

Pedro G Ferreira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3842404/publications.pdf>

Version: 2024-02-01

43
papers

7,253
citations

185998

28
h-index

264894

42
g-index

47
all docs

47
docs citations

47
times ranked

4429
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified gravity and cosmology. Physics Reports, 2012, 513, 1-189.	10.3	2,870
2	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	1.5	943
3	Cosmology with a primordial scaling field. Physical Review D, 1998, 58, .	1.6	711
4	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	8.2	683
5	LATE-TIME COSMOLOGY WITH 21 cm INTENSITY MAPPING EXPERIMENTS. Astrophysical Journal, 2015, 803, 21.	1.6	264
6	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	195
7	The Subaru FMOS galaxy redshift survey (FastSound). IV. New constraint on gravity theory from redshift space distortions at $z \sim 1.4$. Publication of the Astronomical Society of Japan, 2016, 68, .	1.0	171
8	Ultralight scalar fields and the growth of structure in the Universe. Physical Review D, 2010, 82, .	1.6	131
9	hi_class: Horndeski in the Cosmic Linear Anisotropy Solving System. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 019-019.	1.9	121
10	Modelling baryonic feedback for survey cosmology. , 2019, 2, .		103
11	New horizons for fundamental physics with LISA. Living Reviews in Relativity, 2022, 25, .	8.2	82
12	Scale-independent inflation and hierarchy generation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 174-178.	1.5	71
13	Quasinormal modes of black holes in Horndeski gravity. Physical Review D, 2018, 97, .	1.6	65
14	Weyl current, scale-invariant inflation, and Planck scale generation. Physical Review D, 2017, 95, .	1.6	62
15	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
16	General theories of linear gravitational perturbations to a Schwarzschild black hole. Physical Review D, 2018, 97, .	1.6	47
17	Speed of gravitational waves and black hole hair. Physical Review D, 2018, 97, .	1.6	45
18	No fifth force in a scale invariant universe. Physical Review D, 2017, 95, .	1.6	43

#	ARTICLE	IF	CITATIONS
19	Noise angular power spectrum of gravitational wave background experiments. <i>Physical Review D</i> , 2020, 101, .	1.6	36
20	A general theory of linear cosmological perturbations: stability conditions, the quasistatic limit and dynamics. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	1.9	35
21	Inertial spontaneous symmetry breaking and quantum scale invariance. <i>Physical Review D</i> , 2018, 98, .	1.6	35
22	Inflation in a scale-invariant universe. <i>Physical Review D</i> , 2018, 97, .	1.6	35
23	Growth of massive scalar hair around a Schwarzschild black hole. <i>Physical Review D</i> , 2019, 100, .	1.6	35
24	Polarization of a stochastic gravitational wave background through diffusion by massive structures. <i>Physical Review D</i> , 2019, 99, .	1.6	35
25	Dynamical friction from scalar dark matter in the relativistic regime. <i>Physical Review D</i> , 2021, 104, .	1.6	35
26	GRChombo: An adaptable numerical relativity code for fundamental physics. <i>Journal of Open Source Software</i> , 2021, 6, 3703.	2.0	34
27	The effect on cosmological parameter estimation of a parameter dependent covariance matrix. , 2019, 2, .		33
28	A fast route to modified gravitational growth. <i>Physical Review D</i> , 2014, 89, .	1.6	32
29	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
30	Einstein's Theory of Gravity and the Problem of Missing Mass. <i>Science</i> , 2009, 326, 812-815.	6.0	30
31	Scale-independent R^2 inflation. <i>Physical Review D</i> , 2019, 100, .	1.6	27
32	Theoretical priors in scalar-tensor cosmologies: Shift-symmetric Horndeski models. <i>Physical Review D</i> , 2021, 104, .	1.6	23
33	Growth of accretion driven scalar hair around Kerr black holes. <i>Physical Review D</i> , 2021, 103, .	1.6	21
34	Forecasts for low spin black hole spectroscopy in Horndeski gravity. <i>Physical Review D</i> , 2019, 99, .	1.6	19
35	Anomalous decay rate of quasinormal modes. <i>Physical Review D</i> , 2020, 101, .	1.6	19
36	Model-independent constraints on $\hat{\Omega}_m$ and $H(z)$ from the link between geometry and growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1967-1984.	1.6	16

#	ARTICLE	IF	CITATIONS
37	The phenomenology of beyond Horndeski gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 035-035.	1.9	14
38	Quasinormal modes of growing dirty black holes. Physical Review D, 2021, 103, .	1.6	12
39	Testing gravity on cosmic scales: A case study of Jordan-Brans-Dicke theory. Physical Review D, 2022, 105, .	1.6	11
40	On the phenomenology of extended Brans-Dicke gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 010-010.	1.9	8
41	Theoretical priors in scalar-tensor cosmologies: Thawing quintessence. Physical Review D, 2020, 101, .	1.6	7
42	Scale invariant gravity and black hole ringdown. Physical Review D, 2020, 101, .	1.6	6
43	Emergent dark energy from dark matter. Physical Review D, 2018, 97, .	1.6	5