

# Tessa Baker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/224947/publications.pdf>

Version: 2024-02-01

20  
papers

3,381  
citations

471061

17  
h-index

752256

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

3418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing general relativity with present and future astrophysical observations. <i>Classical and Quantum Gravity</i> , 2015, 32, 243001.	1.5	943
2	Cosmology and Fundamental Physics with the Euclid Satellite. <i>Living Reviews in Relativity</i> , 2013, 16, 6.	8.2	683
3	Cosmology and fundamental physics with the Euclid satellite. <i>Living Reviews in Relativity</i> , 2018, 21, 2.	8.2	602
4	Beyond $\Lambda$ CDM: Problems, solutions, and the road ahead. <i>Physics of the Dark Universe</i> , 2016, 12, 56-99.	1.8	361
5	The parameterized post-Friedmann framework for theories of modified gravity: Concepts, formalism, and examples. <i>Physical Review D</i> , 2013, 87, .	1.6	140
6	LINKING TESTS OF GRAVITY ON ALL SCALES: FROM THE STRONG-FIELD REGIME TO COSMOLOGY. <i>Astrophysical Journal</i> , 2015, 802, 63.	1.6	114
7	The missing link in gravitational-wave astronomy: discoveries waiting in the decihertz range. <i>Classical and Quantum Gravity</i> , 2020, 37, 215011.	1.5	90
8	Towards a fully consistent parametrization of modified gravity. <i>Physical Review D</i> , 2011, 84, .	1.6	82
9	A general theory of linear cosmological perturbations: scalar-tensor and vector-tensor theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 007-007.	1.9	49
10	Novel Probes Project: Tests of gravity on astrophysical scales. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	47
11	Ambiguous tests of general relativity on cosmological scales. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 032-032.	1.9	44
12	OBSERVATIONAL SIGNATURES OF MODIFIED GRAVITY ON ULTRA-LARGE SCALES. <i>Astrophysical Journal</i> , 2015, 811, 116.	1.6	37
13	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
14	Void lensing as a test of gravity. <i>Physical Review D</i> , 2018, 98, .	1.6	35
15	A fast route to modified gravitational growth. <i>Physical Review D</i> , 2014, 89, .	1.6	32
16	New gravitational scales in cosmological surveys. <i>Physical Review D</i> , 2014, 90, .	1.6	31
17	Exploring degeneracies in modified gravity with weak lensing. <i>Physical Review D</i> , 2015, 91, .	1.6	26
18	The missing link in gravitational-wave astronomy. <i>Experimental Astronomy</i> , 2021, 51, 1427-1440.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Growth of perturbations in parametrized gravity for an Einstein-de Sitter universe. <i>Physical Review D</i> , 2012, 85, .	1.6	9
20	Testing general relativity with cosmology: a synopsis of the parametrized post-Friedmann approach. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	0.7	6