

# Hassan Hassanabadi

## List of Publications by Year in descending order

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496  
papers

6,881  
citations

81900

39  
h-index

168389

53  
g-index

500  
all docs

500  
docs citations

500  
times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal properties of the one-dimensional space quantum fractional Dirac Oscillator. Physica A: Statistical Mechanics and Its Applications, 2022, 587, 126508.	2.6	7
2	Modified Dirac delta function and modified dirac delta potential in the quantum mechanics. European Physical Journal Plus, 2022, 137, 1.	2.6	1
3	Investigation of two-electron quantum dot in a magnetic field by using of quasi-exact-solvable method. Solid State Communications, 2022, 344, 114669.	1.9	3
4	Relativistic particle in thermal non-equilibrium. Physica A: Statistical Mechanics and Its Applications, 2022, 593, 126906.	2.6	3
5	Exact solutions of an exponential type position dependent mass problem. Results in Physics, 2022, 34, 105294.	4.1	10
6	Generalized Klein-Gordon oscillator in Lorentz symmetry violation framework. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 060301.	0.5	4
7	On the interaction of a Cornell-type nonminimal coupling with the scalar field under the background of topological defects. International Journal of Modern Physics A, 2022, 37, .	1.5	12
8	Quantum description of the moving magnetic quadrupole moment interacting with electric field configurations under the rotating background with the screw dislocation. Indian Journal of Physics, 2022, 96, 4219-4229.	1.8	6
9	A representation of the Dunkl oscillator model on curved spaces: Factorization approach. Journal of Mathematical Physics, 2022, 63, 033505.	1.1	2
10	Thermodynamics of the Reissner-Nordström black hole with quintessence matter on the EGUP framework. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136994.	4.1	16
11	Klein-Gordon oscillator in a global monopole space-time with rainbow gravity. European Physical Journal Plus, 2022, 137, 1.	2.6	45
12	Investigation of Some Quantum Mechanics Problems with $\hat{t}$ -Translation Symmetry. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	3
13	The influence of Aharonov-Casher effect on the generalized Dirac oscillator in the cosmic string space-time. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	6
14	Two-Particle System with Harmonic Oscillator Potential in Non-commutative Phase Space. Few-Body Systems, 2022, 63, 1.	1.5	0
15	Relativistic Landau quantization for a composite system in the spiral dislocation spacetime. European Physical Journal Plus, 2022, 137, 1.	2.6	15
16	Relativistic Landau-Aharonov-Casher quantization of a Duffin-Kemmer-Petiau spinless boson with Lorentz violation. International Journal of Modern Physics A, 2022, 37, .	1.5	7
17	Room temperature quantum Hall effect in q-formalism. European Physical Journal Plus, 2022, 137, .	2.6	5
18	Jang and Dekker oscillators in position-dependent mass formalism. Pramana - Journal of Physics, 2022, 96, .	1.5	0

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19	Spin symmetry in the presence of a Killingbeck potential for a relativistic $\Lambda$ -hypernuclei. Indian Journal of Physics, 2021, 95, 2431-2435.	1.8	3
20	The time independent fractional Schrödinger equation with position-dependent mass. Physica A: Statistical Mechanics and Its Applications, 2021, 565, 125616.	2.6	12
21	A new fractional mechanics based on fractional addition. Revista Mexicana De Física, 2021, 67, 68-74.	0.4	3
22	New research based on the new high-order generalized uncertainty principle for Klein-Gordon equation. Physica Scripta, 2021, 96, 055208.	2.5	1
23	New deformed Heisenberg algebra with reflection operator. European Physical Journal Plus, 2021, 136, 1.	2.6	20
24	Effects of a new extended uncertainty principle on Schwarzschild and Reissner-Nordström black holes thermodynamics. International Journal of Modern Physics A, 2021, 36, 2150036.	1.5	13
25	q-Deformed Coherent States for q-Deformed Photon by Using the Tsallis's q-Deformed Exponential Function in the Non-Extensive Thermodynamics. International Journal of Theoretical Physics, 2021, 60, 1109-1126.	1.2	3
26	Research on a new high-order generalized uncertainty principle in quantum system. European Physical Journal Plus, 2021, 136, 1.	2.6	2
27	Resolution of the spin paradox in the Nilsson model. European Physical Journal Plus, 2021, 136, 1.	2.6	1
28	Comparison of three types of superstatistics, superstatistic thermodynamic relations and paramagnet model. Physica A: Statistical Mechanics and Its Applications, 2021, 568, 125729.	2.6	4
29	The q-boson Algebra and $su_q(2)$ Algebra Based on q-deformed Binary Operations. International Journal of Theoretical Physics, 2021, 60, 2102-2114.	1.2	0
30	$\hat{I}_{\pm}$ -boson gas model based on $\hat{I}_{\pm}$ -additive entropy. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 053101.	2.3	3
31	Linear and nonlinear optical properties in spherical quantum dots: Inversely quadratic Hellmann potential. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 397, 127262.	2.1	70
32	Duffin-Kemmer-Petiau particles in the presence of the spiral dislocation. International Journal of Modern Physics A, 2021, 36, 2150100.	1.5	8
33	Deformed Boson Algebra with Parity Operator and Non-classical Properties of Coherent States. Few-Body Systems, 2021, 62, 1.	1.5	1
34	Dunkl-Maxwell equation and Dunkl-electrostatics in a spherical coordinate. Modern Physics Letters A, 2021, 36, 2150127.	1.2	8
35	Vector boson oscillator in the spiral dislocation spacetime. European Physical Journal A, 2021, 57, 1.	2.5	15
36	$Z_p$ -Graded Wigner Algebra : Coherent States and Thermodynamics. International Journal of Theoretical Physics, 2021, 60, 2254-2271.	1.2	0

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37	DKP oscillator in the presence of a spinning cosmic string. International Journal of Modern Physics E, 2021, 30, 2150050.	1.0	9
38	The study of the generalized Klein-Gordon oscillator in the context of the Som-Raychaudhuri space-time. International Journal of Modern Physics A, 2021, 36, 2150129.	1.5	7
39	Exact solutions of the generalized Klein-Gordon oscillator in a global monopole space-time. European Physical Journal Plus, 2021, 136, 1.	2.6	45
40	Relativistic Vector Bosons with Non-minimal Coupling in the Spinning Cosmic String Spacetime. Few-Body Systems, 2021, 62, 1.	1.5	9
41	Thermodynamics of the Schwarzschild and Reissner-Nordström black holes under higher-order generalized uncertainty principle. European Physical Journal Plus, 2021, 136, 1.	2.6	15
42	Exact solutions to generalized Dunkl oscillator and its thermodynamic properties. Europhysics Letters, 2021, 135, 30006.	2.0	22
43	An analytical description of the parity-doublet structure in an odd-A nucleus. Nuclear Physics A, 2021, 1013, 122224.	1.5	0
44	Superstatistics of the Dunkl oscillator. Physica A: Statistical Mechanics and Its Applications, 2021, 580, 126154.	2.6	9
45	An oscillator with position-dependent mass exposed to a thermal bosonic bath. Physica A: Statistical Mechanics and Its Applications, 2021, 584, 126374.	2.6	11
46	Analysis of nonrelativistic particles in noncommutative phase-space under new scalar and vector interaction terms. Revista Mexicana De Física, 2021, 67, 84-90.	0.4	0
47	Interaction of the generalized Duffin-Kemmer-Petiau equation with a non-minimal coupling under the cosmic rainbow gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	2.0	7
48	Security on quantum authentication. European Physical Journal D, 2021, 75, 1.	1.3	2
49	Decay properties of beauty and charm mesons within Isgur-Wise function formalism. European Physical Journal Plus, 2021, 136, 1.	2.6	4
50	Interaction of the magnetic quadrupole moment of a non-relativistic particle with an electric field in the background of screw dislocations with a rotating frame. Physica Scripta, 2021, 96, 015005.	2.5	13
51	Relativistic free fermions in spiral dislocation space-time with a distortion of a radial line into a spiral. International Journal of Modern Physics A, 2021, 36, .	1.5	3
52	The investigation of Carnot engine in the presence of deformed formalism. Modern Physics Letters A, 2021, 36, .	1.2	3
53	Noninertial effects on a composite system. International Journal of Modern Physics A, 2021, 36, .	1.5	7
54	Thermodynamic properties of quantum models based on the complex unitary Cayley-Klein groups. Physica A: Statistical Mechanics and Its Applications, 2020, 543, 123414.	2.6	7

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55	Study of Carnot engine in deformed formalism. <i>Physica Scripta</i> , 2020, 95, 035401.	2.5	7
56	$\hbar$ -deformed boson algebra based on $\hbar$ -deformed addition and non-classical properties of $\hbar$ -deformed coherent states. <i>Physica Scripta</i> , 2020, 95, 035106.	2.5	3
57	Possible non-additive entropy based on the $\alpha$ -deformed addition. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	3
58	Spin-0 system of DKP equation in the background of a flat class of GÃdel-type spacetime. <i>Modern Physics Letters A</i> , 2020, 35, 2050031.	1.2	12
59	Interaction of the magnetic quadrupole moment of a non-relativistic particle with an electric field in a rotating frame. <i>Annals of Physics</i> , 2020, 412, 168040.	2.8	29
60	q-deformed Quantum Mechanics with q-translation Symmetry and Supersymmetric q-deformed Quantum Mechanics. <i>Few-Body Systems</i> , 2020, 61, 1.	1.5	2
61	Study of Spin-1 Particles Scattering and Bound States in the q-Deformed Quantum Mechanics. <i>Few-Body Systems</i> , 2020, 61, 1.	1.5	0
62	Relativistic particles with a nonpolynomial oscillator potential in a spacelike dislocation. <i>International Journal of Modern Physics A</i> , 2020, 35, 2050108.	1.5	6
63	Newton equation and SchrÃdinger equation for the harmonic oscillator with probability distributions in frequency. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 558, 124967.	2.6	0
64	Even and Odd Coherent States of Wigner Algebra. <i>International Journal of Theoretical Physics</i> , 2020, 59, 2924-2938.	1.2	1
65	Calculation of $\hat{\tau}$ -decay and cluster half-lives for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 197 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\tau} \langle \text{mml:mtext} \rangle \langle \text{mml:mn} \rangle 226 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 17 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle$ using temperature-dependent proximity potential model. <i>Nuclear Physics A</i> , 2020, 997, 121714.	1.5	17
66	DSR-GUP Black Hole based on COW experiment and Einsteinâ€Bohrâ€™s photon box. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
67	The generalized Kleinâ€Gordon oscillator in a cosmic space-time with a space-like dislocation and the Aharonovâ€Bohm effect. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	27
68	Spin and pseudospin symmetries of a relativistic fermion in an elastic medium with spiral dislocations. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	14
69	Dirac equation with CPRS potential and Cornell tensor interaction in the presence of spin and pseudospin symmetry. <i>International Journal of Modern Physics E</i> , 2020, 29, 2050064.	1.0	1
70	Nonleptonic and semileptonic $\Lambda_b \rightarrow \Lambda_c$ transitions in a potential quark model. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	4
71	Shell model structure of proxy-SU(3) pairs of orbitals. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	10
72	Reply to â€Comment on: â€Interaction of the magnetic quadrupole moment of a non-relativistic particle with an electric field in a rotating frame. <i>Ann. Phys.</i> 412 (2020) 168040â€™. <i>Annals of Physics</i> , 2020, 421, 168296.	2.8	0

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73	Duffinâ€™Kemmerâ€™Petiau oscillator in the presence of a cosmic screw dislocation. International Journal of Modern Physics A, 2020, 35, 2050195.	1.5	24
74	Parafermion theory from the q-deformed algebra with q a root of unity. International Journal of Geometric Methods in Modern Physics, 2020, 17, .	2.0	0
75	The effect of fractional calculus on the formation of quantumâ€™mechanical operators. Mathematical Methods in the Applied Sciences, 2020, 43, 6950-6967.	2.3	8
76	Study of information entropy for involved quantum models in complex Cayley-Klein space. Physica Scripta, 2020, 95, 085207.	2.5	5
77	$\alpha$ -decay half-lives of lead isotopes within a modified generalized liquid drop model. Physical Review C, 2020, 101, .	2.9	13
78	Investigation of Unruh temperature of black holes by using the EGUP formalism. Europhysics Letters, 2020, 130, 40001.	2.0	23
79	Nonrelativistic particles in the presence of a CariÃ±enaâ€™Perelomovâ€™RaÃ±adaâ€™Santander oscillator and a disclination. International Journal of Modern Physics A, 2020, 35, 2050071.	1.5	8
80	$\beta$ -Unstable Bohr Hamiltonian with sextic potential for odd-A nuclei. Nuclear Physics A, 2020, 1002, 121956.	1.5	3
81	Solutions of Schrodinger equation for the modified Mobius square plus Kratzer potential. European Physical Journal Plus, 2020, 135, 1.	2.6	18
82	Non-inertial effects on a generalized DKP oscillator in a cosmic string space-time. General Relativity and Gravitation, 2020, 52, 1.	2.0	61
83	Theoretical studies on Alpha decay half-lives of Astatine isotopes. International Journal of Modern Physics E, 2020, 29, 2050008.	1.0	4
84	The f-Deformation II: f-Deformed Quantum Mechanics in One Dimension. Reports on Mathematical Physics, 2020, 85, 305-329.	0.8	2
85	Truncated exponential polynomials and truncated coherent states. European Physical Journal Plus, 2020, 135, 1.	2.6	8
86	Two Mode Superposition of Truncated Coherent States: Entanglement and Non-Classical Properties. International Journal of Theoretical Physics, 2020, 59, 1069-1080.	1.2	4
87	Investigation of Heisenberg algebra for a modified anti-de Sitter and modified anti-Snyder models. Communications in Theoretical Physics, 2020, 72, 035404.	2.5	5
88	The f-Deformation I: f-Deformed Classical Mechanics. Reports on Mathematical Physics, 2020, 85, 1-28.	0.8	5
89	Fermi energy in the $q$ -deformed quantum mechanics. Modern Physics Letters A, 2020, 35, 2050074.	1.2	5
90	Relativistic free fermions in an elastic medium with screw dislocations. European Physical Journal Plus, 2020, 135, 1.	2.6	25

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91	Analytical study of the $\gamma$ -unstable Bohr Hamiltonian with quasi-exactly solvable deformed potential. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	7
92	Mass and decay properties of double heavy baryons with a phenomenological potential model. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
93	Blackbody radiation and Debye model based on $q$ -deformed bosonic Newton oscillator algebra. <i>Modern Physics Letters A</i> , 2020, 35, 2050147.	1.2	4
94	The effect of the Generalized Uncertainty Principle on the motion of particles near a black hole horizon. <i>Physics of the Dark Universe</i> , 2020, 28, 100559.	4.9	7
95	Effect of the new extended uncertainty principle on black hole thermodynamics. <i>Europhysics Letters</i> , 2020, 129, 59001.	2.0	15
96	Doubly superstatistics with bivariate modified Dirac delta distribution. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 554, 124712.	2.6	4
97	The Wigner-Dunkl-Newton mechanics with time-reversal symmetry. <i>Revista Mexicana De Física</i> , 2020, 66, 308-314.	0.4	11
98	Deviation of inverse square law based on Dunkl derivative: deformed Coulomb's law. <i>Revista Mexicana De Física</i> , 2020, 66, 411-417.	0.4	10
99	The investigation of classical particle in the presence of fractional calculus. <i>Revista Mexicana De Física</i> , 2020, 66, 840-847.	0.4	1
100	Electric quadrupole moment of a neutral non-relativistic particle in the presence of screw dislocation. <i>Europhysics Letters</i> , 2020, 132, 60005.	2.0	12
101	Effects of non-commutative phase-space on prolate nuclei in the presence of Coulomb interaction. <i>Modern Physics Letters A</i> , 2019, 34, 1950279.	1.2	0
102	Black hole thermodynamics under the generalized uncertainty principle and doubly special relativity. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	6.6	17
103	$q$ -Deformed oscillator algebra in fermionic and bosonic limits. <i>Pramana - Journal of Physics</i> , 2019, 93, 1.	1.8	1
104	Generalized pair coherent states and non-classical properties. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	4
105	Dirac fermions in Som-Raychaudhuri space-time with scalar and vector potential and the energy momentum distributions. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	39
106	Study of the Shannon Entropy in the Quantum Model Obtained from $SO(2, 2)$ . <i>Journal of the Korean Physical Society</i> , 2019, 75, 87-93.	0.7	2
107	Klein-Gordon oscillator in the presence of the minimal momentum. <i>Modern Physics Letters A</i> , 2019, 34, 1950204.	1.2	7
108	Alpha-decay half-lives of polonium isotopes in the mass range of 186-218. <i>International Journal of Modern Physics E</i> , 2019, 28, 1950043.	1.0	3

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109	Investigation of relativistic fermions with various energy-momentum distributions in q-deformed approach. International Journal of Modern Physics A, 2019, 34, 1950165.	1.5	4
110	the prolate to oblate nuclear shape phase transition in odd-A nuclei. Nuclear Physics A, 2019, 992, 12162.	1.5	1
111	q-deformed Gamma function, q-deformed probability distributions and q-deformed statistical physics based on Tsallis's q-exponential function. European Physical Journal Plus, 2019, 134, 1.	2.6	5
112	Systematic study of alpha decay half-lives using new universal decay law. International Journal of Modern Physics E, 2019, 28, 1950075.	1.0	24
113	Analysis of motion of particles near black hole horizon under generalized uncertainty principle. Europhysics Letters, 2019, 127, 40002.	2.0	8
114	Three-dimensional quantum mechanics in a curved space based on the q-addition. International Journal of Modern Physics A, 2019, 34, 1950177.	1.5	0
115	$\hat{I}_{\pm}$ -decay half-lives of some superheavy nuclei within a modified generalized liquid drop model. Physical Review C, 2019, 100, .	2.9	14
116	Deformed classical mechanics with $\hat{I}_{\pm}$ -deformed translation symmetry and anomalous diffusion. Modern Physics Letters B, 2019, 33, 1950368.	1.9	7
117	A correct way to determine the mean occupation numbers for the q-deformed boson algebras. European Physical Journal Plus, 2019, 134, 1.	2.6	3
118	Investigation of fractional harmonic oscillator canonical ensemble in the q-deformed super-statistic. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950163.	2.0	0
119	The $\hat{I}_{\pm}$ -deformed boson algebra and parafermion algebra. Chinese Journal of Physics, 2019, 58, 190-201.	3.9	0
120	Application of the controlled single particle concept in the $\hat{I}_{\pm}$ -rigid Bohr Hamiltonian for $\hat{I}_{\pm}$ -deformed. Nuclear Physics A, 2019, 989, 135-144.	1.5	1
121	Wigner algebra in a unit circle and deformed coherent states. Physica Scripta, 2019, 94, 105102.	2.5	0
122	Statistical physics when the heat bath is large but finite. Physica A: Statistical Mechanics and Its Applications, 2019, 532, 121720.	2.6	3
123	Study of Schrödinger equation in terms of Heun functions in the commutative vs. non-commutative spaces. Modern Physics Letters A, 2019, 34, 1950183.	1.2	4
124	One-dimensional quantum mechanics with Dunkl derivative. Modern Physics Letters A, 2019, 34, 1950190.	1.2	28
125	Coherent States of the Generalized Heisenberg Algebra with $\vec{k}$ Isolated States. Few-Body Systems, 2019, 60, 1.	1.5	2
126	The Weyl equation under an external electromagnetic field in the cosmic string space-time. Pramana - Journal of Physics, 2019, 93, 1.	1.8	7

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127	Reply to comment on "Approximate analytical versus numerical solutions of Schrödinger equation under molecular Hua potential". International Journal of Quantum Chemistry, 2019, 119, e25956.	2.0	1
128	Superstatistics with symmetric distribution function: Discrete and continuous local temperatures. Modern Physics Letters B, 2019, 33, 1950140.	1.9	1
129	Black hole temperature and Unruh effect from the extended uncertainty principle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 451-456.	4.1	50
130	$\hat{\Gamma}$ -Decay half-lives of even-even nuclei of Pb, Po, Rn and Ra isotopes. International Journal of Modern Physics E, 2019, 28, 1950017.	1.0	5
131	Modified Anti Snyder Model with Minimal Length, Momentum Cutoff and Convergent Partition Function. International Journal of Theoretical Physics, 2019, 58, 2267-2281.	1.2	7
132	Analysis of black hole thermodynamics with a new higher order generalized uncertainty principle. European Physical Journal C, 2019, 79, 1.	3.9	41
133	Alpha particle preformation factor of spherical nuclei for $67 < i > Z < / i > \leq 91$ . Modern Physics Letters A, 2019, 34, 1950039.	1.2	5
134	Specific heat and thermal entanglement in an open quantum system. Modern Physics Letters A, 2019, 34, 1950059.	1.2	2
135	Extended uncertainty principle and thermodynamics. International Journal of Modern Physics A, 2019, 34, 1950041.	1.5	6
136	On the Position Representation of Pedram's Higher Order GUP. International Journal of Theoretical Physics, 2019, 58, 1791-1802.	1.2	8
137	q-Deformed superstatistic thermodynamics in the presence of minimal length quantum mechanics. Canadian Journal of Physics, 2019, 97, 1161-1166.	1.1	9
138	A new higher order GUP: one dimensional quantum system. European Physical Journal C, 2019, 79, 1.	3.9	56
139	The generalized uncertainty principle from the doubly special relativity: Algebraic approach, Ramsauer effect and delta potential. Modern Physics Letters A, 2019, 34, 1950052.	1.2	9
140	Superstatistics and canonical quantization of the damped harmonic oscillator. Modern Physics Letters A, 2019, 34, 1950108.	1.2	3
141	The controlled single particle: A new concept in odd-mass nuclei. Nuclear Physics A, 2019, 986, 223-231.	1.5	4
142	The Dirac oscillator in a spinning cosmic string spacetime. European Physical Journal C, 2019, 79, 1.	3.9	67
143	Thermodynamics of Wignons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1989-1996.	2.1	3
144	q-Deformed Quantum Mechanics Based on the q-Addition. Fortschritte Der Physik, 2019, 67, 1800111.	4.4	13

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145	Klein-Gordon oscillator in the presence of a Cornell potential in the cosmic string space-time. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950054.	2.0	33
146	Thermodynamics of the Schwarzschild and Reissner-Nordström black holes under the Snyder-de Sitter model. European Physical Journal C, 2019, 79, 1.	3.9	14
147	DSR-GUP, maximally localized state, and black hole thermodynamics. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	3
148	Dirac Oscillator Under the New Generalized Uncertainty Principle From the Concept Doubly Special Relativity. Communications in Theoretical Physics, 2019, 71, 1301.	2.5	8
149	Influence of nuclear isospin and angular momentum on $\hat{\Gamma}$ -decay half-lives. Nuclear Physics A, 2019, 983, 310-320.	1.5	41
150	Non-degenerate $\hat{\Gamma}$ -unstable Bohr Hamiltonian considering Killingbeck potential. Nuclear Physics A, 2019, 983, 229-239.	1.5	7
151	Superstatistics of two electrons quantum dot. Modern Physics Letters A, 2019, 34, 1950023.	1.2	12
152	Solutions of the Dirac-Weyl equation in graphene under magnetic fields in the Cartesian coordinate system. European Physical Journal Plus, 2019, 134, 1.	2.6	8
153	Superstatistics with q-deformed Dirac delta distribution and interacting gas model. Physica A: Statistical Mechanics and Its Applications, 2019, 516, 496-501.	2.6	13
154	Study of bosons for Three Special Limits of Godel-Type Spacetimes. Few-Body Systems, 2019, 60, 1.	1.5	12
155	Exact Solutions for Time-Dependent Schrödinger Equation in Presence of the Pöschl-Teller Double-Ring Shaped Harmonic Potential. Acta Physica Polonica A, 2019, 136, 17-20.	0.5	2
156	Investigation of Bohr Hamiltonian in presence of Killingbeck potential using bi-confluent Heun functions. Nuclear Physics A, 2018, 973, 33-47.	1.5	16
157	Study of the statistical physics bases on superstatistics from the $\hat{\Gamma}^2$ -fluctuated to the T-fluctuated form. European Physical Journal Plus, 2018, 133, 1.	2.6	7
158	Fermi field and Dirac oscillator in a Som-Raychaudhuri space-time. General Relativity and Gravitation, 2018, 50, 1.	2.0	52
159	The DKP oscillator with a linear interaction in the cosmic string space-time. European Physical Journal C, 2018, 78, 1.	3.9	41
160	General distribution function for the superstatistics and new superstatistics with non-vanishing rth moments for even r. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850123.	2.0	9
161	Superstatistics of the Klein-Gordon equation in deformed formalism for modified Dirac delta distribution. Modern Physics Letters A, 2018, 33, 1850060.	1.2	13
162	Nuclear isospin effect on $\hat{\Gamma}$ -decay half-lives. Nuclear Physics A, 2018, 975, 19-28.	1.5	27

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163	Systematic study of $\hat{I}_{\pm}$ -decay half-lives using Royer and related formula. Nuclear Physics A, 2018, 971, 130-137.	1.5	46
164	Investigation of DKP equation for spin-zero system in the presence of GÃ¶del-type background space-time. European Physical Journal C, 2018, 78, 1.	3.9	18
165	q-deformed superstatistics of the SchrÃ¶dinger equation in commutative and noncommutative spaces with magnetic field. European Physical Journal Plus, 2018, 133, 1.	2.6	32
166	Polychronakos statistics and $\hat{I}_{\pm}$ -deformed Bose condensation of $\hat{I}_{\pm}$ -bosons. Modern Physics Letters B, 2018, 32, 1850052.	1.9	2
167	Alpha-decay half-lives for isotopes of even-even nuclei: A temperature-dependent approach with Woods-Saxon potential. European Physical Journal Plus, 2018, 133, 1.	2.6	10
168	Effects of cosmic-string framework on the thermodynamical properties of anharmonic oscillator using the ordinary statistics and the q-deformed superstatistics approaches. European Physical Journal C, 2018, 78, 1.	3.9	32
169	On the Conformable Fractional Quantum Mechanics. Journal of the Korean Physical Society, 2018, 72, 980-986.	0.7	27
170	Investigation of the Dirac Equation by Using the Conformable Fractional Derivative. Journal of the Korean Physical Society, 2018, 72, 987-990.	0.7	16
171	Branching ratios of $\hat{I}_{\pm}$ -decay to ground and excited states of Fm, Cf, Cm and Pu. Nuclear Physics A, 2018, 974, 72-85.	1.5	5
172	Statistical physics when the minimum temperature is not absolute zero. Modern Physics Letters B, 2018, 32, 1850123.	1.9	6
173	Superstatistics with different kinds of distributions in the deformed formalism. European Physical Journal Plus, 2018, 133, 1.	2.6	18
174	Theoretical approaches on the $\hat{I}_{\pm}$ -decay of spherical Bismuth isotopes. International Journal of Modern Physics E, 2018, 27, 1850022.	1.0	5
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