

Kei-ichi Maeda

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

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citations

304743

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docs citations

63
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	Cuscuta-Galileon cosmology: Dynamics, gravitational constants, and the Hubble constant. Physical Review D, 2022, 105, .	4.7	10
2	Maximal efficiency of collisional Penrose process with spinning particles. , 2022, , .		0
3	Current status of space gravitational wave antenna DECIGO and B-DECIGO. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	150
4	Stability of hybrid Higgs inflation. Physical Review D, 2020, 101, .	4.7	5
5	Post-Newtonian Kozai-Lidov mechanism and its effect on cumulative shift of periastron time of binary pulsar. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1645-1665.	4.4	5
6	Space gravitational-wave antennas DECIGO and B-DECIGO. International Journal of Modern Physics D, 2019, 28, 1845001.	2.1	73
7	Cosmological dynamics and double screening of DBI-Galileon gravity. Physical Review D, 2019, 100, .	4.7	3
8	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -attractor-type double inflation. Physical Review D, 2018, 98, .	4.7	10
9	Maximal efficiency of the collisional Penrose process with spinning particles. Physical Review D, 2018, 98, .	4.7	18
10	Massive graviton geons. Physical Review D, 2018, 97, .	4.7	11
11	Cosmological dynamics of D-Blonic and DBI scalar field and coincidence problem of dark energy. Physical Review D, 2017, 95, .	4.7	6
12	Black Holes and Thunderbolt Singularities with Lifshitz Scaling Terms. , 2017, , .		0
13	Cosmological and astrophysical Vainshtein mechanism in bigravity. , 2017, , .		0
14	Gravitational baryogenesis after anisotropic inflation. Physical Review D, 2016, 93, .	4.7	20
15	Bubble universes with different gravitational constants. Physical Review D, 2015, 92, .	4.7	4
16	Stability of the early universe in bigravity theory. Physical Review D, 2015, 92, .	4.7	27
17	Cosmic acceleration with a negative cosmological constant in higher dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
18	Anisotropic universes in the ghost-free bigravity. Physical Review D, 2013, 87, .	4.7	36

#	ARTICLE	IF	CITATIONS
19	Dynamical brane with angles: Collision of the universes. Physical Review D, 2012, 85, .	4.7	10
20	Creation of the universe with a stealth scalar field. Physical Review D, 2012, 86, .	4.7	12
21	Accelerating universes in string theory via field redefinition. European Physical Journal C, 2012, 72, 1.	3.9	38
22	BLACK HOLE SOLUTIONS IN STRING THEORY WITH GAUSS-BONNET CURVATURE CORRECTION. , 2012, , .		0
23	Cosmological rotating black holes in five-dimensional fake supergravity. Physical Review D, 2011, 83, .	4.7	17
24	AdS black hole solutions in dilatonic Einstein-Gauss-Bonnet gravity. Physical Review D, 2011, 83, .	4.7	13
25	Oscillating Bianchi IX universe in Hořava-Lifshitz gravity. Physical Review D, 2011, 84, .	4.7	17
26	Supersymmetric intersecting branes on the waves. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
27	Oscillating universe in Hořava-Lifshitz gravity. Physical Review D, 2010, 82, .	4.7	43
28	Dynamical p-branes with a cosmological constant. Physical Review D, 2010, 82, .	4.7	17
29	Black hole in the expanding universe from intersecting branes. Physical Review D, 2010, 81, .	4.7	28
30	Black hole in the expanding universe with arbitrary power-law expansion. Physical Review D, 2010, 81, .	4.7	26
31	Attractor universe in the scalar-tensor theory of gravitation. Physical Review D, 2009, 79, .	4.7	23
32	Can higher curvature corrections cure the singularity problem in $f(R)$ gravity? Physical Review D, 2009, 79, .	4.7	76
33	Black hole solutions in string theory with Gauss-Bonnet curvature correction. Physical Review D, 2009, 80, .	4.7	69
34	One-loop corrections to scalar and tensor perturbations during inflation in stochastic gravity. Physical Review D, 2008, 78, .	4.7	42
35	Relativistic stars in $f(R)$ gravity. Physical Review D, 2008, 78, .	4.7	152
36	Entropy function and universality of entropy-area relation for small black holes. Physical Review D, 2008, 77, .	4.7	15

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37	Cosmological density fluctuations in stochastic gravity: Formalism and linear analysis. Physical Review D, 2008, 77, .	4.7	7
38	Collision of Domain Walls and Creation of Matter in Brane World. Progress of Theoretical Physics Supplement, 2008, 172, 90-99.	0.1	3
39	COLLIDING BRANES AND ITS APPLICATION TO STRING COSMOLOGY. , 2008, , .		0
40	DECIGO: THE JAPANESE SPACE GRAVITATIONAL WAVE ANTENNA. , 2008, , .		0
41	Dynamics of colliding branes and black brane production. Physical Review D, 2007, 75, .	4.7	12
42	Gravitational wave signals from a chaotic system: A point mass with a disk. Physical Review D, 2007, 76, .	4.7	11
43	Inflation from superstring and M-theory compactification with higher order corrections. - II. - Case of quartic Weyl terms. Physical Review D, 2006, 73, .	4.7	51
44	Collision of domain walls in asymptotically anti-de Sitter spacetime. Physical Review D, 2006, 73, .	4.7	20
45	CHAOS OF YANG-MILLS FIELD IN BIANCHI SPACETIMES. , 2006, , .		0
46	Stationary Spacetime with Intersecting Branes in M /Superstring Theory. , 2006, , .		0
47	Energy extraction from higher dimensional black holes and black rings. Physical Review D, 2005, 71, .	4.7	43
48	Cosmological coevolution of Yang-Mills fields and perfect fluids. Physical Review D, 2005, 72, .	4.7	12
49	Chaos of Yang-Mills field in class A Bianchi spacetimes. Physical Review D, 2005, 71, .	4.7	12
50	Inflation from superstring and M-theory compactification with higher order corrections. Physical Review D, 2005, 71, .	4.7	93
51	Domain wall dynamics in brane world and nonsingular cosmological models. Physical Review D, 2004, 70, .	4.7	14
52	Collision of domain walls and reheating of the brane universe. Physical Review D, 2004, 70, .	4.7	30
53	Gravitational waves from a chaotic dynamical system. Physical Review D, 2004, 70, .	4.7	33
54	Regular and Black Hole Skyrmions with Axisymmetry. General Relativity and Gravitation, 2004, 36, 1361-1371.	2.0	34

#	ARTICLE	IF	CITATIONS
55	Perturbation theory in Lagrangian hydrodynamics for a cosmological fluid with velocity dispersion. Physical Review D, 2002, 66, .	4.7	17
56	B3: PHYSICS OF THE EARLY UNIVERSE. , 2002, , .		1
57	Bubble Dynamics in Generalized Einstein Theories. Progress of Theoretical Physics, 1993, 90, 1001-1018.	2.0	15
58	Expanding Shell around a Void and Universe Model. Progress of Theoretical Physics, 1993, 89, 1193-1201.	2.0	4
59	Bubble Dynamics in Generalized Einstein Theories. Progress of Theoretical Physics, 1993, 90, 1001-1018.	2.0	6
60	Initial data of axisymmetric gravitational waves with a cosmological constant. , 1992, , 345-352.		0
61	Inflation in a renormalizable cosmological model and the cosmic no-hair conjecture. Physical Review D, 1989, 39, 2848-2853.	4.7	39
62	Chaotic inflationary scenario of the Universe with a nonminimally coupled $\tilde{\text{inflaton}}^{\text{TM}}$ field. Physical Review D, 1989, 39, 399-404.	4.7	362
63	Inflation as a transient attractor in R^2 cosmology. Physical Review D, 1988, 37, 858-862.	4.7	170