

Mohammad Takook

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9114633/publications.pdf>

Version: 2024-02-01

39
papers

639
citations

687363

13
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Gupta-Bleuler quantization for minimally coupled scalar fields in de Sitter space. Classical and Quantum Gravity, 2000, 17, 1415-1434.	4.0	115
2	â€œMassiveâ€•spin-2 field in de Sitter space. Journal of Mathematical Physics, 2003, 44, 3838.	1.1	73
3	â€œMasslessâ€•vector field in de Sitter universe. Journal of Mathematical Physics, 2008, 49, .	1.1	60
4	â€œMassiveâ€•vector field in de Sitter space. Journal of Mathematical Physics, 2000, 41, 5920-5933.	1.1	55
5	Conformally invariant â€œmasslessâ€•spin-2 field in the de Sitter universe. Physical Review D, 2008, 77, .	4.7	51
6	Conformally invariant wave equations and massless fields in de Sitter spacetime. Physical Review D, 2006, 74, .	4.7	39
7	A Naturally Renormalized Quantum Field Theory. International Journal of Theoretical Physics, 2009, 48, 2740-2747.	1.2	28
8	Conformal linear gravity in de Sitter space. Journal of Mathematical Physics, 2010, 51, 032503.	1.1	24
9	Tree-level scattering amplitude in de Sitter space. Europhysics Letters, 2004, 68, 15-18.	2.0	22
10	SCALAR EFFECTIVE ACTION IN KREIN SPACE QUANTIZATION. Modern Physics Letters A, 2011, 26, 31-41.	1.2	21
11	Linear Weyl gravity in de Sitter universe. Journal of High Energy Physics, 2010, 2010, 1.	4.7	15
12	Conformal linear gravity in de Sitter space II. European Physical Journal C, 2012, 72, 1.	3.9	15
13	One-loop approximation of MÃ¼ller scattering in generalized Krein-space quantization. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 212-217.	0.2	13
14	Comment on: â€œâ€œMassiveâ€•vector field in de Sitter spaceâ€•[J. Math. Phys. 41, 5920 (2000)]. Journal of Mathematical Physics, 2002, 43, 6379-6379.	1.1	11
15	ABELIAN GAUGE THEORY IN DE SITTER SPACE. Modern Physics Letters A, 2005, 20, 2387-2396.	1.2	11
16	Power Spectrum in Krein Space Quantization. International Journal of Theoretical Physics, 2009, 48, 755-762.	1.2	8
17	Conformally covariant vectorâ€•spinor field in de Sitter space. European Physical Journal C, 2014, 74, 1.	3.9	8
18	Super-gauge field in de Sitter universe. European Physical Journal C, 2016, 76, 1.	3.9	8

#	ARTICLE	IF	CITATIONS
19	Quantum Linear Gravity in de Sitter Universe on Gupta-Bleuler Vacuum State. International Journal of Theoretical Physics, 2017, 56, 1068-1084.	1.2	8
20	QED in Krein Space Quantization. International Journal of Theoretical Physics, 2011, 50, 2466-2476.	1.2	7
21	Covariant quantization of massive spin- $\frac{3}{2}$ fields in the de Sitter space. European Physical Journal C, 2012, 72, 1.	3.9	7
22	Auxiliary Massless Spin-2 Field in De Sitter Universe. International Journal of Theoretical Physics, 2010, 49, 2263-2277.	1.2	5
23	Entropy of massive quantum fields in de Sitter space-time. Annals of Physics, 2016, 367, 6-12.	2.8	4
24	Electron-photon interaction in de Sitter ambient space formalism. Modern Physics Letters A, 2018, 33, 1850006.	1.2	4
25	Thermodynamics of nonlinearly charged black holes in the Brans-Dicke modified gravity theory. Journal of Theoretical and Applied Physics, 2018, 12, 147-157.	1.4	4
26	Krein-regularization method. Modern Physics Letters A, 2022, 37, .	1.2	4
27	Polarization tensor in de Sitter gauge gravity. International Journal of Modern Physics D, 2021, 30, 2150035.	2.1	3
28	Field Quantization in Krein space. AIP Conference Proceedings, 2007, , .	0.4	2
29	Spectrum of Scalar Curvature Perturbations in Krein Space Quantization. International Journal of Theoretical Physics, 2010, 49, 2409-2416.	1.2	2
30	Two and three particles entanglement; helicity and spin with momentum. Journal of Theoretical and Applied Physics, 2017, 11, 263-268.	1.4	2
31	Scalar-spinor fields interaction in de Sitter ambient space formalism. Modern Physics Letters A, 2019, 34, 1950205.	1.2	2
32	Conceptual and Technical Challenges of Quantum Gravity. International Journal of Theoretical Physics, 2020, 59, 2540-2556.	1.2	2
33	Massless Spin-2 Rank-3 Tensor Field in de Sitter Universe. International Journal of Theoretical Physics, 2020, 59, 1820-1828.	1.2	2
34	Gravitational Wave Detection by Bounded Cold Electronic Plasma in a Long Pipe. International Journal of Theoretical Physics, 2010, 49, 84-97.	1.2	1
35	Thermodynamics of charged rotating solutions in Brans-Dicke gravity with Born-Infeld field. Iranian Physical Journal, 2017, 11, 209-216.	1.2	1
36	Photon decaying in de Sitter universe. Journal of Theoretical and Applied Physics, 2019, 13, 383-389.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Experimental Structure of Gravitational Wave Detection by Bounded Cold Electronic Plasma in a Long Pipe. International Journal of Theoretical Physics, 2010, 49, 2417-2424.	1.2	0
38	Dark Energy in Weyl- f (R) Gravity. International Journal of Theoretical Physics, 2016, 55, 722-729.	1.2	0
39	Thermodynamics of 4-dimensional charged black holes in Brans-Dicke-Born-Infeld gravity theory. Astrophysics and Space Science, 2018, 363, 1.	1.4	0