

Nobuyoshi Ohta

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,228
citations

257450

24
h-index

214800

47
g-index

50
all docs

50
docs citations

50
times ranked

1124
citing authors

#	ARTICLE	IF	CITATIONS
1	Higgs scalar potential coupled to gravity in the exponential parametrization in arbitrary gauge. Physical Review D, 2022, 105, .	4.7	6
2	Covariant BRST quantization of unimodular gravity: Formulation with antisymmetric tensor ghosts. Physical Review D, 2022, 105, .	4.7	16
3	Covariant BRST quantization of unimodular gravity. II. Formulation with a vector antighost. Physical Review D, 2022, 105, .	4.7	11
4	Running Newton coupling, scale identification, and black hole thermodynamics. Physical Review D, 2022, 105, .	4.7	11
5	Quantum improved charged black holes. Physical Review D, 2021, 104, .	4.7	16
6	BRST quantization of general relativity in unimodular gauge and unimodular gravity. Physical Review D, 2021, 104, .	4.7	10
7	Effective action from the functional renormalization group. European Physical Journal C, 2020, 80, 1.	3.9	9
8	Towards the determination of the dimension of the critical surface in asymptotically safe gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135773.	4.1	34
9	General procedure of gauge fixings and ghosts. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135965.	4.1	8
10	Quantum equivalence of $f(R)$ gravity and scalar-tensor theories in the Jordan and Einstein frames. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	32
11	Asymptotic safety and field parametrization dependence in the renormalization group equation for $f(R)$ gravity. Physical Review D, 2016, 94, .	4.7	41
12	Renormalization group equation for $f(R)$ gravity. Physical Review D, 2016, 94, .	4.7	50
13	Renormalization group equation and scaling solutions for $f(R)$ gravity in exponential parametrization. European Physical Journal C, 2016, 76, 1.	3.9	82
14	Ultraviolet fixed points in conformal gravity and general quadratic theories. Classical and Quantum Gravity, 2016, 33, 035001.	4.0	31
15	Flow equation for $f(R)$ gravity. Physical Review D, 2015, 92, .	4.7	47
16	Covariant Approach to the No-Ghost Theorem in Massive Gravity. , 2015, , .		0
17	Higher derivative gravity and asymptotic safety in diverse dimensions. Classical and Quantum Gravity, 2014, 31, 015024.	4.0	67
18	Cosmic acceleration with a negative cosmological constant in higher dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40

#	ARTICLE	IF	CITATIONS
19	Asymptotically AdS charged black holes in string theory with Gauss-Bonnet correction in various dimensions. <i>Physical Review D</i> , 2013, 88, .	4.7	2
20	Charged black holes in string theory with Gauss-Bonnet correction in various dimensions. <i>Physical Review D</i> , 2012, 86, .	4.7	5
21	DARK ENERGY AND QCD GHOST. <i>International Journal of Modern Physics Conference Series</i> , 2012, 07, 194-201.	0.7	3
22	Hawking radiation and tunneling mechanism for a new class of black holes in Einstein-Gauss-Bonnet gravity. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	3
23	Accelerating universes in string theory via field redefinition. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	38
24	BLACK HOLE SOLUTIONS IN STRING THEORY WITH GAUSS-BONNET CURVATURE CORRECTION. , 2012, , .		0
25	Extended black holes in strong gravitational waves. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	2
26	Intersecting black branes in strong gravitational waves. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	0
27	AdS black hole solutions in dilatonic Einstein-Gauss-Bonnet gravity. <i>Physical Review D</i> , 2011, 83, .	4.7	13
28	Supersymmetric intersecting branes on the waves. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	11
29	Black holes in gravity with conformal anomaly and logarithmic term in black hole entropy. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	124
30	Cosmological intersecting brane solutions. <i>Physical Review D</i> , 2010, 82, .	4.7	12
31	Horizon thermodynamics and gravitational field equations in Hořava-Lifshitz gravity. <i>Physical Review D</i> , 2010, 81, .	4.7	96
32	Black holes without mass and entropy in Lovelock gravity. <i>Physical Review D</i> , 2010, 81, .	4.7	31
33	Friedmann equations from entropic force. <i>Physical Review D</i> , 2010, 81, .	4.7	133
34	Dynamical p-branes with a cosmological constant. <i>Physical Review D</i> , 2010, 82, .	4.7	17
35	Notes on entropy force in general spherically symmetric spacetimes. <i>Physical Review D</i> , 2010, 81, .	4.7	64
36	Global solutions for higher-dimensional stretched small black holes. <i>Physical Review D</i> , 2010, 81, .	4.7	16

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37	Dynamical solutions in the 3-form field background in the Nishino-Salam-Sezgin model. Physical Review D, 2010, 81, .	4.7	15
38	Shear viscosity from Gauss-Bonnet gravity with a dilaton coupling. Physical Review D, 2009, 79, .	4.7	77
39	Generalized Misner-Sharp energy in f(R) gravity. Physical Review D, 2009, 80, .	4.7	77
40	Topological black holes in Hořava-Lifshitz gravity. Physical Review D, 2009, 80, .	4.7	214
41	Black hole solutions in string theory with Gauss-Bonnet curvature correction. Physical Review D, 2009, 80, .	4.7	69
42	Generic estimates for magnetic fields generated during inflation including Dirac-Born-Infeld theories. Physical Review D, 2008, 78, .	4.7	40
43	Entropy function and universality of entropy-area relation for small black holes. Physical Review D, 2008, 77, .	4.7	15
44	Probing the coupling between dark components of the universe. Physical Review D, 2007, 76, .	4.7	327
45	PARAMETRIZATIONS OF THE DARK ENERGY DENSITY AND SCALAR POTENTIALS. Modern Physics Letters A, 2007, 22, 883-890.	1.2	119
46	Realizing scale-invariant density perturbations in low-energy effective string theory. Physical Review D, 2007, 75, .	4.7	40
47	Supersymmetric intersecting branes in time-dependent backgrounds. Physical Review D, 2006, 74, .	4.7	17
48	Supersymmetric rotating black hole in a compactified spacetime. Physical Review D, 2006, 74, .	4.7	6
49	Time-Dependent Supersymmetric Solutions in M-Theory and the Compactification-Decompactification Transition. Progress of Theoretical Physics, 2006, 116, 295-318.	2.0	18
50	Skew-symmetric tensor gauge field theory dynamically realized in the QCD U(1) channel. Nuclear Physics B, 1981, 178, 527-544.	2.5	73