Cedric Deffayet

List of Publications by Year
in descending order

21 papers	3,072 citations	516710 16 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1247 citing authors

#	Article	IF	Citations
1	Accelerated universe from gravity leaking to extra dimensions. Physical Review D, 2002, 65, .	4.7	858
2	Cosmology on a brane in Minkowski bulk. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 199-208.	4.1	728
3	Nonperturbative continuity in graviton mass versus perturbative discontinuity. Physical Review D, 2002, 65, .	4.7	401
4	An introduction to the Vainshtein mechanism. Classical and Quantum Gravity, 2013, 30, 184001.	4.0	267
5	Supernovae, CMB, and gravitational leakage into extra dimensions. Physical Review D, 2002, 66, .	4.7	155
6	A formal introduction to Horndeski and Galileon theories and their generalizations. Classical and Quantum Gravity, 2013, 30, 214006.	4.0	132
7	Constraints on Shift-Symmetric Scalar-Tensor Theories with a Vainshtein Mechanism from Bounds on the Time Variation of G. Physical Review Letters, 2011, 107, 251102.	7.8	91
8	Counting the degrees of freedom of generalized Galileons. Physical Review D, 2015, 92, .	4.7	85
9	A no-go theorem for generalized vector Galileons on flat spacetime. Journal of High Energy Physics, 2014, 2014, 1.	4.7	63
10	Improving relativistic modified Newtonian dynamics with Galileon k-mouflage. Physical Review D, 2011, 84, .	4.7	60
11	On horizon structure of bimetric spacetimes. Classical and Quantum Gravity, 2012, 29, 065009.	4.0	53
12	Braneworld flattening by a cosmological constant. Physical Review D, 2001, 64, .	4.7	33
13	Massive graviton on arbitrary background: derivation, syzygies, applications. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 038-038.	5.4	29
14	Linear spin-2 fields in most general backgrounds. Physical Review D, 2016, 93, .	4.7	21
15	On p-form theories with gauge invariant second order field equations. Physical Review D, 2016, 93, .	4.7	20
16	Degeneracy, matter coupling, and disformal transformations in scalar-tensor theories. Physical Review D, 2020, 102, .	4.7	18
17	Partially massless graviton on beyond Einstein spacetimes. Physical Review D, 2017, 95, .	4.7	16
18	Cosmological perturbations of brane-induced gravity and the van Dam-Veltman-Zakharov discontinuity on Friedmann-LemaÃ®tre-Robertson-Walker space-times. Physical Review D, 2005, 71, .	4.7	15

#	Article	IF	Citations
19	On partially massless theory in 3 dimensions. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 043-043.	5.4	15
20	Classifying Galileon p -form theories. Physical Review D, 2017, 96, .	4.7	12
21	Aspects of Scalar Brane-World Cosmological Perturbations. International Journal of Theoretical Physics, 2003, 42, 1329-1342.	1.2	0