

Mehrdad Farhoudi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6999670/publications.pdf>

Version: 2024-02-01

35
papers

952
citations

567247

15
h-index

434170

31
g-index

35
all docs

35
docs citations

35
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological and solar system consequences of $\int \frac{1}{R} \frac{dT}{T} = \ln \left(\frac{R_0 T_0}{R T} \right)$. <i>Physical Review D</i> , 2013, 88, 043504.	4.7	190
2	Dark matter from Lovelock tensor. <i>Physical Review D</i> , 2013, 88, 043505.	4.7	123
3	On higher order gravities, their analogy to GR, and dimensional dependent version of Duff's trace anomaly relation. <i>General Relativity and Gravitation</i> , 2006, 38, 1261-1284.	2.0	45
4	Accelerating universe in $\int \frac{1}{R} \frac{dT}{T} = \ln \left(\frac{R_0 T_0}{R T} \right)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 660, 275-281.	4.1	34
5	An anisotropic cosmological model in a modified Brans-Dicke theory. <i>Classical and Quantum Gravity</i> , 2011, 28, 155004.	4.0	34
6	Chameleonic Generalized Brans-Dicke model and late-time acceleration. <i>Astrophysics and Space Science</i> , 2012, 337, 415-423.	1.4	32
7	Cosmic acceleration from matter-curvature coupling. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	2.0	27
8	FRW cosmology from five dimensional vacuum Brans-Dicke theory. <i>General Relativity and Gravitation</i> , 2011, 43, 847-869.	2.0	23
9	Modified Brans-Dicke theory in arbitrary dimensions. <i>Classical and Quantum Gravity</i> , 2014, 31, 115002.	4.0	23
10	Lovelock tensor as generalized Einstein tensor. <i>General Relativity and Gravitation</i> , 2009, 41, 117-129.	2.0	22
11	On Dynamics of Brans-Dicke Theory of Gravitation. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2558-2568.	1.2	20
12	Horizon problem remediation via deformed phase space. <i>General Relativity and Gravitation</i> , 2011, 43, 2895-2910.	2.0	19
13	CLASSICAL TRACE ANOMALY. <i>International Journal of Modern Physics D</i> , 2005, 14, 1233-1250.	2.1	17
14	Inflationary universe in deformed phase space scenario. <i>Annals of Physics</i> , 2018, 393, 288-307.	2.8	17
15	DARK ENERGY FROM FIFTH-DIMENSIONAL BRANS-DICKE THEORY. <i>International Journal of Modern Physics D</i> , 2013, 22, 1350070.	2.1	15
16	Chameleon field dynamics during inflation. <i>International Journal of Modern Physics D</i> , 2018, 27, 1850041.	2.1	13
17	Primordial black hole merger rate in ellipsoidal-collapse dark matter halo models. <i>Physical Review D</i> , 2021, 103, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	Noncommutative double scalar fields in FRW cosmology as cosmical oscillators. <i>Classical and Quantum Gravity</i> , 2010, 27, 245009.	4.0	12
20	A cosmology with variable c . <i>Canadian Journal of Physics</i> , 2006, 84, 933-944.	1.1	11
21	Gravitomagnetism and Non-commutative Geometry. <i>International Journal of Theoretical Physics</i> , 2014, 53, 815-829.	1.2	11
22	A varying- c cosmology. <i>Canadian Journal of Physics</i> , 2007, 85, 1395-1408.	1.1	10
23	Noncommutativity effects in FRW scalar field cosmology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 174-180.	4.1	10
24	Electron dynamics in noncommutative geometry with magnetic field and Zitterbewegung phenomenon. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	9
25	Quantum mechanics and geodesic deviation in the brane world. <i>Europhysics Letters</i> , 2009, 87, 40006.	2.0	7
26	Primordial black hole merger rate in self-interacting dark matter halo models. <i>Physical Review D</i> , 2022, 105, .	4.7	7
27	Noncommutative universe and chameleon field dynamics. <i>Annals of Physics</i> , 2018, 395, 1-14.	2.8	6
28	ABOUT GRAVITOMAGNETISM. <i>Modern Physics Letters A</i> , 2009, 24, 601-613.	1.2	5
29	Zitterbewegung in External Magnetic Field: Classic versus Quantum Approach. <i>Foundations of Physics</i> , 2011, 41, 1355-1374.	1.3	5
30	Cosmological constant implementing Mach principle in general relativity. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	2.0	5
31	Ether and Relativity. <i>International Journal of Theoretical Physics</i> , 2016, 55, 2436-2454.	1.2	3
32	Third Order Lagrangians, Weyl Invariants and Classical Trace Anomaly in Six Dimensions. <i>International Journal of Theoretical Physics</i> , 2013, 52, 4110-4138.	1.2	1
33	Zitterbewegung in noncommutative geometry. <i>International Journal of Modern Physics A</i> , 2019, 34, 1950045.	1.5	1
34	Black holes in the varying speed of light theory. <i>Canadian Journal of Physics</i> , 2007, 85, 1409-1415.	1.1	0
35	QED treatment of linear elastic waves in asymmetric environments. <i>Waves in Random and Complex Media</i> , 0, , 1-15.	2.7	0