

Yuan Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

607
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Thick brane split caused by spacetime torsion. <i>Physical Review D</i> , 2012, 85, .	4.7	67
2	Domain wall brane in squared curvature gravity. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	61
3	Scalar-kinetic branes. <i>Europhysics Letters</i> , 2010, 90, 51001.	2.0	56
4	Gravity localization and mass hierarchy in scalar-tensor branes. <i>Physical Review D</i> , 2012, 86, .	4.7	41
5	Pure geometric thick $f(R)$ -branes: stability and localization of gravity. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	36
6	de Sitter thick brane solution in Weyl geometry. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	33
7	$U(1)$ gauge field localization on a Bloch brane with Chumbes-Holf da Silva-Hott mechanism. <i>Physical Review D</i> , 2014, 90, .	4.7	33
8	New localization method of $U(1)$ gauge vector field on flat branes in (asymptotic) AdS 5 spacetime. <i>Classical and Quantum Gravity</i> , 2015, 32, 035020.	4.0	27
9	Linearization of thick K -branes. <i>Physical Review D</i> , 2013, 88, .	4.7	26
10	Thick branes with inner structure in mimetic gravity. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	26
11	The structure of $f(R)$ -brane model. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	25
12	Collision of two kinks with inner structure. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	22
13	Kink-antikink collision in a Lorentz-violating \ddot{t}^4 model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 807, 135542.	4.1	18
14	Nonperturbative procedure for stable K -brane. <i>Physical Review D</i> , 2014, 89, .	4.7	15
15	Gravitational resonances on $f(R)$ -brane. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	15
16	Stable Palatini $f(R)$ -branes. <i>Physical Review D</i> , 2018, 98, .	4.7	15
17	Brane worlds in critical gravity. <i>Physical Review D</i> , 2013, 88, .	4.7	14
18	K -field kinks: stability, exact solutions and new features. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	12

#	ARTICLE	IF	CITATIONS
19	Localization and mass spectrum of q -form fields on branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 180-186.	4.1	12
20	Kinks in higher derivative scalar field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 346-352.	4.1	11
21	K-field kinks in two-dimensional dilaton gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136716.	4.1	10
22	Matching the linear spectra of twinlike defects. Classical and Quantum Gravity, 2015, 32, 165002.	4.0	8
23	$U(1)$ gauge vector field on a codimension-2 brane. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
24	Revisit on two-dimensional self-gravitating kinks: superpotential formalism and linear stability. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
25	Normal modes for two-dimensional gravitating kinks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136947.	4.1	6
26	Scalar perturbation of gravitating double-kink solutions. Europhysics Letters, 2022, 137, 49001.	2.0	3
27	Kaluza-Klein modes of $U(1)$ gauge vector field on brane with codimension- d . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135781.	4.1	2