

Mohammad Takook

List of Publications by Year in descending order

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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	â€œKreinâ€regularization method. Modern Physics Letters A, 2022, 37, .	1.2	4
2	Polarization tensor in de Sitter gauge gravity. International Journal of Modern Physics D, 2021, 30, 2150035.	2.1	3
3	Conceptual and Technical Challenges of Quantum Gravity. International Journal of Theoretical Physics, 2020, 59, 2540-2556.	1.2	2
4	Massless Spin-2 Rank-3 Tensor Field in de Sitter Universe. International Journal of Theoretical Physics, 2020, 59, 1820-1828.	1.2	2
5	Scalarâ€spinor fields interaction in de Sitter ambient space formalism. Modern Physics Letters A, 2019, 34, 1950205.	1.2	2
6	Photon decaying in de Sitter universe. Journal of Theoretical and Applied Physics, 2019, 13, 383-389.	1.4	1
7	Electronâ€photon interaction in de Sitter ambient space formalism. Modern Physics Letters A, 2018, 33, 1850006.	1.2	4
8	Thermodynamics of 4-dimensional charged black holes in Brans-Dicke-Born-Infeld gravity theory. Astrophysics and Space Science, 2018, 363, 1.	1.4	0
9	Thermodynamics of nonlinearly charged black holes in the Bransâ€Dicke modified gravity theory. Journal of Theoretical and Applied Physics, 2018, 12, 147-157.	1.4	4
10	Quantum Linear Gravity in de Sitter Universe on Gupta-Bleuler Vacuum State. International Journal of Theoretical Physics, 2017, 56, 1068-1084.	1.2	8
11	Two and three particles entanglement; helicity and spin with momentum. Journal of Theoretical and Applied Physics, 2017, 11, 263-268.	1.4	2
12	Thermodynamics of charged rotating solutions in Bransâ€Dicke gravity with Bornâ€Infeld field. Iranian Physical Journal, 2017, 11, 209-216.	1.2	1
13	Super-gauge field in de Sitter universe. European Physical Journal C, 2016, 76, 1.	3.9	8
14	Entropy of massive quantum fields in de Sitter spaceâ€time. Annals of Physics, 2016, 367, 6-12.	2.8	4
15	Dark Energy in Weyl-f(R) Gravity. International Journal of Theoretical Physics, 2016, 55, 722-729.	1.2	0
16	Conformally covariant vectorâ€spinor field in de Sitter space. European Physical Journal C, 2014, 74, 1.	3.9	8
17	Covariant quantization of â€massiveâ€spin- $\frac{3}{2}$ fields in the de sitter space. European Physical Journal C, 2012, 72, 1.	3.9	7
18	Conformal linear gravity in de Sitter space II. European Physical Journal C, 2012, 72, 1.	3.9	15

#	ARTICLE	IF	CITATIONS
19	SCALAR EFFECTIVE ACTION IN KREIN SPACE QUANTIZATION. <i>Modern Physics Letters A</i> , 2011, 26, 31-41.	1.2	21
20	QED in Krein Space Quantization. <i>International Journal of Theoretical Physics</i> , 2011, 50, 2466-2476.	1.2	7
21	Linear Weyl gravity in de Sitter universe. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	15
22	Gravitational Wave Detection by Bounded Cold Electronic Plasma in a Long Pipe. <i>International Journal of Theoretical Physics</i> , 2010, 49, 84-97.	1.2	1
23	Auxiliary ϵ -Massless Spin-2 Field in De Sitter Universe. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2263-2277.	1.2	5
24	Spectrum of Scalar Curvature Perturbations in Krein Space Quantization. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2409-2416.	1.2	2
25	Experimental Structure of Gravitational Wave Detection by Bounded Cold Electronic Plasma in a Long Pipe. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2417-2424.	1.2	0
26	Conformal linear gravity in de Sitter space. <i>Journal of Mathematical Physics</i> , 2010, 51, 032503.	1.1	24
27	Power Spectrum in Krein Space Quantization. <i>International Journal of Theoretical Physics</i> , 2009, 48, 755-762.	1.2	8
28	A Naturally Renormalized Quantum Field Theory. <i>International Journal of Theoretical Physics</i> , 2009, 48, 2740-2747.	1.2	28
29	One-loop approximation of Møller scattering in generalized Krein-space quantization. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2009, 52, 212-217.	0.2	13
30	ϵ -Massless vector field in de Sitter universe. <i>Journal of Mathematical Physics</i> , 2008, 49, .	1.1	60
31	Conformally invariant ϵ -massless spin-2 field in the de Sitter universe. <i>Physical Review D</i> , 2008, 77, .	4.7	51
32	Field Quantization in Krein space. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
33	Conformally invariant wave equations and massless fields in de Sitter spacetime. <i>Physical Review D</i> , 2006, 74, .	4.7	39
34	ABELIAN GAUGE THEORY IN DE SITTER SPACE. <i>Modern Physics Letters A</i> , 2005, 20, 2387-2396.	1.2	11
35	Tree-level scattering amplitude in de Sitter space. <i>Europhysics Letters</i> , 2004, 68, 15-18.	2.0	22
36	ϵ -Massive spin-2 field in de Sitter space. <i>Journal of Mathematical Physics</i> , 2003, 44, 3838.	1.1	73

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37	Comment on: "Massive" vector field in de Sitter space [J. Math. Phys. 41, 5920 (2000)]. Journal of Mathematical Physics, 2002, 43, 6379-6379.	1.1	11
38	"Massive" vector field in de Sitter space. Journal of Mathematical Physics, 2000, 41, 5920-5933.	1.1	55
39	Gupta-Bleuler quantization for minimally coupled scalar fields in de Sitter space. Classical and Quantum Gravity, 2000, 17, 1415-1434.	4.0	115