

Yuan Zhong

List of Publications by Year in descending order

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papers

607
citations

623734

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27
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal modes for two-dimensional gravitating kinks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 136947.	4.1	6
2	Scalar perturbation of gravitating double-kink solutions. <i>Europhysics Letters</i> , 2022, 137, 49001.	2.0	3
3	Revisit on two-dimensional self-gravitating kinks: superpotential formalism and linear stability. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	6
4	K-field kinks in two-dimensional dilaton gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136716.	4.1	10
5	Kaluza-Klein modes of U(1) gauge vector field on brane with codimension-d. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135781.	4.1	2
6	Kink-antikink collision in a Lorentz-violating $\mathbb{R}^{1,4}$ model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 807, 135542.	4.1	18
7	Collision of two kinks with inner structure. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	22
8	U(1) gauge vector field on a codimension-2 brane. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	7
9	Thick branes with inner structure in mimetic gravity. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	26
10	Kinks in higher derivative scalar field theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 346-352.	4.1	11
11	Stable Palatini braneworld. <i>Physical Review D</i> , 2018, 98, .	4.7	15
12	Localization and mass spectrum of q-form fields on branes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 757, 180-186.	4.1	12
13	Pure geometric thick f(R)-branes: stability and localization of gravity. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	36
14	Gravitational resonances on f(R)-brane. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	15
15	The structure of f(R)-brane model. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	25
16	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
17	Matching the linear spectra of twinlike defects. <i>Classical and Quantum Gravity</i> , 2015, 32, 165002.	4.0	8
18	Nonperturbative procedure for stable K-brane. <i>Physical Review D</i> , 2014, 89, .	4.7	15

#	ARTICLE	IF	CITATIONS
19	K-field kinks: stability, exact solutions and new features. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
20	U(1)gauge field localization on a Bloch brane with Chumbes-Holf da Silva-Hott mechanism. Physical Review D, 2014, 90, .	4.7	33
21	Brane worlds in critical gravity. Physical Review D, 2013, 88, .	4.7	14
22	Linearization of thick K -branes. Physical Review D, 2013, 88, .	4.7	26
23	Gravity localization and mass hierarchy in scalar-tensor branes. Physical Review D, 2012, 86, .	4.7	41
24	Thick brane split caused by spacetime torsion. Physical Review D, 2012, 85, .	4.7	67
25	Domain wall brane in squared curvature gravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	61
26	Scalar-kinetic branes. Europhysics Letters, 2010, 90, 51001.	2.0	56
27	de Sitter thick brane solution in Weyl geometry. Journal of High Energy Physics, 2010, 2010, 1.	4.7	33