

# Akpan N. Ikot

## List of Publications by Year in descending order

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161  
papers

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236612

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162  
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162  
docs citations

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times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eigensolution, expectation values and thermodynamic properties of the screened Kratzer potential. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	89
2	Thermodynamics properties of diatomic molecules with general molecular potential. <i>Pramana - Journal of Physics</i> , 2018, 90, 1.	0.9	73
3	Thermal properties of Deng's Fan's Eckart potential model using Poisson summation approach. <i>Journal of Mathematical Chemistry</i> , 2020, 58, 989-1013.	0.7	67
4	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
5	Thermodynamic properties of Aharanov-Bohm (AB) and magnetic fields with screened Kratzer potential. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	65
6	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
7	Superstatistics of Schrödinger equation with pseudo-harmonic potential in external magnetic and Aharanov-Bohm fields. <i>Heliyon</i> , 2020, 6, e03738.	1.4	57
8	Bound state solutions of Schrödinger equation with modified Mobius square potential (MMSP) and its thermodynamic properties. <i>Journal of Molecular Modeling</i> , 2018, 24, 289.	0.8	47
9	Linear and Nonlinear Optical Properties in Spherical Quantum Dots: Generalized Hulthén Potential. <i>Few-Body Systems</i> , 2016, 57, 793-805.	0.7	46
10	Thermodynamic Properties of the Modified Yukawa Potential. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1211-1218.	0.3	43
11	Energy spectra and thermal properties of diatomic molecules in the presence of magnetic and AB fields with improved Kratzer potential. <i>Molecular Physics</i> , 2021, 119, e1821922.	0.8	42
12	The Nikiforov-Uvarov-Functional Analysis (NUFA) Method: A New Approach for Solving Exponential-Type Potentials. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	40
13	Effects of Topological Defect on the Energy Spectra and Thermo-magnetic Properties of $CO_2$ Diatomic Molecule. <i>Journal of Low Temperature Physics</i> , 2021, 203, 84-111.	0.6	39
14	Shannon information entropy in the presence of magnetic and Aharanov-Bohm (AB) fields. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	36
15	Bound state solutions of Klein-Gordon equation with Mobius square plus Yukawa potentials. <i>Indian Journal of Physics</i> , 2013, 87, 1133-1139.	0.9	35
16	Solutions of the Dirac and Schrödinger equations with shifted Tietz-Wei potential. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	34
17	Solutions of Dirac Equation for Generalized Hyperbolic Potential Including Coulomb-Like Tensor Potential with Spin Symmetry. <i>Few-Body Systems</i> , 2012, 53, 549-555.	0.7	33
18	Approximate arbitrary-state solutions of Dirac equation for modified deformed Hylleraas and Modified Eckart potentials by the NU method. <i>Applied Mathematics and Computation</i> , 2013, 219, 9388-9398.	1.4	32

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19	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
20	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
21	Thermal Properties and Magnetic Susceptibility of Hellmann Potential in Aharonov-Bohm (AB) Flux and Magnetic Fields at Zero and Finite Temperatures. <i>Journal of Low Temperature Physics</i> , 2021, 202, 83-105.	0.6	31
22	Thermodynamic functions for diatomic molecules with modified Kratzer plus screened Coulomb potential. <i>Indian Journal of Physics</i> , 2021, 95, 411-421.	0.9	31
23	Bound state solutions of the Schrödinger equation with energy-dependent molecular Kratzer potential via asymptotic iteration method. <i>Eletica Quimica</i> , 2020, 45, 65.	0.2	31
24	Solutions of the Klein Gordon equation with generalized hyperbolic potential in D-dimensions. <i>Journal of Physics Communications</i> , 2019, 3, 095015.	0.5	30
25	Shannon entropy and Fisher information-theoretic measures for Mobius square potential. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	29
26	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.	0.7	28
27	Bound and Scattering State of Position Dependent Mass Klein-Gordon Equation with Hulthen Plus Deformed-Type Hyperbolic Potential. <i>Few-Body Systems</i> , 2016, 57, 807-822.	0.7	28
28	Approximate solutions of Klein-Gordon equation with improved Manning-Rosen potential in D-dimensions using SUSYQM. <i>Chinese Physics B</i> , 2014, 23, 120303.	0.7	27
29	Shannon entropy and Fisher information for screened Kratzer potential. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26246.	1.0	27
30	Analyzing the Effects of Topological Defect (TD) on the Energy Spectra and Thermal Properties of LiH, TiC and I <sub>2</sub> Diatomic Molecules. <i>Entropy</i> , 2021, 23, 1060.	1.1	27
31	Solution of Klein Gordon Equation for Some Diatomic Molecules with New Generalized Morse-like Potential Using SUSYQM. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3443-3446.	1.0	27
32	Exact and Poisson summation thermodynamic properties for diatomic molecules with shifted Tietz potential. <i>Indian Journal of Physics</i> , 2019, 93, 1171-1179.	0.9	26
33	Klein-Gordon Equation and Nonrelativistic Thermodynamic Properties with Improved Screened Kratzer Potential. <i>Journal of Low Temperature Physics</i> , 2021, 202, 269-289.	0.6	26
34	Energy spectra and magnetic properties of diatomic molecules in the presence of magnetic and AB fields with the inversely quadratic Yukawa potential. <i>European Physical Journal D</i> , 2021, 75, 1.	0.6	25
35	Analytical Approximate Solution of Schrödinger Equation in $D$ Dimensions with Quadratic Exponential-Type Potential for Arbitrary $l$ -State. <i>Communications in Theoretical Physics</i> , 2014, 61, 457-463.	1.1	24
36	Spin and Pseudospin Symmetries of Hellmann Potential with Three Tensor Interactions Using Nikiforov-Uvarov Method. <i>Communications in Theoretical Physics</i> , 2015, 64, 637-643.	1.1	24

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37	Eigensolutions, Shannon entropy and information energy for modified Tietz-Hua potential. Indian Journal of Physics, 2018, 92, 487-493.	0.9	24
38	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
39	Exact Solutions of the Klein-Gordon Equation with Hylleraas Potential. Few-Body Systems, 2012, 53, 539-548.	0.7	23
40	Symmetry limits of (D+1)-dimensional Dirac equation with MÃ¶bius square potential. European Physical Journal Plus, 2014, 129, 1.	1.2	23
41	Analytical solution of Bohr Hamiltonian and extended form of sextic potential using bi-confluent Heun functions. European Physical Journal Plus, 2017, 132, 1.	1.2	23
42	Analytic solution of multi-dimensional SchrÃ¶dinger equation in hot and dense QCD media using the SUSYQM method. European Physical Journal Plus, 2019, 134, 1.	1.2	23
43	Thermo-magnetic properties of the screened Kratzer potential with spatially varying mass under the influence of Aharonov-Bohm(AB) and position-dependent magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 131, 114710.	1.3	23
44	Solutions of Schrodinger equation and thermal properties of generalized trigonometric Poschl-Teller potential.. Revista Mexicana De FÃsica, 2020, 66, 824-839.	0.2	23
45	Exact Solutions of SchrÃ¶dinger Equation with Improved Ring-Shaped Non-Spherical Harmonic Oscillator and Coulomb Potential. Communications in Theoretical Physics, 2016, 65, 569-574.	1.1	21
46	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
47	Energies Spectra and Thermodynamic Properties of Hyperbolic PÃ¶schl-Teller Potential (HPTP) Model. International Journal of Thermophysics, 2020, 41, 1.	1.0	21
48	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. Molecular Physics, 2021, 119, .	0.8	21
49	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
50	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
51	Bound state solutions of $d$ -dimensional SchrÃ¶dinger equation with Eckart potential plus modified deformed Hylleraas potential. Chinese Physics B, 2013, 22, 020304.	0.7	20
52	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
53	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
54	Approximate Solution of the SchrÃ¶dinger Equation with Rosen-Morse Potential Including the Centrifugal Term. Applied Physics Research, 2010, 2, .	0.2	19

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55	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
56	Aharonov-Bohm (AB) flux and thermomagnetic properties of Hellmann plus screened Kratzer potential as applied to diatomic molecules using Nikiforov-Uvarov-Functional-Analysis (NUFA) method. Molecular Physics, 2022, 120, .	0.8	19
57	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
58	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
59	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
60	Scattering and Bound States of Klein-Gordon Particle with Hylleraas Potential Within Effective Mass Formalism. Few-Body Systems, 2016, 57, 823-831.	0.7	17
61	Approximate bound-states solution of the Dirac equation with some thermodynamic properties for the deformed Hylleraas plus deformed Woods-Saxon potential. European Physical Journal Plus, 2017, 132, 1.	1.2	17
62	Approximate Analytical Solutions of the Klein-Gordon Equation with Generalized Morse Potential. International Journal of Thermophysics, 2021, 42, 1.	1.0	17
63	Phytochemical and Antimicrobial Properties of Leaves of <i>Alchonea Cordifolia</i> . E-Journal of Chemistry, 2010, 7, 1071-1079.	0.4	16
64	Dirac equation under Manning-Rosen potential and Hulthén tensor interaction. European Physical Journal Plus, 2013, 128, 1.	1.2	16
65	Exact analytical versus numerical solutions of Schrödinger equation for Hua plus modified Eckart potential. Indian Journal of Physics, 2013, 87, 1219-1223.	0.9	16
66	Theoretic quantum information entropies for the generalized hyperbolic potential. International Journal of Quantum Chemistry, 2020, 120, e26410.	1.0	16
67	Bound State Solutions of the Schrödinger Equation for a More General Woods-Saxon Potential with Arbitrary $\langle i   \langle i \rangle$ -State. Chinese Physics Letters, 2012, 29, 090302.	1.3	15
68	Approximate Solutions of D-Dimensional Klein-Gordon Equation with modified Hylleraas Potential. Few-Body Systems, 2013, 54, 2041-2051.	0.7	15
69	Minimal Length Schrödinger Equation with Harmonic Potential in the Presence of a Magnetic Field. Advances in High Energy Physics, 2013, 2013, 1-6.	0.5	15
70	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
71	Pseudospin symmetry of the Dirac equation for a Mübbs square plus Mie type potential with a Coulomb-like tensor interaction via SUSYQM. Chinese Physics C, 2014, 38, 013101.	1.5	15
72	Solutions of the Schrödinger equation for pseudo-Coulomb potential plus a new improved ring-shaped potential in the cosmic string space-time. Canadian Journal of Physics, 2016, 94, 517-521.	0.4	15

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73	Rotation vibration spectrum of potassium molecules via the improved generalized Pöschl-Teller oscillator. International Journal of Quantum Chemistry, 2021, 121, e26558.	1.0	15
74	Solution of Dirac Equation with Generalized Hylleraas Potential. Communications in Theoretical Physics, 2013, 59, 268-272.	1.1	14
75	APPROXIMATE RELATIVISTIC $\hat{p}$ -STATE SOLUTIONS TO THE DIRAC-HYPERBOLIC PROBLEM WITH GENERALIZED TENSOR INTERACTIONS. International Journal of Modern Physics E, 2013, 22, 1350048.	0.4	14
76	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
77	Spin and pseudospin symmetries of a relativistic fermion in an elastic medium with spiral dislocations. European Physical Journal Plus, 2020, 135, 1.	1.2	14
78	Persistent Current, Magnetic Susceptibility, and Thermal Properties for a Class of Yukawa Potential in the Presence of External Magnetic and Aharonov-Bohm Fields. International Journal of Thermophysics, 2021, 42, 1.	1.0	14
79	Relativistic treatment of spinless particle subject to generalized Tiej-Wei oscillator. Indian Journal of Physics, 2013, 87, 913-917.	0.9	13
80	Approximate $\langle i \rangle$ -state solutions to the Dirac Mobius square " Yukawa and Mobius square " 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
81	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
82	Relativistic Symmetries of ( $\{m D\} + 1$ ) $D + 1$ ) Dimensional Dirac Equation with Multiparameter Exponential-Type Potentials Using Supersymmetric Quantum Mechanics. Few-Body Systems, 2015, 56, 185-196.	0.7	13
83	Scattering state of the multiparameter potential with an improved approximation for the centrifugal term in $\langle i \rangle$ -dimensions. International Journal of Quantum Chemistry, 2016, 116, 81-87.	1.0	12
84	Thermal properties of anharmonic Eckart potential model using Euler-MacLaurin formula. Pramana - Journal of Physics, 2021, 95, 1.	0.9	12
85	The magnetocaloric effect, thermo-magnetic and transport properties of LiH diatomic molecule. Molecular Physics, 2022, 120, .	0.8	12
86	Scattering states of Cusp potential in minimal length Dirac equation. Indian Journal of Physics, 2015, 89, 1221-1226.	0.9	11
87	Fisher information and uncertainty relations for potential family. International Journal of Quantum Chemistry, 2019, 119, e25991.	1.0	11
88	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
89	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
90	Using the AIM for solving the non-relativistic wave equation for a new class of infinite one-dimensional well with non-flat bottom. European Physical Journal Plus, 2017, 132, 1.	1.2	10

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91	Diatomic molecules energy spectra for the generalized Mobius square potential model. International Journal of Modern Physics B, 2020, 34, 2050209.	1.0	10
92	The Improved Deformed Exponential-type Potential Energy Model for $N_2$ , $Ni$ , $Scl$ , and $RbH$ Diatomic Molecules. Bulletin of the Korean Chemical Society, 2020, 41, 609-614.	1.0	10
93	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
94	Relativistic Dirac-attractive radial problem with Yukawa-like tensor interaction via SUSYQM. Chinese Journal of Physics, 2016, 54, 968-977.	2.0	9
95	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
96	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 Schrödinger Equation with the Hyperbolic Pöschl-Teller Potential plus Modified Ring-Shaped Term. Advances in High Energy Physics, 2018, 2018, 1-9.	0.5	9
97	Analytical solutions of fractional Schrödinger equation and thermal properties of Morse potential for some diatomic molecules. Modern Physics Letters A, 2021, 36, 2150041.	0.5	9
98	Solutions of the 2D Schrodinger equation and its thermal properties for improved ultra-generalized exponential hyperbolic potential (IUGE-HP). European Physical Journal Plus, 2021, 136, 1.	1.2	9
99	Global Quantum Information-Theoretic Measures in the Presence of Magnetic and Aharanov-Bohm (AB) Fields. Symmetry, 2022, 14, 976.	1.1	9
100	Approximate solution of Schrödinger equation in D dimensions for inverted generalized hyperbolic potential. Pramana - Journal of Physics, 2012, 79, 345-356.	0.9	8
101	Scattering states of the dirac equation under asymmetric Hulthén potential. European Physical Journal Plus, 2013, 128, 1.	1.2	8
102	Spin and pseudospin symmetries of the Dirac equation with shifted Hulthén potential using supersymmetric quantum mechanics. Chinese Physics B, 2013, 22, 120302.	0.7	8
103	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
104	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
105	Superstatistics of Modified Rosen-Morse Potential with Dirac Delta and Uniform Distributions. Communications in Theoretical Physics, 2019, 71, 1246.	1.1	8
106	Bound and scattering states solutions of the Klein-Gordon equation with generalized Mobius square potential in D-dimensions. European Physical Journal D, 2021, 75, 1.	0.6	8
107	Eigenfunctions, uncertainties and thermal properties of diatomic molecules under screened modified Kratzer potential. Indian Journal of Physics, 2022, 96, 3429-3448.	0.9	8
108	Relativistic Symmetries of Hulthén Potential Incorporated with Generalized Tensor Interactions. Advances in High Energy Physics, 2013, 2013, 1-10.	0.5	7

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109	Bound and scattering states of modified Yukawa potential under relativistic spin and pseudospin symmetries with three tensor interactions. <i>European Physical Journal Plus</i> , 2014, 129, 1.	1.2	7
110	Minimal Length Quantum Mechanics of Dirac Particles in Noncommutative Space. <i>Chinese Physics Letters</i> , 2015, 32, 030201.	1.3	7
111	Electronic states in core/shell GaN/YxGa1-xN quantum well (QW) with the modified Pöschl-Teller plus Woods-Saxon potential in the presence of electric field. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750119.	1.0	7
112	Investigation of energy and B(E2) transition rates for Bohr Hamiltonian with generalized Davidson potential. <i>Nuclear Physics A</i> , 2017, 966, 82-101.	0.6	7
113	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
114	Approximate Analytical Solutions of the Klein-Gordon Equation with an Exponential-type Potential. <i>New Physics: Sae Mulli</i> , 2015, 65, 825-836.	0.0	7
115	Dirac equation for the generalized Deng-Fan potential with coulomb and Yukawa tensor interactions. <i>Journal of the Korean Physical Society</i> , 2013, 63, 1503-1514.	0.3	6
116	Approximate arbitrary $\hat{p}$ -state solutions of Dirac equation with Schiöberg and Manning-Rosen potentials within the coulomb-like Yukawa-like and generalized tensor interactions. <i>Physics of Particles and Nuclei Letters</i> , 2015, 12, 498-515.	0.1	6
117	Effects of tensors coupling to Dirac equation with shifted Hulthen potential via SUSYQM. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2015, 18, 46-59.	1.0	6
118	A Statistical Mechanical Analysis on the Bound State Solution of an Energy-Dependent Deformed Hulthén Potential Energy*. <i>Communications in Theoretical Physics</i> , 2019, 71, 1127.	1.1	6
119	Approximate energy spectra of improved generalized Mobius square potential (IGMSP) for some diatomic hydride molecules. <i>Journal of Molecular Modeling</i> , 2020, 26, 195.	0.8	6
120	Solutions of the Duffin-Kemmer-Petiau Equation Under a Vector Hellman Potential. <i>Few-Body Systems</i> , 2014, 55, 211-218.	0.7	5
121	The chiral operators and the statistical properties of the (2+1)-dimensional Dirac oscillator in noncommutative space. <i>European Physical Journal Plus</i> , 2014, 129, 1.	1.2	5
122	Dirac equation under Hellmann potential as pseudoscalar potential. <i>Indian Journal of Physics</i> , 2015, 89, 289-294.	0.9	5
123	Analytical solutions of the DKP equation under Tietz-Hua potential in (1 + 3) dimensions. <i>Physics of Particles and Nuclei Letters</i> , 2015, 12, 275-281.	0.1	5
124	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
125	Quantum Damped Mechanical Oscillator. <i>International Journal of Optics</i> , 2010, 2010, 1-6.	0.6	4
126	Shape-Invariant Approach to Study Relativistic Symmetries of the Dirac Equation with a New Hyperbolic Potential Combination. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2013, 68, 499-509.	0.7	4



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127	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
128	Solutions of Dirac Equation with Generalized Rotating Deng-Fan Potential. Arabian Journal for Science and Engineering, 2014, 39, 467-474.	1.1	4
129	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
130	Dirac equation in minimal length quantum mechanics with energy- dependent harmonic potential. Journal of Information and Optimization Sciences, 2016, 37, 101-109.	0.2	4
131	Eigensolution techniques, expectation values and Fisher information of Wei potential function. Journal of Molecular Modeling, 2020, 26, 311.	0.8	4
132	Dissociation of nucleon and heavy baryon in an anisotropic hot and dense QCD medium using Nikiforovâ€Uvarov method. European Physical Journal Plus, 2020, 135, 1.	1.2	4
133	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
134	Bound and scattering states solutions of the Kleinâ€Gordon equation with the attractive radial potential in higher dimensions. Modern Physics Letters A, 2021, 36, .	0.5	4
135	Approximate solutions of the SchrÃdinger equation with energy-dependent screened Coulomb potential in D â€ dimensions. Eclética Quimica, 2020, 45, 40-56.	0.2	4
136	Variational Principle Techniques and the Properties of a Cut-off and Anharmonic Wave Function. E-Journal of Chemistry, 2009, 6, 113-119.	0.4	3
137	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
138	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
139	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
140	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
141	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
142	Scattering State of Coupled Hulthenâ€Woodsâ€Saxon Potentials for the Duffinâ€Kemmerâ€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
143	Solution of Spinless Salpeter Equation with Generalized HulthÃ©n Potential Using SUSYQM. Acta Physica Polonica A, 2015, 127, 674-677.	0.2	3
144	Bound States of the Dirac Equation for Modified Mobius Square Potential Within the Yukawa-Like Tensor Interaction. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2016, 86, 433-440.	0.8	3

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145	Study of energy and B(E2) transition rates for Davydovâ€™Chaban Hamiltonian with generalized Davidson potential. Nuclear Physics A, 2017, 963, 1-14.	0.6	3
146	Dirac Equation with a New Tensor Interaction under Spin and Pseudospin Symmetries. Communications in Theoretical Physics, 2018, 70, 294.	1.1	3
147	Bound state solutions of the Kleinâ€™Gordon equation with energy-dependent potentials. Modern Physics Letters A, 2021, 36, 2150016.	0.5	3
148	Path Integral of Time-Dependent Modified Caldirolaâ€™Kanai Oscillator. Arabian Journal for Science and Engineering, 2012, 37, 217-224.	1.1	2
149	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
150	Diracâ€™HulthÃ©n Problem Within Coulombâ€™HulthÃ©n Tensor Interaction Via SUSYQM. Few-Body Systems, 2015, 56, 41-51.	0.7	2
151	Comparative Study of Thermal Conductivity Values of Different Percentage Compositions of Ground Arachis hypogea (Groundnut) Husk and Vigna unguiculata (Beans) Husk Compressed Fiberboards. Journal of Thermal Science and Engineering Applications, 2016, 8, .	0.8	2
152	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
153	Bound and scattering states of the Klein-Gordon equation for shifted Tietz-Wei potential with applications to diatomic molecules. Molecular Physics, 0, , e1922773.	0.8	2
154	Relativistic Symmetries in the Dirac Equation for an Eight-parameter Exponential-type Potential. New Physics: Sae Mulli, 2016, 66, 199-210.	0.0	2
155	Effect of the deformation parameter on the nonrelativistic energy spectra of the q-deformed Hulthen-quadratic exponential-type potential. Ectica Quimica, 2021, 46, 60-73.	0.2	2
156	On the Canonical Transformation of Time-Dependent Harmonic Oscillator. Research Letters in Physics, 2010, 2010, 1-4.	0.2	1
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