

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	Linear and nonlinear optical properties in a disk-shaped quantum dot with a parabolic potential plus a hyperbolic potential in a static magnetic field. <i>Physica B: Condensed Matter</i> , 2012, 407, 3676-3682.	2.7	103
2	Nonlinear optical rectification and the second-harmonic generation in semi-parabolic and semi-inverse squared quantum wells. <i>Solid State Communications</i> , 2012, 152, 1761-1766.	1.9	103
3	Dirac equation for the harmonic scalar and vector potentials and linear plus coulomb-like tensor potential; the SUSY approach. <i>Annals of Physics</i> , 2010, 325, 2522-2528.	2.8	90
4	Linear and nonlinear optical absorption coefficients and refractive index changes in a two-electron quantum dot. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	84
5	Exact Solutions of D -Dimensional Schrödinger Equation for an Energy-Dependent Potential by NU Method. <i>Communications in Theoretical Physics</i> , 2011, 55, 541-544.	2.5	82
6	Exact pseudospin symmetry solution of the Dirac equation for spatially-dependent mass Coulomb potential including a Coulomb-like tensor interaction via asymptotic iteration method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 4303-4307.	2.1	79
7	The thermal properties of a two-dimensional Dirac oscillator under an external magnetic field. <i>European Physical Journal Plus</i> , 2013, 128, 1.	2.6	78
8	AN APPROXIMATE SOLUTION OF THE DIRAC EQUATION FOR HYPERBOLIC SCALAR AND VECTOR POTENTIALS AND A COULOMB TENSOR INTERACTION BY SUSYQM. <i>Modern Physics Letters A</i> , 2011, 26, 2703-2718.	1.2	73
9	Relativistic symmetries of Dirac equation and the Tietz potential. <i>European Physical Journal Plus</i> , 2012, 127, 1.	2.6	71
10	Linear and nonlinear optical properties in spherical quantum dots: Inversely quadratic Hellmann potential. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 397, 127262.	2.1	70
11	Duffin-Kemmer-Petiau equation under a scalar Coulomb interaction. <i>Physical Review C</i> , 2011, 84, .	2.9	68
12	Dirac equation for generalized Pöschl-Teller scalar and vector potentials and a Coulomb tensor interaction by Nikiforov-Uvarov method. <i>Journal of Mathematical Physics</i> , 2012, 53, .	1.1	68
13	The Dirac oscillator in a spinning cosmic string spacetime. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	67
14	Approximate Solution of D -Dimensional Klein-Gordon Equation with Hulthén-Type Potential via SUSYQM. <i>Communications in Theoretical Physics</i> , 2011, 56, 423-428.	2.5	66
15	Dirac particles in the presence of the Yukawa potential plus a tensor interaction in SUSYQM framework. <i>Physica Scripta</i> , 2012, 86, 015005.	2.5	66
16	The effects of intense laser on nonlinear properties of shallow donor impurities in quantum dots with the Woods-Saxon potential. <i>Journal of Luminescence</i> , 2011, 131, 2538-2543.	3.1	63
17	Klein-Gordon equation particles in exponential-type molecule potentials and their thermodynamic properties in D dimensions. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	63
18	Exact Spin and Pseudospin Symmetry Solutions of the Dirac Equation for Mie-Type Potential Including a Coulomb-like Tensor Potential. <i>Few-Body Systems</i> , 2010, 48, 171-182.	1.5	61

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19	Non-inertial effects on a generalized DKP oscillator in a cosmic string space-time. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	61
20	A new higher order GUP: one dimensional quantum system. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	56
21	Thermodynamic properties of neutral particle in the presence of topological defects in magnetic cosmic string background. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	55
22	Fermi field and Dirac oscillator in a Somâ€™Raychaudhuri space-time. <i>General Relativity and Gravitation</i> , 2018, 50, 1.	2.0	52
23	DKP oscillator in the presence of magnetic field in (1+2)-dimensions for spin-zero and spin-one particles in noncommutative phase space. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	50
24	Oscillator strengths based on the MÃ¶bius square potential under SchrÃ¶dinger equation. <i>European Physical Journal Plus</i> , 2012, 127, 1.	2.6	50
25	Black hole temperature and Unruh effect from the extended uncertainty principle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 451-456.	4.1	50
26	Scattering states of Woodsâ€™Saxon interaction in minimal length quantum mechanics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 718, 678-682.	4.1	49
27	Nonlinear optical properties of a three-electron quantum dot with account of the Rashba spinâ€™orbit interaction. <i>Journal of Luminescence</i> , 2012, 132, 1095-1100.	3.1	49
28	Laser field effect on the nonlinear optical properties of donor impurities in quantum dots with Gaussian potential. <i>Physica B: Condensed Matter</i> , 2011, 406, 4129-4134.	2.7	47
29	Linear and Nonlinear Optical Properties in Spherical Quantum Dots: Generalized HulthÃ©n Potential. <i>Few-Body Systems</i> , 2016, 57, 793-805.	1.5	46
30	Systematic study of \hat{I}_{\pm} -decay half-lives using Royer and related formula. <i>Nuclear Physics A</i> , 2018, 971, 130-137.	1.5	46
31	New generalized uncertainty principle from the doubly special relativity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 127-131.	4.1	45
32	Exact solutions of the generalized Kleinâ€™Gordon oscillator in a global monopole space-time. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	45
33	Kleinâ€™Gordon oscillator in a global monopole spaceâ€™time with rainbow gravity. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	45
34	The spin-zero Duffin-Kemmer-Petiau equation in a cosmic-string space-time with the Cornell interaction. <i>International Journal of Modern Physics A</i> , 2016, 31, 1650191.	1.5	44
35	Spectrum of Dirac Equation Under Dengâ€™Fan Scalar and Vector Potentials and a Coulomb Tensor Interaction by SUSYQM. <i>Few-Body Systems</i> , 2012, 53, 525-538.	1.5	43
36	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}_{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -decay half-lives of superheavy nuclei from a modified generalized liquid-drop model. <i>Physical Review C</i> , 2018, 98, .	2.9	42

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37	Deng-Fan Potential for Relativistic Spinless Particles – an Ansatz Solution. Communications in Theoretical Physics, 2012, 57, 339-342.	2.5	41
38	The DKP oscillator with a linear interaction in the cosmic string space-time. European Physical Journal C, 2018, 78, 1.	3.9	41
39	Analysis of black hole thermodynamics with a new higher order generalized uncertainty principle. European Physical Journal C, 2019, 79, 1.	3.9	41
40	Influence of nuclear isospin and angular momentum on $\hat{\Gamma}$ -decay half-lives. Nuclear Physics A, 2019, 983, 310-320.	1.5	41
41	Cornell and Coulomb interactions for the D-dimensional Klein-Gordon equation. Annalen Der Physik, 2011, 523, 566-575.	2.4	40
42	Dirac equation for the Hulthén potential within the Yukawa-type tensor interaction. Chinese Physics B, 2013, 22, 010302.	1.4	39
43	Dirac fermions in Som-Raychaudhuri space-time with scalar and vector potential and the energy momentum distributions. European Physical Journal C, 2019, 79, 1.	3.9	39
44	Approximate Solutions of Klein-Gordon Equation with Kratzer Potential. Advances in High Energy Physics, 2011, 2011, 1-6.	1.1	37
45	The rotation-vibration spectrum of diatomic molecules with the Tietz-Hua rotating oscillator and approximation scheme to the centrifugal term. Molecular Physics, 2012, 110, 389-393.	1.7	36
46	Bound state solutions of Klein-Gordon equation with Mobius square plus Yukawa potentials. Indian Journal of Physics, 2013, 87, 1133-1139.	1.8	35
47	Two-dimensional Duffin-Kemmer-Petiau oscillator under an external magnetic field. Canadian Journal of Physics, 2013, 91, 1-11.	1.1	34
48	Thermodynamic Properties of the Three-Dimensional Dirac Oscillator with Aharonov-Bohm Field and Magnetic Monopole Potential. Few-Body Systems, 2015, 56, 115-124.	1.5	34
49	DKP equation in a rotating frame with magnetic cosmic string background. European Physical Journal Plus, 2015, 130, 1.	2.6	33
50	Scattering and bound states for the Hulthén potential in a cosmic string background. European Physical Journal C, 2017, 77, 1.	3.9	33
51	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
52	Energy levels of a spherical quantum dot in a confining potential. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 679-681.	2.1	32
53	EXACT SOLUTIONS OF DIRAC EQUATION WITH HARTMANN POTENTIAL BY NIKIFOROV-UVAROV METHOD. International Journal of Modern Physics E, 2010, 19, 2189-2197.	1.0	32
54	Approximate arbitrary-state solutions of Dirac equation for modified deformed Hylleraas and Modified Eckart potentials by the NU method. Applied Mathematics and Computation, 2013, 219, 9388-9398.	2.2	32

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55	q-deformed superstatistics of the Schrödinger equation in commutative and noncommutative spaces with magnetic field. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	32
56	Effects of cosmic-string framework on the thermodynamical properties of anharmonic oscillator using the ordinary statistics and the q-deformed superstatistics approaches. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	32
57	SPECTRUM OF BARYONS AND SPIN-ISOSPIN DEPENDENCE. <i>Modern Physics Letters A</i> , 2008, 23, 527-537.	1.2	31
58	Dirac equation with vector and scalar cornell potentials and an external magnetic field. <i>Annalen Der Physik</i> , 2013, 525, 944-950.	2.4	31
59	Linear and nonlinear optical properties in spherical quantum dots: Manning-Rosen potential. <i>Journal of Optics (India)</i> , 2017, 46, 254-264.	1.7	31
60	Klein-Gordon field in spinning cosmic-string space-time with the Cornell potential. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018, 15, 1850165.	2.0	31
61	EXACTLY COMPLETE SOLUTIONS OF THE DIRAC EQUATION WITH PSEUDOHARMONIC POTENTIAL INCLUDING LINEAR PLUS COULOMB-LIKE TENSOR POTENTIAL. <i>International Journal of Modern Physics A</i> , 2011, 26, 1363-1374.	1.5	29
62	Spin and Pseudospin Symmetries of Dirac Equation and the Yukawa Potential as the Tensor Interaction. <i>Communications in Theoretical Physics</i> , 2012, 58, 807-814.	2.5	29
63	A theoretical study of nonlinear optical absorption and refractive index changes with the three-dimensional ring-shaped pseudoharmonic potential. <i>Physica B: Condensed Matter</i> , 2013, 415, 92-96.	2.7	29
64	A simple efficient methodology for Dirac equation in minimal length quantum mechanics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1111-1113.	4.1	29
65	The statistical properties of Klein-Gordon oscillator in noncommutative space. <i>Journal of Mathematical Physics</i> , 2014, 55, 033502.	1.1	29
66	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
67	Relativistic Spin and Pseudospin Symmetries of Inversely Quadratic Yukawa-like plus Mobius Square Potentials Including a Coulomb-like Tensor Interaction. <i>Few-Body Systems</i> , 2013, 54, 2027-2040.	1.5	28
68	One-dimensional quantum mechanics with Dunkl derivative. <i>Modern Physics Letters A</i> , 2019, 34, 1950190.	1.2	28
69	EXACT SOLUTION OF DIRAC EQUATION FOR MIE-TYPE POTENTIAL BY USING THE NIKIFOROV-LIVAROV METHOD UNDER THE PSEUDOSPIN AND SPIN SYMMETRY LIMIT. <i>Modern Physics Letters A</i> , 2010, 25, 2447-2456.	1.2	27
70	DKP EQUATION UNDER A VECTOR HULTHÅN-TYPE POTENTIAL: AN APPROXIMATE SOLUTION. <i>Modern Physics Letters A</i> , 2011, 26, 1621-1629.	1.2	27
71	Relativistic Morse Potential and Tensor Interaction. <i>Few-Body Systems</i> , 2012, 52, 19-29.	1.5	27
72	Alternative solution of the gamma-rigid Bohr Hamiltonian in minimal length formalism. <i>Nuclear Physics A</i> , 2017, 957, 439-449.	1.5	27

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73	Nuclear isospin effect on \hat{I}_{\pm} -decay half-lives. Nuclear Physics A, 2018, 975, 19-28.	1.5	27
74	On the Conformable Fractional Quantum Mechanics. Journal of the Korean Physical Society, 2018, 72, 980-986.	0.7	27
75	The generalized Klein-Gordon oscillator in a cosmic space-time with a space-like dislocation and the Aharonov-Bohm effect. European Physical Journal Plus, 2020, 135, 1.	2.6	27
76	Approximate Solutions of Schrödinger Equation under Manning-Rosen Potential in Arbitrary Dimension via SUSYQM. Acta Physica Polonica A, 2012, 122, 650-654.	0.5	27
77	Solution of Klein Gordon Equation for Some Diatomic Molecules with New Generalized Morse-like Potential Using SUSYQM. Bulletin of the Korean Chemical Society, 2014, 35, 3443-3446.	1.9	27
78	Exact solution Dirac equation for an energy-dependent potential. European Physical Journal Plus, 2012, 127, 1.	2.6	26
79	Relativistic versus nonrelativistic solution of the N-fermion problem in a hyperradius-confining potential. Few-Body Systems, 2007, 41, 201-210.	1.5	25
80	On the motion of a quantum particle in the spinning cosmic string space-time. Annals of Physics, 2015, 356, 346-351.	2.8	25
81	Quantum mechanics on (anti)-de Sitter background. Modern Physics Letters A, 2017, 32, 1750138.	1.2	25
82	Duffin-Kemmer-Petiau equation in curved space-time with scalar linear interaction. European Physical Journal Plus, 2017, 132, 1.	2.6	25
83	Relativistic free fermions in an elastic medium with screw dislocations. European Physical Journal Plus, 2020, 135, 1.	2.6	25
84	Bound and scattering states of spinless particles under the generalized Pöschl-Teller potential. Indian Journal of Physics, 2013, 87, 1017-1022.	1.8	24
85	Analytical Approximate Solution of Schrödinger Equation in D Dimensions with Quadratic Exponential-Type Potential for Arbitrary l -State. Communications in Theoretical Physics, 2014, 61, 457-463.	2.5	24
86	Spin and Pseudospin Symmetries of Hellmann Potential with Three Tensor Interactions Using Nikiforov-Uvarov Method. Communications in Theoretical Physics, 2015, 64, 637-643.	2.5	24
87	Study of Heavy-Light Mesons Properties Via the Variational Method for Cornell Interaction. Few-Body Systems, 2016, 57, 249-254.	1.5	24
88	Systematic study of alpha decay half-lives using new universal decay law. International Journal of Modern Physics E, 2019, 28, 1950075.	1.0	24
89	Duffin-Kemmer-Petiau oscillator in the presence of a cosmic screw dislocation. International Journal of Modern Physics A, 2020, 35, 2050195.	1.5	24
90	DIRAC EQUATION FOR A COULOMB SCALAR, VECTOR AND TENSOR INTERACTION. International Journal of Modern Physics A, 2011, 26, 1011-1018.	1.5	23

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91	Calculation of the Oscillator Strength for the Klein-Gordon Equation with Tietz Potential. Few-Body Systems, 2012, 53, 573-581.	1.5	23
92	Scattering states of Dirac equation in the presence of cosmic string for Coulomb interaction. International Journal of Modern Physics A, 2015, 30, 1550124.	1.5	23
93	Analytical solution of Bohr Hamiltonian and extended form of sextic potential using bi-confluent Heun functions. European Physical Journal Plus, 2017, 132, 1.	2.6	23
94	Observations of the Ramsauer-Townsend effect in quaternionic quantum mechanics. European Physical Journal C, 2017, 77, 1.	3.9	23
95	Investigation of Unruh temperature of black holes by using the EGUP formalism. Europhysics Letters, 2020, 130, 40001.	2.0	23
96	Dirac equation in the presence of coulomb and linear terms in (1+1) dimensions; the supersymmetric approach. Annals of Physics, 2010, 325, 1720-1726.	2.8	22
97	The Generalized Uncertainty Principle and Harmonic Interaction in Three Spatial Dimensions. Few-Body Systems, 2015, 56, 19-27.	1.5	22
98	Investigation of Bohr-Mottelson Hamiltonian in \hat{I}^3 -rigid version with position dependent mass. Nuclear Physics A, 2017, 960, 78-89.	1.5	22
99	Exact solutions to generalized Dunkl oscillator and its thermodynamic properties. Europhysics Letters, 2021, 135, 30006.	2.0	22
100	Approximate Pseudospin Solutions of the Dirac Equation with the Eckart Potential Including a Coulomb-Like Tensor Potential. International Journal of Theoretical Physics, 2011, 50, 454-464.	1.2	21
101	Duffin-Kemmer-Petiau equation under a scalar and vector Hulthen potential; an ansatz solution to the corresponding Heun equation. Canadian Journal of Physics, 2012, 90, 299-304.	1.1	21
102	Actual and general Manning-Rosen potentials under spin and pseudospin symmetries of the Dirac equation. Canadian Journal of Physics, 2012, 90, 633-646.	1.1	21
103	Exact Solutions of D-Dimensional Klein-Gordon Equation with an Energy-Dependent Potential by Using of Nikiforov-Uvarov Method. Arabian Journal for Science and Engineering, 2012, 37, 209-215.	1.1	21
104	Exact Solutions of Schrödinger Equation with Improved Ring-Shaped Non-Spherical Harmonic Oscillator and Coulomb Potential. Communications in Theoretical Physics, 2016, 65, 569-574.	2.5	21
105	Bohr Hamiltonian with Eckart potential for triaxial nuclei. European Physical Journal Plus, 2016, 131, 1.	2.6	21
106	Study of heavy-baryon transitions. Physical Review D, 2014, 90, .	4.7	20
107	D-Dimensional Dirac Equation for Energy-Dependent Pseudoharmonic and Mie-type Potentials via SUSYQM. Communications in Theoretical Physics, 2014, 61, 436-446.	2.5	20
108	Pseudospin and spin symmetry of Dirac equation under Deng-Fan potential and Yukawa potential as a tensor interaction. Indian Journal of Physics, 2014, 88, 405-411.	1.8	20

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109	Nonrelativistic Shannon information entropy for Killingbeck potential. Canadian Journal of Physics, 2016, 94, 1085-1092.	1.1	20
110	Investigation of Conformable Fractional Schrödinger Equation in Presence of Killingbeck and Hyperbolic Potentials. Communications in Theoretical Physics, 2017, 67, 250.	2.5	20
111	New deformed Heisenberg algebra with reflection operator. European Physical Journal Plus, 2021, 136, 1.	2.6	20
112	Approximate any l-state solutions of the Dirac equation for modified deformed Hylleraas potential by using the Nikiforov-Uvarov method. Chinese Physics B, 2012, 21, 120302.	1.4	19
113	s-wave solutions of spin-one DKP equation for a deformed Hulthén potential in (1+3) dimensions. European Physical Journal Plus, 2012, 127, 1.	2.6	19
114	Dirac equation under the Deng-Fan potential and the Hulthén potential as a tensor interaction via SUSYQM. European Physical Journal Plus, 2013, 128, 1.	2.6	19
115	Davydov-Chaban Hamiltonian in presence of time-dependent potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 1-5.	4.1	19
116	Relativistic scattering of fermions in quaternionic quantum mechanics. European Physical Journal C, 2017, 77, 1.	3.9	19
117	Investigation of DKP equation for spin-zero system in the presence of Gdel-type background space-time. European Physical Journal C, 2018, 78, 1.	3.9	18
118	Superstatistics with different kinds of distributions in the deformed formalism. European Physical Journal Plus, 2018, 133, 1.	2.6	18
119	Effect of the Wigner-Dunkl algebra on the Dirac equation and Dirac harmonic oscillator. Modern Physics Letters A, 2018, 33, 1850146.	1.2	18
120	Superstatistics properties of q -deformed Morse potential in one dimension. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 740-747.	2.6	18
121	Solutions of Schrodinger equation for the modified Mobius square plus Kratzer potential. European Physical Journal Plus, 2020, 135, 1.	2.6	18
122	Analytical Treatment of a Three-Electron-Quantum Dot Under Rashba Spin-Orbit Interaction. Few-Body Systems, 2012, 52, 87-95.	1.5	17
123	Any l-state solutions of the Schrödinger equation for the Modified Woods-Saxon potential in arbitrary dimensions. Applied Mathematics and Computation, 2013, 219, 4710-4717.	2.2	17
124	Scattering State of Klein-Gordon Particles by q-Parameter Hyperbolic Poschl-Teller Potential. Advances in High Energy Physics, 2015, 2015, 1-7.	1.1	17
125	Shannon information entropies for the three-dimensional Klein-Gordon problem with the Poschl-Teller potential. Journal of the Korean Physical Society, 2016, 68, 1267-1271.	0.7	17
126	Scattering and Bound States of Klein-Gordon Particle with Hylleraas Potential Within Effective Mass Formalism. Few-Body Systems, 2016, 57, 823-831.	1.5	17

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127	Exactly separable Bohr Hamiltonian with the Killingbeck potential for triaxial nuclei. Nuclear Physics A, 2016, 945, 80-88.	1.5	17
128	Relativistic spin-zero bosons in a Somâ€“Raychaudhuri spaceâ€“time. General Relativity and Gravitation, 2018, 50, 1.	2.0	17
129	Black hole thermodynamics under the generalized uncertainty principle and doubly special relativity. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	17
130	Calculation of \hat{I}_{\pm} -decay and cluster half-lives for $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \langle \text{mml:msup} \langle \text{mml:mrow} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 197 \langle / \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle / \text{mml:mtext} \rangle \langle \text{mml:mn} \rangle 226 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle / \text{mml:msup} \rangle \rangle$ using temperature-dependent proximity potential model. Nuclear Physics A, 2020, 997, 121714.	1.5	17
131	A quasi-analytical approach to study energy levels of a two-electron quantum dot. European Physical Journal B, 2010, 74, 415-418.	1.5	16
132	Approximate analytical versus numerical solutions of SchrÃ¶dinger equation under molecular Hua potential. International Journal of Quantum Chemistry, 2012, 112, 3706-3710.	2.0	16
133	Dirac equation under Manning-Rosen potential and HulthÃ©n tensor interaction. European Physical Journal Plus, 2013, 128, 1.	2.6	16
134	Exact analytical versus numerical solutions of SchrÃ¶dinger equation for Hua plus modified Eckart potential. Indian Journal of Physics, 2013, 87, 1219-1223.	1.8	16
135	Two-Dimensional Linear Dependencies on the Coordinate Time-Dependent Interaction in Relativistic Non-Commutative Phase Space. Communications in Theoretical Physics, 2015, 64, 263-268.	2.5	16
136	Properties of Quasi-Oscillator in Position-Dependent Mass Formalism. Advances in High Energy Physics, 2016, 2016, 1-7.	1.1	16
137	Scattering of position-dependent mass SchrÃ¶dinger equation with delta potential. European Physical Journal Plus, 2017, 132, 1.	2.6	16
138	Investigation of Bohr Hamiltonian in presence of Killingbeck potential using bi-confluent Heun functions. Nuclear Physics A, 2018, 973, 33-47.	1.5	16
139	Investigation of the Dirac Equation by Using the Conformable Fractional Derivative. Journal of the Korean Physical Society, 2018, 72, 987-990.	0.7	16
140	Quantum mechanics on (anti)-de Sitter background II: Ramsauerâ€“Townsend effect and WKB method. Modern Physics Letters A, 2018, 33, 1850150.	1.2	16
141	Thermodynamics of the Reissner-NordstrÃ¶m black hole with quintessence matter on the EGPL framework. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136994.	4.1	16
142	Quadratic and Coulomb Terms for the Spectrum of a Three-Electron Quantum Dot. Few-Body Systems, 2010, 48, 53-58.	1.5	15
143	The effect of intense laser field on the Electronic Raman Scattering of shallow donor impurities in quantum dots. Superlattices and Microstructures, 2011, 50, 501-510.	3.1	15
144	Relativistic Spinless Bosons in Exponential Fields. Few-Body Systems, 2011, 51, 69-75.	1.5	15

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145	Supersymmetric study of the pseudospin symmetry limit of the Dirac equation for a pseudoharmonic potential. <i>Physica Scripta</i> , 2011, 83, 015009.	2.5	15
146	Entanglement in Hooke's Law Atoms: an Effect of the Dimensionality of the Space. <i>Few-Body Systems</i> , 2012, 52, 189-192.	1.5	15
147	Solutions of the Two-Body Salpeter Equation Under an Exponential Potential for Any l State. <i>Few-Body Systems</i> , 2012, 52, 165-170.	1.5	15
148	Approximate Solutions of D-Dimensional Klein-Gordon Equation with modified Hylleraas Potential. <i>Few-Body Systems</i> , 2013, 54, 2041-2051.	1.5	15
149	Exact Solution of Klein-Gordon with the Pöschl-Teller Double-Ring-Shaped Coulomb Potential. <i>Acta Physica Polonica A</i> , 2014, 126, 647-652.	0.5	15
150	The DKP Oscillator in Spinning Cosmic String Background. <i>Advances in High Energy Physics</i> , 2018, 2018, 1-8.	1.1	15
151	Effect of the new extended uncertainty principle on black hole thermodynamics. <i>Europhysics Letters</i> , 2020, 129, 59001.	2.0	15
152	Vector boson oscillator in the spiral dislocation spacetime. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	15
153	Thermodynamics of the Schwarzschild and Reissner-Nordström black holes under higher-order generalized uncertainty principle. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	15
154	Relativistic Landau quantization for a composite system in the spiral dislocation spacetime. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	15
155	Approximate solutions of the Klein-Gordon equation for an Eckart and modified Hylleraas potential by SUSYQM. <i>European Physical Journal Plus</i> , 2012, 127, 1.	2.6	14
156	Minimal length Dirac equation revisited. <i>European Physical Journal Plus</i> , 2013, 128, 1.	2.6	14
157	APPROXIMATE RELATIVISTIC \hat{p} -STATE SOLUTIONS TO THE DIRAC-HYPERBOLIC PROBLEM WITH GENERALIZED TENSOR INTERACTIONS. <i>International Journal of Modern Physics E</i> , 2013, 22, 1350048.	1.0	14
158	Exact Solutions of the (2+1)-Dimensional Dirac Oscillator under a Magnetic Field in the Presence of a Minimal Length in the Non-commutative Phase Space. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 619-627.	1.5	14
159	Classical mechanics in the de Sitter space. <i>Journal of the Korean Physical Society</i> , 2017, 71, 13-18.	0.7	14
160	\hat{I}_{\pm} -decay half-lives of some superheavy nuclei within a modified generalized liquid drop model. <i>Physical Review C</i> , 2019, 100, .	2.9	14
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