

Cedric Deffayet

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,072
citations

516710

16
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752698

20
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21
all docs

21
docs citations

21
times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	Degeneracy, matter coupling, and disformal transformations in scalar-tensor theories. Physical Review D, 2020, 102, .	4.7	18
2	Classifying Galileon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -form theories. Physical Review D, 2017, 96, .	4.7	12
3	Partially massless graviton on beyond Einstein spacetimes. Physical Review D, 2017, 95, .	4.7	16
4	Linear spin-2 fields in most general backgrounds. Physical Review D, 2016, 93, .	4.7	21
5	On $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -form theories with gauge invariant second order field equations. Physical Review D, 2016, 93, .	4.7	20
6	Counting the degrees of freedom of generalized Galileons. Physical Review D, 2015, 92, .	4.7	85
7	On partially massless theory in 3 dimensions. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 043-043.	5.4	15
8	Massive graviton on arbitrary background: derivation, syzygies, applications. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 038-038.	5.4	29
9	A no-go theorem for generalized vector Galileons on flat spacetime. Journal of High Energy Physics, 2014, 2014, 1.	4.7	63
10	A formal introduction to Horndeski and Galileon theories and their generalizations. Classical and Quantum Gravity, 2013, 30, 214006.	4.0	132
11	An introduction to the Vainshtein mechanism. Classical and Quantum Gravity, 2013, 30, 184001.	4.0	267
12	On horizon structure of bimetric spacetimes. Classical and Quantum Gravity, 2012, 29, 065009.	4.0	53
13	Improving relativistic modified Newtonian dynamics with Galileon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{k} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -mouflage. Physical Review D, 2011, 84, .	4.7	60
14	Constraints on Shift-Symmetric Scalar-Tensor Theories with a Vainshtein Mechanism from Bounds on the Time Variation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{G} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2011, 107, 251102.	7.8	91
15	Cosmological perturbations of brane-induced gravity and the van Dam-Veltman-Zakharov discontinuity on Friedmann-Lemaître-Robertson-Walker space-times. Physical Review D, 2005, 71, .	4.7	15
16	Aspects of Scalar Brane-World Cosmological Perturbations. International Journal of Theoretical Physics, 2003, 42, 1329-1342.	1.2	0
17	Nonperturbative continuity in graviton mass versus perturbative discontinuity. Physical Review D, 2002, 65, .	4.7	401
18	Supernovae, CMB, and gravitational leakage into extra dimensions. Physical Review D, 2002, 66, .	4.7	155

#	ARTICLE	IF	CITATIONS
19	Accelerated universe from gravity leaking to extra dimensions. Physical Review D, 2002, 65, .	4.7	858
20	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
21	Braneworld flattening by a cosmological constant. Physical Review D, 2001, 64, .	4.7	33