

# Ignacy L Sawicki

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

6,750  
citations

159585

30  
h-index

315739

38  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully relativistic predictions in Horndeski gravity from standard Newtonian N-body simulations. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 024.	5.4	4
2	$h$ background evolution, initial conditions and approximation schemes. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 008-008.	5.4	34
3	Redshift-space distortions from vector perturbations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 028-028.	5.4	11
4	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
5	Fate of Large-Scale Structure in Modified Gravity After GW170817 and GRB170817A. Physical Review Letters, 2018, 120, 131101.	7.8	91
6	Redshift-space distortions from vector perturbations. II. Anisotropic signal. Physical Review D, 2018, 98, .	4.7	6
7	White dwarfs and revelations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 028-028.	5.4	53
8	Direct detection of gravitational waves can measure the time variation of the Planck mass. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 030-030.	5.4	58
9	$h$ in the Cosmic Linear Anisotropy Solving System. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 019-019.	5.4	121
10	Nonstandard gravitational waves imply gravitational slip: On the difficulty of partially hiding new gravitational degrees of freedom. Physical Review D, 2017, 95, .	4.7	24
11	Strong Constraints on Cosmological Gravity from GW170817 and GRB 170817A. Physical Review Letters, 2017, 119, 251301.	7.8	594
12	Beyond $\Lambda$ CDM: Problems, solutions, and the road ahead. Physics of the Dark Universe, 2016, 12, 56-99.	4.9	361
13	Constraints on dark-matter properties from large-scale structure. Physical Review D, 2016, 94, .	4.7	41
14	Limits of quasistatic approximation in modified-gravity cosmologies. Physical Review D, 2015, 92, .	4.7	109
15	Using dark energy to suppress power at small scales. Physical Review D, 2015, 92, .	4.7	33
16	Maximal freedom at minimum cost: linear large-scale structure in general modifications of gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 050-050.	5.4	286
17	Anisotropic Stress as a Signature of Nonstandard Propagation of Gravitational Waves. Physical Review Letters, 2014, 113, 191101.	7.8	150
18	Hidden negative energies in strongly accelerated universes. Physical Review D, 2013, 87, .	4.7	53

#	ARTICLE	IF	CITATIONS
19	Consistent perturbations in an imperfect fluid. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 004-004.	5.4	50
20	Cosmic Variance and the Measurement of the Local Hubble Parameter. <i>Physical Review Letters</i> , 2013, 110, 241305.	7.8	128
21	When matter matters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 014-014.	5.4	61
22	Observables and unobservables in dark energy cosmologies. <i>Physical Review D</i> , 2013, 87, .	4.7	116
23	Seeding supermassive black holes with a nonvortical dark-matter subcomponent. <i>Physical Review D</i> , 2013, 88, .	4.7	13
24	Probing dark energy through scale dependence. <i>Physical Review D</i> , 2013, 88, .	4.7	43
25	G-bounce. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 021-021.	5.4	226
26	The imperfect fluid behind kinetic gravity braiding. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	140
27	Constraint propagation equations of the 3+1 decomposition of $f(R)$ gravity. <i>Classical and Quantum Gravity</i> , 2011, 28, 085006.	4.0	13
28	Dust of dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 012-012.	5.4	176
29	Imperfect dark energy from kinetic gravity braiding. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 026-026.	5.4	545
30	Dark Matter via many copies of the Standard Model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 009-009.	5.4	22
31	Large scale structure $f(R)$ gravity. <i>Physical Review D</i> , 2007, 75, .	4.7	422
32	Parametrized post-Friedmann framework for modified gravity. <i>Physical Review D</i> , 2007, 76, .	4.7	327
33	Near-horizon solution for Dvali-Gabadadze-Porrati perturbations. <i>Physical Review D</i> , 2007, 75, .	4.7	37
34	Large-scale tests of the Dvali-Gabadadze-Porrati model. <i>Physical Review D</i> , 2007, 75, .	4.7	112
35	Stability of cosmological solutions $f(R)$ models of gravity. <i>Physical Review D</i> , 2007, 75, .	4.7	194
36	Models of $f(R)$ gravity. <i>Physical Review D</i> , 2007, 76, .	4.7	147

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37	Modified-source gravity and cosmological structure formation. <i>New Journal of Physics</i> , 2006, 8, 323-323.	2.9	135
38	Microwave background anisotropies arising from non-linear structures in open and $\hat{\Omega}$ universes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 393-401.	4.4	2