Mir Faizal

List of Publications by Year
in descending order

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101	2,414	172457	233421
papers	citations	29	45
		h-index	g-index

102	102	102	472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Remnant for all black objects due to gravity's rainbow. Nuclear Physics B, 2015, 894, 341-360.	2.5	116
2	Thermal fluctuations in a charged AdS black hole. Europhysics Letters, 2015, 111, 40006.	2.0	102
3	Effects of thermal fluctuations on the thermodynamics of modified Hayward black hole. European Physical Journal C, 2016, 76, 1.	3.9	100
4	Absence of black holes at LHC due to gravity's rainbow. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 295-300.	4.1	97
5	Charged dilatonic black holes in gravityâ€™s rainbow. European Physical Journal C, 2016, 76, 1.	3.9	94
6	GUP-corrected thermodynamics for all black objects and the existence of remnants. International Journal of Modern Physics A, 2015, 30, 1550144.	1.5	89
7	Absence of an effective Horizon for black holes in Gravity's Rainbow. Europhysics Letters, 2015, 109, 20001.	2.0	80
8	Critical behavior of charged black holes in Gauss-Bonnet gravityâ€™s rainbow. Physical Review D, 2016, 94, .	4.7	79
9	Remnants of black rings from gravityâ€™s rainbow. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
10	NONSINGULAR UNIVERSES IN GAUSSâ€“BONNET GRAVITYâ€™S RAINBOW. Astrophysical Journal, 2016, 827, 153	4.5	68
11	Black holes in Gauss-Bonnet gravityâ€™s rainbow. Physical Review D, 2015, 92, .	4.7	58
12	Constraints on the Generalized Uncertainty Principle from black-hole thermodynamics. Europhysics Letters, 2015, 112, 20006.	2.0	57
13	Spontaneous breaking of Lorentz symmetry by ghost condensation in perturbative quantum gravity. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 402001.	2.1	45
14	Vaidya spacetime for Galileon gravity's rainbow. Nuclear Physics B, 2016, 909, 725-736.	2.5	44
15	Clustering of galaxies with f(R) gravity. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2430-2443.	4.4	43
16	Incorporation of generalized uncertainty principle into Lifshitz field theories. Annals of Physics, 2015, 357, 49-58.	2.8	40
17	Branes in Gravityâ€™s Rainbow. European Physical Journal C, 2016, 76, 1.	3.9	39
18	Generalized Dirac structure beyond the linear regime in graphene. International Journal of Modern Physics D, 2018, 27, 1850080.	2.1	39

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19	M -Theory in the Gaugeon Formalism. Communications in Theoretical Physics, 2012, 57, 637-640.	2.5	38
20	Testing quantum gravity through dumb holes. Annals of Physics, 2017, 377, 108-114.	2.8	38
21	Gravitational collapse in gravity's rainbow. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550085.	2.0	37
22	Path integral quantization corresponding to the deformed Heisenberg algebra. Annals of Physics, 2015, 362, 24-35.	2.8	37
23	NONCOMMUTATIVITY AND NON-ANTICOMMUTATIVITY PERTURBATIVE QUANTUM GRAVITY. Modern Physics Letters A, 2012, 27, 1250075.	1.2	36
24	Time crystals from minimum time uncertainty. European Physical Journal C, 2016, 76, 1.	3.9	36
25	HARMONIC SUPERSPACE GAUGEON FORMALISM FOR THE ABJM THEORY. Modern Physics Letters A, 2012, 27, 1250147.	1.2	33
26	NONCOMMUTATIVE QUANTUM GRAVITY. Modern Physics Letters A, 2013, 28, 1350034.	1.2	33
27	Consequences of deformation of the Heisenberg algebra. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550022.	2.0	32
28	A new bound on polymer quantization via an opto-mechanical setup. Scientific Reports, 2018, 8, 1659.	3.3	32
29	Cyclic and heteroclinic flows near general static spherically symmetric black holes. European Physical Journal C, 2016, 76, 1.	3.9	31
30	Super-group field cosmology. Classical and Quantum Gravity, 2012, 29, 215009.	4.0	28
31	Deformation of the ABJM theory. Europhysics Letters, 2012, 98, 31003.	2.0	28
32	Effects of cosmological constant on clustering of Galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3699-3704.	4.4	28
33	Deformation of the Wheelerâ€“DeWitt equation. International Journal of Modern Physics A, 2014, 29, 1450106.	1.5	27
34	Probing noncommutative theories with quantum optical experiments. Nuclear Physics B, 2017, 924, 578-587.	2.5	26
35	Deformation of the Dirac equation. International Journal of Modern Physics D, 2016, 25, 1650013.	2.1	25
36	Clustering of galaxies with dynamical dark energy. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3166-3173.	4.4	24

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37	Non-perturbative quantum corrections to a Bornâ€“Infeld black hole and its information geometry. Classical and Quantum Gravity, 2021, 38, 105001.	4.0	24
38	MULTIVERSE IN THE THIRD QUANTIZED HORAVAâ€“LIFSHITZ THEORY OF GRAVITY. Modern Physics Letters A, 2012, 27, 1250007.	1.2	23
39	The BV Formalization of Chernâ€”Simons Theory on Deformed Superspace. Communications in Theoretical Physics, 2012, 58, 704-710.	2.5	21
40	Deformed Super-Yang-Mills in Batalin-Vilkovisky Formalism. International Journal of Theoretical Physics, 2013, 52, 392-403.	1.2	21
41	Super-Yang-Mills theory inSIM(1)superspace. Physical Review D, 2015, 91, .	4.7	21
42	Clustering of galaxies in brane world models. General Relativity and Gravitation, 2016, 48, 1.	2.0	21
43	IR finite graviton propagators in de Sitter spacetime. European Physical Journal C, 2016, 76, 1.	3.9	21
44	Large distance modification of Newtonian potential and structure formation in universe. Physics of the Dark Universe, 2018, 19, 137-143.	4.9	21
45	CHERNâ€“SIMONS-MATTER THEORY. International Journal of Modern Physics A, 2013, 28, 1350012.	1.5	20
46	ABSENCE OF BLACK HOLES INFORMATION PARADOX IN GROUP FIELD COSMOLOGY. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450010.	2.0	20
47	Noetherâ€™s charge in the super-group field cosmology. Gravitation and Cosmology, 2014, 20, 132-137.	1.1	19
48	Holographic dark energy from fluid/gravity duality constraint by cosmological observations. Physics of the Dark Universe, 2018, 20, 41-48.	4.9	19
49	Logarithmic correction of the BTZ black hole and adaptive model of graphene. International Journal of Modern Physics D, 2018, 27, 1850118.	2.1	19
50	Boundary effects in the BLG theory. Modern Physics Letters A, 2014, 29, 1450154.	1.2	17
51	Chernâ€“Simons theory in SIM(1) superspace. European Physical Journal C, 2015, 75, 1.	3.9	16
52	AdS/CFT correspondence beyond its supergravity approximation. International Journal of Modern Physics A, 2015, 30, 1550183.	1.5	15
53	Modified theory of gravity and clustering of multi-component system of galaxies. European Physical Journal C, 2019, 79, 1.	3.9	15
54	Anti-FFBRST transformations for the BLG theory in presence of a boundary. International Journal of Modern Physics A, 2015, 30, 1550032.	1.5	14

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55	Quantum corrections to the thermodynamics of black branes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
56	Deformation of second and third quantization. International Journal of Modern Physics A, 2015, 30, 1550036.	1.5	12
57	Inflationary universe in the presence of a minimal measurable length. Annals of Physics, 2017, 385, 214-224.	2.8	12
58	Quantum corrections to a finite temperature Blon. Classical and Quantum Gravity, 2020, 37, 135004.	4.0	12
59	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml6" display="inline" overflow="scroll" altimg="si1.gif"><mml:mi>q</mml:mi></mml:math>-deformed quadrature operator and optical tomogram. Annals of Physics, 2017, 385, 584-590.	2.8	11
60	Quantum work and information geometry of a quantum Myers-Perry black hole. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
61	Imaginary interactions with minimum length. Gravitation and Cosmology, 2015, 21, 270-272.	1.1	10
62	Interpolating between different gauges in the ABJM theory. International Journal of Modern Physics A, 2015, 30, 1550185.	1.5	9
63	Constraints on operator ordering from third quantization. Annals of Physics, 2016, 365, 54-65.	2.8	9
64	Superloop space. Europhysics Letters, 2013, 103, 21003.	2.0	8
65	Multiverse in the Third Quantized Formalism. Communications in Theoretical Physics, 2014, 62, 697-700.	2.5	8
66	Violation of the holographic principle in the loop quantum gravity. Europhysics Letters, 2016, 113, 30007.	2.0	8
67	Path integral for non-paraxial optics. Europhysics Letters, 2018, 124, 44001.	2.0	8
68	Quantum thermodynamics of an M2-M5 brane system. Journal of High Energy Physics, 2022, 2022, 1.	4.7	8
69	Lorentz symmetry breaking in $mathcal{N} =2$ superspace. Europhysics Letters, 2015, 111, 21001.	2.0	7
70	Discreteness of time in the evolution of the universe. International Journal of Modern Physics A, 2017, 32, 1750049.	1.5	7
71	Quantum no-singularity theorem from geometric flows. International Journal of Modern Physics A, 2018, 33, 1850052.	1.5	6
72	Fidelity susceptibility for Lifshitz geometries via Lifshitz holography. International Journal of Modern Physics A, 2018, 33, 1850099.	1.5	6

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73	Supersymmetric duality in superloop space. European Physical Journal C, 2015, 75, 1.	3.9	5
74	A logarithmic correction in the entropy functional formalism. International Journal of Modern Physics D, 2016, 25, 1650080.	2.1	5
75	Non-local deformation of a supersymmetric field theory. European Physical Journal C, 2017, 77, 1.	3.9	5
76	Dimensional reduction via a novel Higgs mechanism. General Relativity and Gravitation, 2018, 50, 1.	2.0	5
77	Time-dependent strain in graphene. European Physical Journal B, 2018, 91, 1.	1.5	5
78	Renormalizing gravity: A new insight into an old problem. International Journal of Modern Physics D, 2018, 27, 1847002.	2.1	5
79	Monopoles in superloop space. Europhysics Letters, 2014, 107, 20008.	2.0	4
80	Black holes thermodynamics in a new kind of noncommutative geometry. International Journal of Modern Physics D, 2018, 27, 1850053.	2.1	4
81	Holographic Cavalieri principle as a universal relation between holographic complexity and holographic entanglement entropy. International Journal of Modern Physics D, 2018, 27, 1850103.	2.1	4
82	Testing short distance anisotropy in space. Scientific Reports, 2021, 11, 7474.	3.3	4
83	Supersymmetric Duality in Deformed Superloop Space. Foundations of Physics, 2015, 45, 1421-1432.	1.3	3
84	Polyakov Loops for the ABJ Theory. International Journal of Theoretical Physics, 2015, 54, 896-909.	1.2	3
85	Holographic cosmology from a system of M2â€“M5 branes. Annals of Physics, 2016, 368, 310-321.	2.8	3
86	Virtual black holes in a third quantized formalism. Annals of Physics, 2017, 384, 105-115.	2.8	3
87	Probing short distance gravity using temporal lensing. International Journal of Modern Physics A, 2021, 36, 2150115.	1.5	3
88	Higher derivative terms in three dimensional supersymmetric theories. Journal of High Energy Physics, 2015, 2015, 1.	4.7	2
89	Operator ordering ambiguity and third quantization. Annals of Physics, 2020, 414, 168072.	2.8	2
90	Charged scalar quasi-normal modes for higher-dimensional Bornâ€“Infeld dilatonic black holes with Lifshitz scaling. European Physical Journal C, 2020, 80, 1.	3.9	2

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91	Wave function of the universe from a matrix-valued first-order formalism. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1550050.	2.0	1
92	Holographic cosmology from BIonic solutions. International Journal of Modern Physics A, 2017, 32, 1750025.	1.5	1
93	The effect of modified dispersion relation on dumb holes. International Journal of Modern Physics D, 2018, 27, 1850113.	2.1	1
94	Is gravity actually the curvature of spacetime?. International Journal of Modern Physics D, 2019, 28, 1944021.	2.1	1
95	Universality of short distance corrections to quantum optics. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050145.	2.0	1
96	Proposed experimental test of Randallâ€“Sundrum models. International Journal of Modern Physics D, 2022, 31, .	2.1	1
97	Convection in drying and freezing ground. Zeitschrift Fur Angewandte Mathematik Und Physik, 2015, 66, 1071-1080.	1.4	0
98	Quantum weak equivalence principle and the gravitational Casimir effect in superconductors. International Journal of Modern Physics D, 2020, 29, 2043024.	2.1	0
99	Compactification, T-duality and quantum erasers. International Journal of Modern Physics A, 2021, 36, 2150102.	1.5	0
100	Quantifying consciousness using quantum uncertainty in the brain. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050093.	2.0	0
101	Low energy consequences of loop quantum gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150035.	2.0	0