cross-correlations. <i>Physical Review D</i> , 2020, 102, .	1.6	31
14	Anomalous decay rate of quasinormal modes. <i>Physical Review D</i> , 2020, 101, .	1.6	19
15	The phenomenology of beyond Horndeski gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 035-035.	1.9	14
16	Growth of massive scalar hair around a Schwarzschild black hole. <i>Physical Review D</i> , 2019, 100, .	1.6	35
17	Polarization of a stochastic gravitational wave background through diffusion by massive structures. <i>Physical Review D</i> , 2019, 99, .	1.6	35
18	Forecasts for low spin black hole spectroscopy in Horndeski gravity. <i>Physical Review D</i> , 2019, 99, .	1.6	19

#	ARTICLE	IF	CITATIONS
19	Scale-independent $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msup} \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ inflation. Physical Review D, 2019, 100, .	1.6	27
20	The effect on cosmological parameter estimation of a parameter dependent covariance matrix. , 2019, 2, .		33
21	Modelling baryonic feedback for survey cosmology. , 2019, 2, .		103
22	A general theory of linear cosmological perturbations: stability conditions, the quasistatic limit and dynamics. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	1.9	35
23	Speed of gravitational waves and black hole hair. Physical Review D, 2018, 97, .	1.6	45
24	General theories of linear gravitational perturbations to a Schwarzschild black hole. Physical Review D, 2018, 97, .	1.6	47
25	Inertial spontaneous symmetry breaking and quantum scale invariance. Physical Review D, 2018, 98, .	1.6	35
26	Quasinormal modes of black holes in Horndeski gravity. Physical Review D, 2018, 97, .	1.6	65
27	Inflation in a scale-invariant universe. Physical Review D, 2018, 97, .	1.6	35
28	Emergent dark energy from dark matter. Physical Review D, 2018, 97, .	1.6	5
29	Weyl current, scale-invariant inflation, and Planck scale generation. Physical Review D, 2017, 95, .	1.6	62
30	No fifth force in a scale invariant universe. Physical Review D, 2017, 95, .	1.6	43
31	hi_class: Horndeski in the Cosmic Linear Anisotropy Solving System. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 019-019.	1.9	121
32	Scale-independent inflation and hierarchy generation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 174-178.	1.5	71
33	The Subaru FMOS galaxy redshift survey (FastSound). IV. New constraint on gravity theory from redshift space distortions at $\langle i \rangle z \langle /i \rangle \hat{\sim} 1.4$. Publication of the Astronomical Society of Japan, 2016, 68, .	1.0	171
34	A general theory of linear cosmological perturbations: scalar-tensor and vector-tensor theories. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 007-007.	1.9	49
35	On the phenomenology of extended Brans-Dicke gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 010-010.	1.9	8
36	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	1.5	943

#	ARTICLE	IF	CITATIONS
37	LATE-TIME COSMOLOGY WITH 21 cm INTENSITY MAPPING EXPERIMENTS. <i>Astrophysical Journal</i> , 2015, 803, 21.	1.6	264
38	A fast route to modified gravitational growth. <i>Physical Review D</i> , 2014, 89, .	1.6	32
39	Cosmology and Fundamental Physics with the Euclid Satellite. <i>Living Reviews in Relativity</i> , 2013, 16, 6.	8.2	683
40	Modified gravity and cosmology. <i>Physics Reports</i> , 2012, 513, 1-189.	10.3	2,870
41	Ultralight scalar fields and the growth of structure in the Universe. <i>Physical Review D</i> , 2010, 82, .	1.6	131
42	Einstein's Theory of Gravity and the Problem of Missing Mass. <i>Science</i> , 2009, 326, 812-815.	6.0	30
43	Cosmology with a primordial scaling field. <i>Physical Review D</i> , 1998, 58, .	1.6	711