

# Akpan N. Ikot

## List of Publications by Year in descending order

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161  
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338  
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#	ARTICLE	IF	CITATIONS
1	Application of Morse potential and improved deformed exponential-type potential (IDEP) model to predict thermodynamics properties of diatomic molecules. International Journal of Modern Physics C, 2022, 33, .	0.8	21
2	Eigenfunctions, uncertainties and thermal properties of diatomic molecules under screened modified Kratzer potential. Indian Journal of Physics, 2022, 96, 3429-3448.	0.9	8
3	Aharonovâ€“Bohm (AB) flux and thermomagnetic properties of Hellmann plus screened Kratzer potential as applied to diatomic molecules using Nikiforovâ€“Uvarov-Functional-Analysis (NUFA) method. Molecular Physics, 2022, 120, .	0.8	19
4	The magnetocaloric effect, thermo-magnetic and transport properties of LiH diatomic molecule. Molecular Physics, 2022, 120, .	0.8	12
5	Global Quantum Information-Theoretic Measures in the Presence of Magnetic and Aharonov-Bohm (AB) Fields. Symmetry, 2022, 14, 976.	1.1	9
6	Thermal Properties and Magnetic Susceptibility of Hellmann Potential in Aharonovâ€“Bohm (AB) Flux and Magnetic Fields at Zero and Finite Temperatures. Journal of Low Temperature Physics, 2021, 202, 83-105.	0.6	31
7	Rotation vibration spectrum of potassium molecules via the improved generalized PÃ¶schlâ€“Teller oscillator. International Journal of Quantum Chemistry, 2021, 121, e26558.	1.0	15
8	Bound state solutions of the Kleinâ€“Gordon equation with energy-dependent potentials. Modern Physics Letters A, 2021, 36, 2150016.	0.5	3
9	Approximate Analytical Solutions of the Kleinâ€“Gordon Equation with Generalized Morse Potential. International Journal of Thermophysics, 2021, 42, 1.	1.0	17
10	Energy spectra and thermal properties of diatomic molecules in the presence of magnetic and AB fields with improved Kratzer potential. Molecular Physics, 2021, 119, e1821922.	0.8	42
11	Thermodynamic functions for diatomic molecules with modified Kratzer plus screened Coulomb potential. Indian Journal of Physics, 2021, 95, 411-421.	0.9	31
12	Energy spectra and magnetic properties of diatomic molecules in the presence of magnetic and AB fields with the inversely quadratic Yukawa potential. European Physical Journal D, 2021, 75, 1.	0.6	25
13	Kleinâ€“Gordon Equation and Nonrelativistic Thermodynamic Properties with Improved Screened Kratzer Potential. Journal of Low Temperature Physics, 2021, 202, 269-289.	0.6	26
14	Effects of Topological Defect on the Energy Spectra and Thermo-magnetic Properties of $CO$ Diatomic Molecule. Journal of Low Temperature Physics, 2021, 203, 84-111.	0.6	39
15	The Nikiforovâ€“Uvarov-Functional Analysis (NUFA) Method: A New Approach for Solving Exponential-Type Potentials. Few-Body Systems, 2021, 62, 1.	0.7	40
16	Bound and scattering states solutions of the Kleinâ€“Gordon equation with generalized Mobius square potential in D-dimensions. European Physical Journal D, 2021, 75, 1.	0.6	8
17	Analytical solutions of fractional SchrÃ¶dinger equation and thermal properties of Morse potential for some diatomic molecules. Modern Physics Letters A, 2021, 36, 2150041.	0.5	9
18	Bound states and scattering phase shift of relativistic spinless particles with screened Kratzer potential. Indian Journal of Physics, 2021, 95, 2275-2284.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Effect of momentum-dependent parameter on energy eigenvalues and Fisher information. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	1
20	Shannon information entropy in the presence of magnetic and Aharonov-Bohm (AB) fields. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	36
21	Solutions of the 2D Schrodinger equation and its thermal properties for improved ultra-generalized exponential hyperbolic potential (IUGE-HP). <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	9
22	Thermal properties of anharmonic Eckart potential model using Euler-MacLaurin formula. <i>Pramana - Journal of Physics</i> , 2021, 95, 1.	0.9	12
23	Analysis of the impact of external fields on the energy spectra and thermo-magnetic properties of $N_2$ , $I_2$ , $CO$ , $NO$ and $HCl$ diatomic molecules. <i>Molecular Physics</i> , 2021, 119, .	0.8	21
24	Spin and pseudospin symmetries of the Dirac equation for the generalised Morse potential and a class of Yukawa potential. <i>Pramana - Journal of Physics</i> , 2021, 95, 1.	0.9	7
25	Persistent Current, Magnetic Susceptibility, and Thermal Properties for a Class of Yukawa Potential in the Presence of External Magnetic and Aharonov-Bohm Fields. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	1.0	14
26	Thermo-magnetic properties of the screened Kratzer potential with spatially varying mass under the influence of Aharonov-Bohm(AB) and position-dependent magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 131, 114710.	1.3	23
27	Analyzing the Effects of Topological Defect (TD) on the Energy Spectra and Thermal Properties of LiH, TiC and $I_2$ Diatomic Molecules. <i>Entropy</i> , 2021, 23, 1060.	1.1	27
28	Bound and Scattering State Solutions of the Klein-Gordon Equation with Deng-Fan Potential in Higher Dimensions. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	5
29	Bound and scattering states solutions of the Klein-Gordon equation with the attractive radial potential in higher dimensions. <i>Modern Physics Letters A</i> , 2021, 36, .	0.5	4
30	Effect of the deformation parameter on the nonrelativistic energy spectra of the q-deformed Hulthen-quadratic exponential-type potential. <i>Eletica Quimica</i> , 2021, 46, 60-73.	0.2	2
31	Bound state solutions of the Schrodinger equation for the modified Kratzer potential plus screened Coulomb potential. <i>Indian Journal of Physics</i> , 2020, 94, 425-433.	0.9	65
32	Thermodynamic properties of Aharonov-Bohm (AB) and magnetic fields with screened Kratzer potential. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	65
33	Eigensolution techniques, expectation values and Fisher information of Wei potential function. <i>Journal of Molecular Modeling</i> , 2020, 26, 311.	0.8	4
34	Spin and pseudospin symmetries of a relativistic fermion in an elastic medium with spiral dislocations. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	14
35	Theoretic quantum information entropies for the generalized hyperbolic potential. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26410.	1.0	16
36	Diatomic molecules energy spectra for the generalized Mobius square potential model. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050209.	1.0	10

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37	Energies Spectra and Thermodynamic Properties of Hyperbolic Pöschl-Teller Potential (HPTP) Model. International Journal of Thermophysics, 2020, 41, 1.	1.0	21
38	Dissociation of nucleon and heavy baryon in an anisotropic hot and dense QCD medium using Nikiforov-Uvarov method. European Physical Journal Plus, 2020, 135, 1.	1.2	4
39	Shannon entropy and Fisher information-theoretic measures for Mobius square potential. European Physical Journal Plus, 2020, 135, 1.	1.2	29
40	The Improved Deformed Exponential-type Potential Energy Model for $N_2$ , $NH$ , $SCl$ , and $RbH$ Diatomic Molecules. Bulletin of the Korean Chemical Society, 2020, 41, 609-614.	1.0	10
41	Approximate energy spectra of improved generalized Mobius square potential (IGMSP) for some diatomic hydride molecules. Journal of Molecular Modeling, 2020, 26, 195.	0.8	6
42	Bound State Solution of Radial Schrodinger Equation for the Quark-Antiquark Interaction Potential. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 1191-1204.	0.7	18
43	Superstatistics of Schrödinger equation with pseudo-harmonic potential in external magnetic and Aharanov-Bohm fields. Heliyon, 2020, 6, e03738.	1.4	57
44	Thermal properties of Deng-Fan-Eckart potential model using Poisson summation approach. Journal of Mathematical Chemistry, 2020, 58, 989-1013.	0.7	67
45	Shannon entropy and Fisher information for screened Kratzer potential. International Journal of Quantum Chemistry, 2020, 120, e26246.	1.0	27
46	Fisher and Shannon information entropies for a noncentral inversely quadratic plus exponential Mie-type potential. Communications in Theoretical Physics, 2020, 72, 065104.	1.1	11
47	Bound state solutions of the Schrödinger equation with energy-dependent molecular Kratzer potential via asymptotic iteration method. Eclética Química, 2020, 45, 65.	0.2	31
48	Solutions of Schrodinger equation and thermal properties of generalized trigonometric Poschl-Teller potential. Revista Mexicana De Física, 2020, 66, 824-839.	0.2	23
49	Approximate solutions of the Schrödinger equation with energy-dependent screened Coulomb potential in $D$ dimensions. Eclética Química, 2020, 45, 40-56.	0.2	4
50	Eigensolution, expectation values and thermodynamic properties of the screened Kratzer potential. European Physical Journal Plus, 2019, 134, 1.	1.2	89
51	$q$ -Deformed oscillator algebra in fermionic and bosonic limits. Pramana - Journal of Physics, 2019, 93, 1.	0.9	1
52	Fisher information and uncertainty relations for potential family. International Journal of Quantum Chemistry, 2019, 119, e25991.	1.0	11
53	Analytic solution of multi-dimensional Schrödinger equation in hot and dense QCD media using the SUSYQM method. European Physical Journal Plus, 2019, 134, 1.	1.2	23
54	Solutions of the Klein Gordon equation with generalized hyperbolic potential in $D$ -dimensions. Journal of Physics Communications, 2019, 3, 095015.	0.5	30

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55	Superstatistics of Modified Rosen-Morse Potential with Dirac Delta and Uniform Distributions. Communications in Theoretical Physics, 2019, 71, 1246.	1.1	8
56	A Statistical Mechanical Analysis on the Bound State Solution of an Energy-Dependent Deformed Hulth�n Potential Energy*. Communications in Theoretical Physics, 2019, 71, 1127.	1.1	6
57	Exact and Poisson summation thermodynamic properties for diatomic molecules with shifted Tietz potential. Indian Journal of Physics, 2019, 93, 1171-1179.	0.9	26
58	Rotation-vibrational energies for some diatomic molecules with improved Rosen�Morse potential in D-dimensions. Journal of Molecular Modeling, 2019, 25, 170.	0.8	21
59	Thermodynamics properties of diatomic molecules with general molecular potential. Pramana - Journal of Physics, 2018, 90, 1.	0.9	73
60	Eigensolutions, Shannon entropy and information energy for modified Tietz-Hua potential. Indian Journal of Physics, 2018, 92, 487-493.	0.9	24
61	Thermodynamic Properties of the Modified Yukawa Potential. Journal of the Korean Physical Society, 2018, 73, 1211-1218.	0.3	43
62	Solutions of the Dirac and Schr�dinger equations with shifted Tietz-Wei potential. European Physical Journal Plus, 2018, 133, 1.	1.2	34
63	Analytical solution of the Klein Gordon equation with a multi-parameter q-deformed Woods-Saxon type potential. European Physical Journal Plus, 2018, 133, 1.	1.2	9
64	Bound state solutions of Schr�dinger equation with modified Mobius square potential (MMSP) and its thermodynamic properties. Journal of Molecular Modeling, 2018, 24, 289.	0.8	47
65	Dirac Equation with a New Tensor Interaction under Spin and Pseudospin Symmetries. Communications in Theoretical Physics, 2018, 70, 294.	1.1	3
66	Relativistic Treatment of Spin-zero Particles Subjected to the Shifted Tietz-Wei Potential Model. Journal of the Korean Physical Society, 2018, 73, 531-537.	0.3	2
67	Solutions of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Dimensional Schr�dinger Equation with the Hyperbolic P�schl-Teller Potential plus Modified Ring-Shaped Term. Advances in High Energy Physics, 2018, 2018, 1-9.	0.5	9
68	Electronic states in core/shell GaN/YxGa1-x quantum well (QW) with the modified P�schl-Teller plus Woods�Saxon potential in the presence of electric field. International Journal of Modern Physics B, 2017, 31, 1750119.	1.0	7
69	Eigen solutions, Shannon entropy and fisher information under the Eckart Manning Rosen potential model. Journal of the Korean Physical Society, 2017, 70, 339-347.	0.3	20
70	Study of energy and B(E2) transition rates for Davydov�Chaban Hamiltonian with generalized Davidson potential. Nuclear Physics A, 2017, 963, 1-14.	0.6	3
71	Approximate bound and scattering solutions of Dirac equation for the modified deformed Hylleraas potential with a Yukawa-type tensor interaction. Indian Journal of Physics, 2017, 91, 1103-1113.	0.9	8
72	Investigation of energy and B(E2) transition rates for Bohr Hamiltonian with generalized Davidson potential. Nuclear Physics A, 2017, 966, 82-101.	0.6	7

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73	Using the AIM for solving the non-relativistic wave equation for a new class of infinite one-dimensional well with non-flat bottom. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	10
74	Eigen solutions and entropic system for Hellmann potential in the presence of the Schrödinger equation. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	31
75	Approximate bound-states solution of the Dirac equation with some thermodynamic properties for the deformed Hylleraas plus deformed Woods-Saxon potential. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	17
76	Analytical solution of Bohr Hamiltonian and extended form of sextic potential using bi-confluent Heun functions. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	23
77	Linear and nonlinear optical properties in spherical quantum dots: Manning-Rosen potential. <i>Journal of Optics (India)</i> , 2017, 46, 254-264.	0.8	31
78	Scattering state of the multiparameter potential with an improved approximation for the centrifugal term in $D$ -dimensions. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 81-87.	1.0	12
79	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.	1.2	63
80	Solutions of Dirac equation for a new improved pseudo-Coulomb ring-shaped potential. <i>Karbala International Journal of Modern Science</i> , 2016, 2, 280-288.	0.5	1
81	Exact Solutions of Schrödinger Equation with Improved Ring-Shaped Non-Spherical Harmonic Oscillator and Coulomb Potential. <i>Communications in Theoretical Physics</i> , 2016, 65, 569-574.	1.1	21
82	Linear and Nonlinear Optical Properties in Spherical Quantum Dots: Generalized Hulthén Potential. <i>Few-Body Systems</i> , 2016, 57, 793-805.	0.7	46
83	Bound and Scattering State of Position Dependent Mass Klein-Gordon Equation with Hulthén Plus Deformed-Type Hyperbolic Potential. <i>Few-Body Systems</i> , 2016, 57, 807-822.	0.7	28
84	Relativistic Dirac-attractive radial problem with Yukawa-like tensor interaction via SUSYQM. <i>Chinese Journal of Physics</i> , 2016, 54, 968-977.	2.0	9
85	Scattering and Bound States of Klein-Gordon Particle with Hylleraas Potential Within Effective Mass Formalism. <i>Few-Body Systems</i> , 2016, 57, 823-831.	0.7	17
86	Comparative Study of Thermal Conductivity Values of Different Percentage Compositions of Ground <i>Arachis hypogea</i> (Groundnut) Husk and <i>Vigna unguiculata</i> (Beans) Husk Compressed Fiberboards. <i>Journal of Thermal Science and Engineering Applications</i> , 2016, 8, .	0.8	2
87	Dirac equation in minimal length quantum mechanics with energy- dependent harmonic potential. <i>Journal of Information and Optimization Sciences</i> , 2016, 37, 101-109.	0.2	4
88	Bound States of the Dirac Equation for Modified Mobius Square Potential Within the Yukawa-Like Tensor Interaction. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2016, 86, 433-440.	0.8	3
89	Solutions of the Schrödinger equation for pseudo-Coulomb potential plus a new improved ring-shaped potential in the cosmic string space-time. <i>Canadian Journal of Physics</i> , 2016, 94, 517-521.	0.4	15
90	Relativistic Symmetries in the Dirac Equation for an Eight-parameter Exponential-type Potential. <i>New Physics: Sae Mulli</i> , 2016, 66, 199-210.	0.0	2

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91	Spin and Pseudospin Symmetries of Hellmann Potential with Three Tensor Interactions Using Nikiforov-Uvarov Method. Communications in Theoretical Physics, 2015, 64, 637-643.	1.1	24
92	Scattering State of Klein-Gordon Particles by q-Parameter Hyperbolic Poschl-Teller Potential. Advances in High Energy Physics, 2015, 2015, 1-7.	0.5	17
93	Relativistic symmetries of a multiparameter exponential-type potential within Coulomb-like and Yukawa-like tensor interactions. Journal of the Korean Physical Society, 2015, 66, 867-876.	0.3	4
94	Scattering State of Coupled Hulthen-Woods-Saxon Potentials for the Duffin-Kemmer-Petiau Equation with Pekeris Approximation for the Centrifugal Term. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 185-191.	0.7	3
95	Solutions of D-dimensional Klein-Gordon equation for multiparameter exponential-type potential using supersymmetric quantum mechanics. Indian Journal of Physics, 2015, 89, 649-656.	0.9	10
96	Approximate Solutions of the Dirac Equation for the Hua Plus Modified Eckart Potential. Arabian Journal for Science and Engineering, 2015, 40, 2063-2077.	1.1	2
97	Dirac equation under Hellmann potential as pseudoscalar potential. Indian Journal of Physics, 2015, 89, 289-294.	0.9	5
98	Scattering states of Cusp potential in minimal length Dirac equation. Indian Journal of Physics, 2015, 89, 1221-1226.	0.9	11
99	Solution of Spinless Salpeter Equation with Generalized Hulthén Potential Using SUSYQM. Acta Physica Polonica A, 2015, 127, 674-677.	0.2	3
100	Minimal Length Quantum Mechanics of Dirac Particles in Noncommutative Space. Chinese Physics Letters, 2015, 32, 030201.	1.3	7
101	Schrödinger equation with modified Smorodinsky-Winternitz potential. Turkish Journal of Physics, 2015, 39, 37-42.	0.5	1
102	Analytical solutions of the DKP equation under Tietz-Hua potential in (1 + 3) dimensions. Physics of Particles and Nuclei Letters, 2015, 12, 275-281.	0.1	5
103	Relativistic Symmetries of ( $D+1$ ) Dimensional Dirac Equation with Multiparameter Exponential-Type Potentials Using Supersymmetric Quantum Mechanics. Few-Body Systems, 2015, 56, 185-196.	0.7	13
104	Approximate arbitrary $\ell$ -state solutions of Dirac equation with Schiöberg and Manning-Rosen potentials within the coulomb-like Yukawa-like and generalized tensor interactions. Physics of Particles and Nuclei Letters, 2015, 12, 498-515.	0.1	6
105	Dirac-Hulthén Problem Within Coulomb-Hulthén Tensor Interaction Via SUSYQM. Few-Body Systems, 2015, 56, 41-51.	0.7	2
106	Effects of tensors coupling to Dirac equation with shifted Hulthen potential via SUSYQM. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2015, 18, 46-59.	1.0	6
107	Approximate Analytical Solutions of the Klein-Gordon Equation with an Exponential-type Potential. New Physics: Sae Mulli, 2015, 65, 825-836.	0.0	7
108	Bound and scattering states of modified Yukawa potential under relativistic spin and pseudospin symmetries with three tensor interactions. European Physical Journal Plus, 2014, 129, 1.	1.2	7

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109	Approximate solutions of Klein-Gordon equation with improved Manning-Rosen potential in D-dimensions using SUSYQM. Chinese Physics B, 2014, 23, 120303.	0.7	27
110	Exact Solution of Klein-Gordon with the Pöschl-Teller Double-Ring-Shaped Coulomb Potential. Acta Physica Polonica A, 2014, 126, 647-652.	0.2	15
111	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.	1.1	24
112	The Relativistic Screened Coulomb plus Ringed-Shaped-Like Potential via Shape-Invariance Approach. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 659-664.	0.7	0
113	Dirac Equation under Scalar and Vector Generalized Isotonic Oscillators and Cornell Tensor Interaction. Advances in High Energy Physics, 2014, 2014, 1-7.	0.5	3
114	D-Dimensional Dirac Equation for Energy-Dependent Pseudoharmonic and Mie-type Potentials via SUSYQM. Communications in Theoretical Physics, 2014, 61, 436-446.	1.1	20
115	Solutions of the Duffin-Kemmer-Petiau Equation Under a Vector Hellman Potential. Few-Body Systems, 2014, 55, 211-218.	0.7	5
116	Supersymmetry quantum mechanics to Dirac equation with a modified Yukawa potential and a Yukawa tensor term. Indian Journal of Physics, 2014, 88, 283-292.	0.9	13
117	Approximate solutions of Dirac equation for Tietz and general Manning-Rosen potentials using SUSYQM. Physics of Particles and Nuclei Letters, 2014, 11, 432-442.	0.1	3
118	Solutions to the Dirac equation for symmetric and asymmetric trigonometric Rosen-Morse potential using SUSYQM. Physics of Particles and Nuclei Letters, 2014, 11, 443-457.	0.1	3
119	The chiral operators and the statistical properties of the $(2+1)$ -dimensional Dirac oscillator in noncommutative space. European Physical Journal Plus, 2014, 129, 1.	1.2	5
120	Pseudospin symmetry of the Dirac equation for a Pöschl-Teller square plus Mie type potential with a Coulomb-like tensor interaction via SUSYQM. Chinese Physics C, 2014, 38, 013101.	1.5	15
121	Bound State Solutions of the Dirac Equation for the Eckart Potential with Coulomb-Like Yukawa-Like Tensor Interactions. Few-Body Systems, 2014, 55, 241-253.	0.7	3
122	Approximate bound-state solutions of the Dirac equation for the generalized yukawa potential plus the generalized tensor interaction. Journal of the Korean Physical Society, 2014, 64, 1248-1258.	0.3	4
123	Solutions of Dirac Equation with Generalized Rotating Deng-Fan Potential. Arabian Journal for Science and Engineering, 2014, 39, 467-474.	1.1	4
124	Symmetry limits of $(D+1)$ -dimensional Dirac equation with Pöschl-Teller square potential. European Physical Journal Plus, 2014, 129, 1.	1.2	23
125	Relativistic symmetries of Deng-Fan and Eckart potentials with Coulomb-like and Yukawa-like tensor interactions. Chinese Physics B, 2014, 23, 100306.	0.7	14
126	Generalized tensor interaction and relativistic spin and pseudospin symmetries with the Manning-Rosen potential. Physics of Atomic Nuclei, 2014, 77, 282-289.	0.1	3



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127	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.	1.0	27
128	Dirac equation under Manning-Rosen potential and Hulth�n tensor interaction. European Physical Journal Plus, 2013, 128, 1.	1.2	16
129	Bound state solutions of $d$ -dimensional Schr�dinger equation with Eckart potential plus modified deformed Hylleraas potential. Chinese Physics B, 2013, 22, 020304.	0.7	20
130	Exact analytical versus numerical solutions of Schr�dinger equation for Hua plus modified Eckart potential. Indian Journal of Physics, 2013, 87, 1219-1223.	0.9	16
131	Relativistic treatment of spinless particle subject to generalized Tiez-Wei oscillator. Indian Journal of Physics, 2013, 87, 913-917.	0.9	13
132	Solution of Dirac Equation with Generalized Hylleraas Potential. Communications in Theoretical Physics, 2013, 59, 268-272.	1.1	14
133	Solutions of Dirac Equation in the Presence of Modified Tietz and Modified Poschl-Teller Potentials Plus a Coulomb-Like Tensor Interaction Using SUSYQM. Few-Body Systems, 2013, 54, 2053-2065.	0.7	9
134	Relativistic Spin and Pseudospin Symmetries of Inversely Quadratic Yukawa-like plus Mobius Square Potentials Including a Coulomb-like Tensor Interaction. Few-Body Systems, 2013, 54, 2027-2040.	0.7	28
135	Scattering states of the dirac equation under asymmetric Hulth�n potential. European Physical Journal Plus, 2013, 128, 1.	1.2	8
136	Dirac equation for the generalized Deng-Fan potential with coulomb and Yukawa tensor interactions. Journal of the Korean Physical Society, 2013, 63, 1503-1514.	0.3	6
137	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.	1.4	32
138	Approximate solutions of the Klein-Gordon equation with unequal scalar and vector modified Hylleraas potential. Indian Journal of Physics, 2013, 87, 155-160.	0.9	19
139	Approximate Solutions of D-Dimensional Klein-Gordon Equation with modified Hylleraas Potential. Few-Body Systems, 2013, 54, 2041-2051.	0.7	15
140	Bound state solutions of Klein-Gordon equation with Mobius square plus Yukawa potentials. Indian Journal of Physics, 2013, 87, 1133-1139.	0.9	35
141	Shape-Invariant Approach to Study Relativistic Symmetries of the Dirac Equation with a New Hyperbolical Potential Combination. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2013, 68, 499-509.	0.7	4
142	Minimal Length Schr�dinger Equation with Harmonic Potential in the Presence of a Magnetic Field. Advances in High Energy Physics, 2013, 2013, 1-6.	0.5	15
143	Spin and pseudospin symmetries of the Dirac equation with shifted Hulth�n potential using supersymmetric quantum mechanics. Chinese Physics B, 2013, 22, 120302.	0.7	8
144	Relativistic Symmetries of Hulth�n Potential Incorporated with Generalized Tensor Interactions. Advances in High Energy Physics, 2013, 2013, 1-10.	0.5	7

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145	Approximate $\langle i   \hat{p}^2 / i \rangle$ -state solutions to the Dirac Mobius square $\hat{\alpha}^2$ Yukawa and Mobius square $\hat{\alpha}^2$ quasi Yukawa problems under pseudospin and spin symmetry limits with Coulomb-like tensor interaction. Canadian Journal of Physics, 2013, 91, 560-575.	0.4	13
146	PSEUDOSPIN AND SPIN SYMMETRY OF DIRAC-GENERALIZED YUKAWA PROBLEMS WITH A COULOMB-LIKE TENSOR INTERACTION VIA SUSYQM. International Journal of Modern Physics E, 2013, 22, 1350052.	0.4	8
147	APPROXIMATE RELATIVISTIC $\hat{p}^2$ -STATE SOLUTIONS TO THE DIRAC-HYPERBOLIC PROBLEM WITH GENERALIZED TENSOR INTERACTIONS. International Journal of Modern Physics E, 2013, 22, 1350048.	0.4	14
148	Bound State Solutions of the Schrödinger Equation for a More General Woods-Saxon Potential with Arbitrary $\langle i   k / i \rangle$ -State. Chinese Physics Letters, 2012, 29, 090302.	1.3	15
149	Solutions to the Klein-Gordon Equation with Equal Scalar and Vector Modified Hylleraas Plus Exponential Rosen Morse Potentials. Chinese Physics Letters, 2012, 29, 060307.	1.3	20
150	Exact Solutions of the Klein-Gordon Equation with Hylleraas Potential. Few-Body Systems, 2012, 53, 539-548.	0.7	23
151	Solutions of Dirac Equation for Generalized Hyperbolic Potential Including Coulomb-Like Tensor Potential with Spin Symmetry. Few-Body Systems, 2012, 53, 549-555.	0.7	33
152	Approximate solution of Schrödinger equation in D dimensions for inverted generalized hyperbolic potential. Pramana - Journal of Physics, 2012, 79, 345-356.	0.9	8
153	Path Integral of Time-Dependent Modified Caldirola-Kanai Oscillator. Arabian Journal for Science and Engineering, 2012, 37, 217-224.	1.1	2
154	Bound-State Solutions of the Klein-Gordon Equation with $\eta$ -Deformed Equal Scalar and Vector Eckart Potential Using a Newly Improved Approximation Scheme. , 2012, 2012, 1-13.		18
155	Quantum Damped Mechanical Oscillator. International Journal of Optics, 2010, 2010, 1-6.	0.6	4
156	Phytochemical and Antimicrobial Properties of Leaves of <i>Alchonea Cordifolia</i> . E-Journal of Chemistry, 2010, 7, 1071-1079.	0.4	16
157	A Study of Superficial Sediments and Aquifers in Parts of Uyo Local Government Area, Akwa Ibom State, Southern Nigeria, Using Electrical Sounding Method. E-Journal of Chemistry, 2010, 7, 1018-1022.	0.4	23
158	Approximate Solution of the Schrödinger Equation with Rosen-Morse Potential Including the Centrifugal Term. Applied Physics Research, 2010, 2, .	0.2	19
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