

# Kei-ichi Maeda

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,016  
citations

304743

22  
h-index

233421

45  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaotic inflationary scenario of the Universe with a nonminimally coupled $\hat{\phi}$ inflaton field. Physical Review D, 1989, 39, 399-404.	4.7	362
2	Inflation as a transient attractor in $R^2$ cosmology. Physical Review D, 1988, 37, 858-862.	4.7	170
3	Relativistic stars in $f(R)$ gravity. Physical Review D, 2005, 71, 084001.	4.7	152
4	Current status of space gravitational wave antenna DECIGO and B-DECIGO. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	150
5	Inflation from superstring and M-theory compactification with higher order corrections. Physical Review D, 2005, 71, .	4.7	93
6	Can higher curvature corrections cure the singularity problem in $f(R)$ gravity? Physical Review D, 2005, 71, 084001.	4.7	76
7	Space gravitational-wave antennas DECIGO and B-DECIGO. International Journal of Modern Physics D, 2019, 28, 1845001.	2.1	73
8	Black hole solutions in string theory with Gauss-Bonnet curvature correction. Physical Review D, 2009, 80, .	4.7	69
9	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
10	Energy extraction from higher dimensional black holes and black rings. Physical Review D, 2005, 71, .	4.7	43
11	Oscillating universe in $H^{2n+1}$ -Lifshitz gravity. Physical Review D, 2010, 82, .	4.7	43
12	One-loop corrections to scalar and tensor perturbations during inflation in stochastic gravity. Physical Review D, 2008, 78, .	4.7	42
13	Cosmic acceleration with a negative cosmological constant in higher dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
14	Inflation in a renormalizable cosmological model and the cosmic no-hair conjecture. Physical Review D, 1989, 39, 2848-2853.	4.7	39
15	Accelerating universes in string theory via field redefinition. European Physical Journal C, 2012, 72, 1.	3.9	38
16	Anisotropic universes in the ghost-free bigravity. Physical Review D, 2013, 87, .	4.7	36
17	Regular and Black Hole Skymions with Axisymmetry. General Relativity and Gravitation, 2004, 36, 1361-1371.	2.0	34
18	Gravitational waves from a chaotic dynamical system. Physical Review D, 2004, 70, .	4.7	33

#	ARTICLE	IF	CITATIONS
19	Collision of domain walls and reheating of the brane universe. Physical Review D, 2004, 70, .	4.7	30
20	Black hole in the expanding universe from intersecting branes. Physical Review D, 2010, 81, .	4.7	28
21	Stability of the early universe in bigravity theory. Physical Review D, 2015, 92, .	4.7	27
22	Black hole in the expanding universe with arbitrary power-law expansion. Physical Review D, 2010, 81, .	4.7	26
23	Attractor universe in the scalar-tensor theory of gravitation. Physical Review D, 2009, 79, .	4.7	23
24	Collision of domain walls in asymptotically anti-de Sitter spacetime. Physical Review D, 2006, 73, .	4.7	20
25	Gravitational baryogenesis after anisotropic inflation. Physical Review D, 2016, 93, .	4.7	20
26	Maximal efficiency of the collisional Penrose process with spinning particles. Physical Review D, 2018, 98, .	4.7	18
27	Perturbation theory in Lagrangian hydrodynamics for a cosmological fluid with velocity dispersion. Physical Review D, 2002, 66, .	4.7	17
28	Dynamical p-branes with a cosmological constant. Physical Review D, 2010, 82, .	4.7	17
29	Cosmological rotating black holes in five-dimensional fake supergravity. Physical Review D, 2011, 83, .	4.7	17
30	Oscillating Bianchi IX universe in Hořava-Lifshitz gravity. Physical Review D, 2011, 84, .	4.7	17
31	Bubble Dynamics in Generalized Einstein Theories. Progress of Theoretical Physics, 1993, 90, 1001-1018.	2.0	15
32	Entropy function and universality of entropy-area relation for small black holes. Physical Review D, 2008, 77, .	4.7	15
33	Domain wall dynamics in brane world and nonsingular cosmological models. Physical Review D, 2004, 70, .	4.7	14
34	AdS black hole solutions in dilatonic Einstein-Gauss-Bonnet gravity. Physical Review D, 2011, 83, .	4.7	13
35	Cosmological coevolution of Yang-Mills fields and perfect fluids. Physical Review D, 2005, 72, .	4.7	12
36	Chaos of Yang-Mills field in class A Bianchi spacetimes. Physical Review D, 2005, 71, .	4.7	12

#	ARTICLE	IF	CITATIONS
37	Dynamics of colliding branes and black brane production. Physical Review D, 2007, 75, .	4.7	12
38	Creation of the universe with a stealth scalar field. Physical Review D, 2012, 86, .	4.7	12
39	Gravitational wave signals from a chaotic system: A point mass with a disk. Physical Review D, 2007, 76, .	4.7	11
40	Supersymmetric intersecting branes on the waves. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
41	Massive graviton geons. Physical Review D, 2018, 97, .	4.7	11
42	Dynamical brane with angles: Collision of the universes. Physical Review D, 2012, 85, .	4.7	10
43	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -attractor-type double inflation. Physical Review D, 2018, 98, .	4.7	10
44	Cuscuta-Galileon cosmology: Dynamics, gravitational constants, and the Hubble constant. Physical Review D, 2022, 105, .	4.7	10
45	Cosmological density fluctuations in stochastic gravity: Formalism and linear analysis. Physical Review D, 2008, 77, .	4.7	7
46	Cosmological dynamics of D-Brionic and DBI scalar field and coincidence problem of dark energy. Physical Review D, 2017, 95, .	4.7	6
47	Bubble Dynamics in Generalized Einstein Theories. Progress of Theoretical Physics, 1993, 90, 1001-1018.	2.0	6
48	Stability of hybrid Higgs inflation. Physical Review D, 2020, 101, .	4.7	5
49	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
50	Bubble universes with different gravitational constants. Physical Review D, 2015, 92, .	4.7	4
51	Expanding Shell around a Void and Universe Model. Progress of Theoretical Physics, 1993, 89, 1193-1201.	2.0	4
52	Collision of Domain Walls and Creation of Matter in Brane World. Progress of Theoretical Physics Supplement, 2008, 172, 90-99.	0.1	3
53	Cosmological dynamics and double screening of DBI-Galileon gravity. Physical Review D, 2019, 100, .	4.7	3
54	B3: PHYSICS OF THE EARLY UNIVERSE. , 2002, , .		1

#	ARTICLE	IF	CITATIONS
55	CHAOS OF YANG-MILLS FIELD IN BIANCHI SPACETIMES. , 2006, , .		0
56	Stationary Spacetime with Intersecting Branes in $M$ /Superstring Theory. , 2006, , .		0
57	COLLIDING BRANES AND ITS APPLICATION TO STRING COSMOLOGY. , 2008, , .		0
58	DECIGO: THE JAPANESE SPACE GRAVITATIONAL WAVE ANTENNA. , 2008, , .		0
59	BLACK HOLE SOLUTIONS IN STRING THEORY WITH GAUSS-BONNET CURVATURE CORRECTION. , 2012, , .		0
60	Initial data of axisymmetric gravitational waves with a cosmological constant. , 1992, , 345-352.		0
61	Black Holes and Thunderbolt Singularities with Lifshitz Scaling Terms. , 2017, , .		0
62	Cosmological and astrophysical Vainshtein mechanism in bigravity. , 2017, , .		0
63	Maximal efficiency of collisional Penrose process with spinning particles. , 2022, , .		0