

Kayoomars Karami

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

1,904
citations

218381

26
h-index

315357

38
g-index

92
all docs

92
docs citations

92
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized second law of thermodynamics in $f(T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 007-007.	1.9	142
2	New holographic scalar field models of dark energy in non-flat universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 61-68.	1.5	86
3	Interacting polytropic gas model of phantom dark energy in non-flat universe. European Physical Journal C, 2009, 64, 85.	1.4	73
4	$f(T)$ modified teleparallel gravity as an alternative for holographic and new agegraphic dark energy models. Research in Astronomy and Astrophysics, 2013, 13, 757-771.	0.7	62
5	Reconstructing $f(R)$ modified gravity from ordinary and entropy-corrected versions of the holographic and new agegraphic dark energy models. Journal of High Energy Physics, 2011, 2011, 1.	1.6	55
6	Interacting new agegraphic tachyon, K-essence and dilaton scalar field models of dark energy in non-flat universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 686, 216-220.	1.5	54
7	The generalized second law of gravitational thermodynamics on the apparent and event horizons in FRW cosmology. Classical and Quantum Gravity, 2010, 27, 205021.	1.5	46
8	Interacting entropy-corrected new agegraphic dark energy in Brans-Dicke cosmology. General Relativity and Gravitation, 2011, 43, 27-39.	0.7	46
9	The generalized second law in irreversible thermodynamics for the interacting dark energy in a non-flat FRW universe enclosed by the apparent horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 115-119.	1.5	45
10	Holographic dark energy in Brans-Dicke theory with logarithmic correction. General Relativity and Gravitation, 2012, 44, 623-638.	0.7	45
11	Reconstructing interacting entropy-corrected holographic scalar field models of dark energy in the non-flat universe. Physica Scripta, 2011, 83, 025901.	1.2	42
12	Comment on "Interacting holographic dark energy model and generalized second law of thermodynamics in a non-flat universe", by M.R. Setare (JCAP 01 (2007) 023). Journal of Cosmology and Astroparticle Physics, 2010, 2010, 015-015.	1.9	41
13	Holographic $f(T)$ gravity. http://www.w3.org/1998/Math/MathML display="inline" $f(T) = T - \frac{\eta}{T}$ (stretch="false") http://www.w3.org/1998/Math/MathML display="inline" $T = \frac{1}{2}g^{\mu\nu}\partial_\mu\phi\partial_\nu\phi - V(\phi)$ (stretch="false") Review D, 2013, 08,	1.9	41
14	Thermodynamics of apparent horizon in modified FRW universe with power-law corrected entropy. Journal of High Energy Physics, 2011, 2011, 1.	1.6	37
15	Intermediate inflation from a non-canonical scalar field. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 053-053.	1.9	36
16	The generalized second law of thermodynamics for the interacting polytropic dark energy in non-flat FRW universe enclosed by the apparent horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 125-128.	1.5	35
17	Power-law and intermediate inflationary models in $f(T)$ -gravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
18	Holographic Dark Energy in a Non-flat Universe with Granda-Oliveros Cut-off. International Journal of Theoretical Physics, 2010, 49, 1118-1126.	0.5	31

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19	Generalized second law of thermodynamics in modified FRW cosmology with corrected entropy-area relation. <i>Europhysics Letters</i> , 2011, 93, 29002.	0.7	30
20	Effect of Potassium Citrate Salts on the Transport Behavior of α -Alanine in Aqueous Solutions at $T = (293.15 \text{ to } 308.15) \text{ K}$. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 791-794.	1.0	29
21	The generalized second law of gravitational thermodynamics on the apparent horizon in $f(R)$ -gravity. <i>Europhysics Letters</i> , 2012, 98, 30010.	0.7	29
22	THE EFFECT OF A TWISTED MAGNETIC FIELD ON THE PERIOD RATIO P_1/P_2 OF NONAXISYMMETRIC MAGNETOHYDRODYNAMIC WAVES. <i>Astrophysical Journal</i> , 2012, 757, 186.	1.6	29
23	Holographic Dark Energy in Brans-Dicke Cosmology with Granda-Oliveros Cut-off. <i>International Journal of Theoretical Physics</i> , 2012, 51, 604-611.	0.5	29
24	Holographic, new agegraphic, and ghost dark energy models in fractal cosmology. <i>Canadian Journal of Physics</i> , 2013, 91, 770-776.	0.4	28
25	Generalized second law of thermodynamics in scalar-tensor gravity. <i>Physical Review D</i> , 2014, 89, .	1.6	28
26	The Effect of Twisted Magnetic Field on the Resonant Absorption of MHD Waves in Coronal Loops. <i>Solar Physics</i> , 2010, 263, 87-103.	1.0	26
27	Reconstructing interacting new agegraphic polytropic gas model in non-flat FRW universe. <i>Astrophysics and Space Science</i> , 2010, 330, 133-136.	0.5	26
28	Interacting viscous ghost tachyon, K-essence and dilaton scalar field models of dark energy. <i>Classical and Quantum Gravity</i> , 2013, 30, 065018.	1.5	26
29	Reconstructing an interacting holographic polytropic gas model in a non-flat FRW universe. <i>Physica Scripta</i> , 2010, 81, 055901.	1.2	25
30	Restoring New Agegraphic Dark Energy in RS II Braneworld. <i>International Journal of Theoretical Physics</i> , 2011, 50, 3069-3077.	0.5	25
31	The generalized second law for the interacting generalized Chaplygin gas model in non-flat universe enclosed by the apparent horizon. <i>Astrophysics and Space Science</i> , 2011, 331, 309-314.	0.5	25
32	QCD ghost $f(T)$ -gravity model. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	25
33	Interacting entropy-corrected new agegraphic dark energy in the non-flat universe. <i>Physica Scripta</i> , 2010, 82, 025901.	1.2	23
34	Polytropic and Chaplygin $f(T)$ -gravity models. <i>Journal of Physics: Conference Series</i> , 2012, 375, 032009.	0.3	23
35	Primordial black holes and induced gravitational waves in k -inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 056.	1.9	23
36	Warm DBI inflation with constant sound speed. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	22

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37	Logamediate Inflation in $f(T)$ Teleparallel Gravity. <i>Astrophysical Journal</i> , 2017, 836, 228.	1.6	20
38	Third Order Effect of Rotation on Stellar Oscillations of a B Star. <i>Research in Astronomy and Astrophysics</i> , 2008, 8, 285-308.	1.1	19
39	Primordial black holes formation in the inflationary model with field-dependent kinetic term for quartic and natural potentials. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	18
40	The effects of twisted magnetic field on coronal loop oscillations and dissipation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 521-526.	1.6	17
41	QCD MODIFIED GHOST SCALAR FIELD DARK ENERGY MODELS. <i>International Journal of Modern Physics D</i> , 2013, 22, 1350018.	0.9	17
42	Tachyon inflation with steep potentials. <i>Physical Review D</i> , 2017, 95, .	1.6	16
43	Power-Law Entropy-Corrected HDE and NADE in Brans-Dicke Cosmology. <i>International Journal of Theoretical Physics</i> , 2012, 51, 1663-1673.	0.5	15
44	Brans-Dicke inflation in light of the Planck 2015 data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 006-006.	1.9	15
45	Resurrecting the Power-law, Intermediate, and Logamediate Inflations in the DBI Scenario with Constant Sound Speed. <i>Astrophysical Journal</i> , 2018, 853, 188.	1.6	15
46	Mechanism of primordial black holes production and secondary gravitational waves in $\hat{\Lambda}$ -attractor Galileon inflationary scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 018.	1.9	15
47	Resonant absorption of kink magnetohydrodynamic waves by a magnetic twist in coronal loops. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1002-1011.	1.6	14
48	Primordial Black Holes Formation and Secondary Gravitational Waves in Nonminimal Derivative Coupling Inflation. <i>Astrophysical Journal</i> , 2021, 915, 118.	1.6	14
49	The effects of density stratification on standing fast body oscillations in coronal loops and dissipation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 97-102.	1.6	13
50	Irreversible thermodynamics of dark energy on the entropy-corrected apparent horizon. <i>Physica Scripta</i> , 2010, 82, 045901.	1.2	13
51	Thermodynamical description of interacting entropy-corrected new agegraphic dark energy. <i>Europhysics Letters</i> , 2011, 93, 69001.	0.7	13
52	Primordial black holes in nonminimal derivative coupling inflation with quartic potential and reheating consideration. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	13
53	POLYTROPIC AND CHAPLYGIN $f(R)$ -GRAVITY MODELS. <i>International Journal of Modern Physics D</i> , 2012, 21, 1250083.	0.9	12
54	Cosmological Constraints on Polytropic Gas Model. <i>International Journal of Theoretical Physics</i> , 2014, 53, 1248-1262.	0.5	12

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55	Velocity curve analysis of the spectroscopic binary stars by the non-linear least squares. <i>Astrophysics and Space Science</i> , 2007, 311, 435-442.	0.5	11
56	Galileon Intermediate Inflation. <i>Astrophysical Journal</i> , 2018, 864, 41.	1.6	11
57	Primordial black holes ensued from exponential potential and coupling parameter in nonminimal derivative inflation model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 033.	1.9	11
58	Phase-Mixing and Dissipation of Standing Shear Alfvén Waves. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 448-453.	1.3	10
59	The Effect of a Twisted Magnetic Field on the Phase Mixing of the Kink Magnetohydrodynamic Waves in Coronal Loops. <i>Astrophysical Journal</i> , 2017, 845, 86.	1.6	10
60	The Generalized Second Law for the Interacting New Agegraphic Dark Energy in a Non-flat FRW Universe Enclosed by the Dynamical Apparent Horizon. <i>International Journal of Theoretical Physics</i> , 2011, 50, 1656-1663.	0.5	9
61	Resurrecting the exponential and inverse power-law potentials in non-canonical inflation. <i>Nuclear Physics B</i> , 2017, 921, 25-38.	0.9	9
62	Resonant absorption in dissipative flux tubes. <i>Astronomy and Astrophysics</i> , 2006, 448, 375-378.	2.1	8
63	Velocity Curve Analysis of Spectroscopic Binary Stars Al Phe, GM Dra, HD 93917 and V502 Oph by Nonlinear Regression. <i>Research in Astronomy and Astrophysics</i> , 2007, 7, 558-564.	1.1	8
64	The effect of density stratification on the resonant absorption of MHD waves in coronal loops. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1973-1977.	1.6	8
65	Torsional Alfvén waves in stratified and expanding magnetic flux tubes. <i>Astrophysics and Space Science</i> , 2011, 333, 463-470.	0.5	8
66	Interacting viscous entropy-corrected holographic scalar field models of dark energy with time-varying G in modified FRW cosmology. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 26-38.	0.7	8
67	Power-law entropy-corrected new agegraphic dark energy in Hořava-Lifshitz cosmology. <i>Canadian Journal of Physics</i> , 2012, 90, 473-479.	0.4	8
68	Phase Mixing of Kink MHD Waves in the Solar Corona: Viscous Dissipation and Heating. <i>Astrophysical Journal</i> , 2020, 893, 157.	1.6	8
69	Normal modes of magnetic flux tubes and dissipation. <i>Astronomy and Astrophysics</i> , 2002, 396, 993-1002.	2.1	7
70	Velocity curve analysis of the spectroscopic binary stars PV Pup, HD 141929, EE Cet and V921 Her by nonlinear regression. <i>Journal of Astrophysics and Astronomy</i> , 2007, 28, 217-230.	0.4	7
71	Entropy-corrected new agegraphic dark energy in Hořava-Lifshitz cosmology. <i>Astrophysics and Space Science</i> , 2012, 340, 175-184.	0.5	7
72	Ghost Chaplygin scalar field model of dark energy. <i>Canadian Journal of Physics</i> , 2013, 91, 54-59.	0.4	7

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73	The Effect of Weak Magnetic Twist on Resonant Absorption of Slow Sausage Waves in Magnetic Flux Tubes. <i>Astrophysical Journal</i> , 2019, 879, 121.	1.6	7
74	Application of a new non-linear least squares velocity curve analysis technique for spectroscopic binary stars. <i>Astrophysics and Space Science</i> , 2008, 318, 69-71.	0.5	6
75	Generalized Brans-Dicke inflation with a quartic potential. <i>Nuclear Physics B</i> , 2017, 918, 1-10.	0.9	6
76	The Effect of Flow on the Resonance Absorption of Slow MHD Waves in Magnetic Flux Tubes. <i>Astrophysical Journal</i> , 2021, 909, 201.	1.6	6
77	Velocity curve analysis of the spectroscopic binary stars RZ Cas, CC Cas, HS Her, HD 93917, V921 Her and Y Cygni by the artificial neural networks. <i>Astronomische Nachrichten</i> , 2009, 330, 836-842.	0.6	4
78	Velocity curve studies of spectroscopic binary stars V380 Cygni, V401 Cyg, V523 Cas, V373 Cas and V2388 Oph. <i>Journal of Astrophysics and Astronomy</i> , 2009, 30, 153-163.	0.4	4
79	Third order effect of rotation on stellar oscillations of a $\hat{\iota}^2$ -Cephei star. <i>Astrophysics and Space Science</i> , 2009, 319, 37-44.	0.5	3
80	Structure formation in clustering DBI dark energy model with constant sound speed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2393-2406.	1.6	3
81	The growth of DM and DE perturbations in DBI non-canonical scalar field scenario. <i>Annals of Physics</i> , 2020, 422, 168299.	1.0	3
82	$f(\mathcal{G})$ gravity after GW170817. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	0.5	3
83	Velocity-Curve Analysis of the Spectroscopic Binary Stars V373 Cas, V2388 Oph, V401 Cyg, GM Dra, V523 Cas, AB And and HD 141929 by Artificial Neural Networks. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 121-127.	1.3	2
84	Resonantly damped oscillations of elliptically shaped stratified emerging coronal loops. <i>Astrophysics and Space Science</i> , 2013, 347, 29-39.	0.5	2
85	Resonant absorption of kink MHD waves in inclined and asymmetric coronal loops. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 2172-2182.	1.6	2
86	Velocity curve analysis of the spectroscopic binary stars V2082 Cyg, V918 Her, BW Dra, V2357 Oph, YZ Cas and V380 Cygni by the Artificial Neural Networks. <i>New Astronomy</i> , 2009, 14, 478-482.	0.8	1
87	Application of a probabilistic neural network in radial velocity curve analysis of the spectroscopic binary stars PV Pup, BV Dra, AI Phe, V1130 Tau, NSV 223, and V502 Oph. <i>Canadian Journal of Physics</i> , 2011, 89, 1035-1040.	0.4	1
88	Application of a probabilistic neural network in analysis of the radial velocity curve of spectroscopic binary stars. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 1666-1672.	0.7	1
89	Chaplygin scalar field reconstruction of the modified ghost dark energy model. <i>Canadian Journal of Physics</i> , 2015, 93, 855-861.	0.4	1