

# Kazufumi Takahashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4344519/publications.pdf>

Version: 2024-02-01

24  
papers

552  
citations

623734

14  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended mimetic gravity: Hamiltonian analysis and gradient instabilities. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 038-038.	5.4	70
2	Extended cuscuton: formulation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 002-002.	5.4	66
3	Fundamental theorem on gauge fixing at the action level. <i>Physical Review D</i> , 2016, 94, .	4.7	50
4	Linear stability analysis of hairy black holes in quadratic degenerate higher-order scalar-tensor theories: Odd-parity perturbations. <i>Physical Review D</i> , 2019, 100, .	4.7	44
5	General Relativity solutions with stealth scalar hair in quadratic higher-order scalar-tensor theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 034-034.	5.4	41
6	General invertible transformation and physical degrees of freedom. <i>Physical Review D</i> , 2017, 95, .	4.7	37
7	Linear perturbation analysis of hairy black holes in shift-symmetric Horndeski theories: Odd-parity perturbations. <i>Physical Review D</i> , 2017, 95, .	4.7	30
8	Black hole perturbations in DHOST theories: master variables, gradient instability, and strong coupling. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 013.	5.4	26
9	Extended cuscuton as dark energy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 004-004.	5.4	26
10	Invertible disformal transformations with higher derivatives. <i>Physical Review D</i> , 2022, 105, .	4.7	24
11	Nonlinear definition of the shadowy mode in higher-order scalar-tensor theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 020.	5.4	24
12	Stable black holes in shift-symmetric Horndeski theories. <i>Classical and Quantum Gravity</i> , 2017, 34, 175007.	4.0	17
13	Avoidance of Strong Coupling in General Relativity Solutions with a Timelike Scalar Profile in a Class of Ghost-Free Scalar-Tensor Theories. <i>Physical Review Letters</i> , 2022, 129, .	7.8	17
14	Linear stability of black holes in shift-symmetric Horndeski theories with a time-independent scalar field. <i>Physical Review D</i> , 2022, 105, .	4.7	15
15	Universal instability of hairy black holes in Lovelock-Galileon theories in D dimensions. <i>Physical Review D</i> , 2016, 93, .	4.7	14
16	The effective field theory of vector-tensor theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 059.	5.4	12
17	Generalized 2D dilaton gravity and kinetic gravity braiding. <i>Classical and Quantum Gravity</i> , 2019, 36, 095003.	4.0	10
18	Effective field theory of anisotropic inflation and beyond. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 027-027.	5.4	7

#	ARTICLE	IF	CITATIONS
19	Theories with limited extrinsic curvature and a nonsingular anisotropic universe. <i>Physical Review D</i> , 2020, 102, .	4.7	6
20	Cosmic no-hair conjecture and inflation with an $SU(3)$ gauge field. <i>Physical Review D</i> , 2021, 104, .	4.7	6
21	Black hole perturbations in higher-order scalar-tensor theories: initial value problem and dynamical stability. <i>Classical and Quantum Gravity</i> , 2022, 39, 175003.	4.0	5
22	Ghost-free resummation of gravitational interactions of a two-form gauge field. <i>Physical Review D</i> , 2020, 101, .	4.7	3
23	Equation of state of dark energy in $f(R)$ gravity. <i>Physical Review D</i> , 2015, 91, .	4.7	2
24	Extended mimetic gravity: Hamiltonian analysis and gradient instabilities. , 2022, , .		0