Sayed Abdel-Khalek

List of Publications by Year
in descending order

230	2,404	186265	315739
papers	citations	28 h-index	38 g-index

234	234	234	619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of fractional COVIDâ€19 epidemic model under Caputo operator. Mathematical Methods in the Applied Sciences, 2023, 46, 7944-7964.	2.3	21
2	Multilevel segmentation of medical images in the framework of quantum and classical techniques. Multimedia Tools and Applications, 2023, 82, 13167-13180.	3.9	2
3	An intelligent outlier detection with machine learning empowered big data analytics for mobile edge computing. Cluster Computing, 2023, 26, 71-83.	5.0	10
4	Quantum neural network-based multilabel image classification in high-resolution unmanned aerial vehicle imagery. Soft Computing, 2023, 27, 13027-13038.	3.6	6
5	Optimal deep learning based fusion model for biomedical image classification. Expert Systems, 2022, 39, e12764.	4.5	31
6	Cluster mechanism for sensing data report using robust collaborative distributed spectrum sensing. Cluster Computing, 2022, 25, 2541-2556.	5.0	9
7	Machine learning techniques in internet of UAVs for smart cities applications. Journal of Intelligent and Fuzzy Systems, 2022, 42, 3203-3226.	1.4	18
8	Scheduling Algorithm for Grid Computing Using Shortest Job First with Time Quantum. Intelligent Automation and Soft Computing, 2022, 31, 581-590.	2.1	6
9	An optimized link state routing protocol for real-time application over Vehicular Ad-hoc Network. AEJ - Alexandria Engineering Journal, 2022, 61, 4541-4556.	6.4	14
10	A review on security threats, vulnerabilities, and counter measures of 5G enabled Internetâ€ofâ€Medicalâ€Things. IET Communications, 2022, 16, 421-432.	2.2	90
11	Modeling of Hyperparameter Tuned Deep Learning Model for Automated Image Captioning. Mathematics, 2022, 10, 288.	2.2	9
12	Fusion-Based Deep Learning with Nature-Inspired Algorithm for Intracerebral Haemorrhage Diagnosis. Journal of Healthcare Engineering, 2022, 2022, 1-12.	1.9	11
13	Thermal information and teleportation in two-qutrit Heisenberg XX chain model. AEJ - Alexandria Engineering Journal, 2022, 61, 8335-8342.	6.4	12
14	Propagation of some new traveling wave patterns of the double dispersive equation. Open Physics, 2022, 20, 130-141.	1.7	7
15	Computational Intelligence-Based Harmony Search Algorithm for Real-Time Object Detection and Tracking in Video Surveillance Systems. Mathematics, 2022, 10, 733.	2.2	18
16	Nonclassicality dynamics of a dissipative cavity field containing two qubits with Kerr medium: Linear and Wehrl phase entropies. Modern Physics Letters A, 2022, 37, .	1.2	2
17	COVID-19 Identification System Using Transfer Learning Technique With Mobile-NetV2 and Chest X-Ray Images. Frontiers in Public Health, 2022, 10, 819156.	2.7	1
18	Quantum Coherence and Degree of Mixedness for a System of Two Superconducting Qubits Under Decoheence Conditions. Journal of Russian Laser Research, 2022, 43, 139.	0.6	3

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19	Comparison of Different Confidence Intervals under Type-I Censoring Scheme. Journal of Mathematics, 2022, 2022, 1-9.	1.0	0
20	Optimal path planning for drones based on swarm intelligence algorithm. Neural Computing and Applications, 2022, 34, 10133-10155.	5.6	35
21	A deformed model for N-type four-level atom and a single mode field system in the presence of the Kerr medium. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
22	3D Input Convolutional Neural Network for SSVEP Classification in Design of Brain Computer Interface for Patient User. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-6.	1.3	3
23	Effect of relativistic motion on superconducting quantum bits under decoherence. Results in Physics, 2022, 38, 105402.	4.1	0
24	Leveraging Tweets for Artificial Intelligence Driven Sentiment Analysis on the COVID-19 Pandemic. Healthcare (Switzerland), 2022, 10, 910.	2.0	3
25	New Monotonic Properties of Positive Solutions of Higher-Order Delay Differential Equations and Their Applications. Mathematics, 2022, 10, 1786.	2.2	5
26	Thermal Fisher information and entropy squeezing for superconducting qubits. Results in Physics, 2022, , 105639.	4.1	1
27	An Improved Bald Eagle Search Algorithm with Deep Learning Model for Forest Fire Detection Using Hyperspectral Remote Sensing Images. Canadian Journal of Remote Sensing, 2022, 48, 609-620.	2.4	4
28	On the interaction between Î›-type five-level atom and one-mode squeezed coherent field. Results in Physics, 2022, , 105739.	4.1	2
29	Intelligent Deep Learning Enabled Oral Squamous Cell Carcinoma Detection and Classification Using Biomedical Images. Computational Intelligence and Neuroscience, 2022, 2022, 1-11.	1.7	8
30	Recognition of Hand Gesture Using Electromyography Signal: Human-Robot Interaction. Journal of Sensors, 2022, 2022, 1-9.	1.1	2
31	Atomic Fisher information and entanglement forecasting for quantum system based on artificial neural network and time series model. International Journal of Quantum Chemistry, 2021, 121, e26446.	2.0	4
32	Quantum correlation and statistical properties in semiconductor microcavities with time-varying coupling effect. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114936.	3.5	0
33	Enhanced Differential Crossover and Quantum Particle Swarm Optimization for IoT Applications. IEEE Access, 2021, 9, 93831-93846.	4.2	35
34	Development of Self-Synchronized Dronesâ€™ Network Using Cluster-Based Swarm Intelligence Approach. IEEE Access, 2021, 9, 48010-48022.	4.2	27
35	Quantum Features of Atomâ€“Field Systems in the Framework of Deformed Fields. Applied Sciences (Switzerland), 2021, 11, 408.	2.5	0
36	Mathematical Modeling on Rotational Magneto-Thermoelastic Phenomenon under Gravity and Laser Pulse considering Four Theories. Complexity, 2021, 2021, 1-15.	1.6	1

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37	Tumor edge detection in mammography images using quantum and machine learning approaches. Neural Computing and Applications, 2021, 33, 7773-7784.	5.6	17
38	Dephasing Process of a Single Atom Interacting with a Two-Mode Field. Entropy, 2021, 23, 252.	2.2	2
39	Entanglement of General Two-Qubit States in a Realistic Framework. Symmetry, 2021, 13, 386.	2.2	1
40	Quantum correlations and non-classical properties for two superconducting qubits interacting with a quantized field in the context of deformed Heisenberg algebra. Chaos, Solitons and Fractals, 2021, 143, 110466.	5.1	12
41	Properties of Pancharatnam Phase and Entanglement of a Five-Level Atom Interacting with a Squeezed Field. Journal of Russian Laser Research, 2021, 42, 146-153.	0.6	1
42	Characteristics of the temporal behavior of quantum Fisher information and entanglement between radiation field and two atoms under atomic motion effect. Modern Physics Letters B, 2021, 35, 2150259.	1.9	0
43	Effect of a deformed cavity on a time-dependent quantum system containing an entangled two modes.. Results in Physics, 2021, 23, 104039.	4.1	0
44	Influence of the dissipation on the N-level atom interacting with a two two-level atoms in presence of qubitâ€“qubit interaction. Scientific Reports, 2021, 11, 7345.	3.3	1
45	Tavisâ€“Cummings Model with Moving Atoms. Entropy, 2021, 23, 452.	2.2	8
46	Quantumness Measures for a System of Two Qubits Interacting with a Field in the Presence of the Time-Dependent Interaction and Kerr Medium. Entropy, 2021, 23, 635.	2.2	5
47	Nonlocality and coherence in double quantum dot systems. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 130, 114679.	2.7	4
48	Quantum scheme of dissipative two qubits in a squeezed field: Entanglement and Fisher information. AEJ - Alexandria Engineering Journal, 2021, 60, 3411-3417.	6.4	2
49	Properties of transient spectrum and field purity for a qubit system in squeezed states. Results in Physics, 2021, 26, 104297.	4.1	0
50	Dynamical properties of quantum Fisher information of a two-level atoms interacting with two-mode superposition coherent state. AEJ - Alexandria Engineering Journal, 2021, 60, 3751-3757.	6.4	2
51	Inferences for Joint Hybrid Progressive Censored Exponential Lifetimes under Competing Risk Model. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	9
52	Multi-objective reference point based enriched swarm optimization with an application to blood supply chain under natural disaster. Journal of Intelligent and Fuzzy Systems, 2021, 41, 715-733.	1.4	0
53	Dynamics of skew information correlations in two coupled qubit-systems under the high nonlinearity of a parametric amplifier: Intrinsic decoherence model. Physica A: Statistical Mechanics and Its Applications, 2021, 580, 126125.	2.6	2
54	Entropy squeezing and atomic Wehrl density for the interaction between SU(1,1) Lie algebra and a three-level atom in presence of laser field. Results in Physics, 2021, 30, 104759.	4.1	8

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55	Dynamics and Robust Control of a New Realizable Chaotic Nonlinear Model. Complexity, 2021, 2021, 1-17.	1.6	4
56	A Novel Enhanced Quantum PSO for Optimal Network Configuration in Heterogeneous Industrial IoT. IEEE Access, 2021, 9, 134022-134036.	4.2	23
57	Quantum Fisher Information of a Teleported State in Heisenberg XYZ Chain With Magnetic Field and Kaplanâ€“Shekhtmanâ€“Entin-Wohlmanâ€“Aharony Interaction. IEEE Access, 2021, 9, 51325-51331.	4.2	13
58	Influence of the nonlinearity of nondegenerate parametric amplifier cavity fields on quantum phenomena of two coupled qubits. European Physical Journal Plus, 2021, 136, 1.	2.6	0
59	An Intelligent Metaheuristic Binary Pigeon Optimization-Based Feature Selection and Big Data Classification in a MapReduce Environment. Mathematics, 2021, 9, 2627.	2.2	26
60	Einstein-Podolsky-Rosen Steering for Mixed Entangled Coherent States. Entropy, 2021, 23, 1442.	2.2	0
61	Quality of Services Based on Intelligent IoT WLAN MAC Protocol Dynamic Real-Time Applications in Smart Cities. Computational Intelligence and Neuroscience, 2021, 2021, 1-20.	1.7	14
62	Effects of Energy Dissipation and Deformation Function on the Entanglement, Photon Statistics and Quantum Fisher Information of Three-Level Atom in Photon-Added Coherent States for Morse Potential. Symmetry, 2021, 13, 2188.	2.2	3
63	Effects of the vibrating graphene membrane and the driven classical field on an atomic system coupled to a cavity field. Results in Physics, 2021, 31, 105012.	4.1	15
64	A Comprehensive Review on the Optical Micro-Electromechanical Sensors for the Biomedical Application. Frontiers in Public Health, 2021, 9, 759032.	2.7	13
65	An Empirical Model to Predict the Diabetic Positive Using Stacked Ensemble Approach. Frontiers in Public Health, 2021, 9, 792124.	2.7	11
66	Ensemble of Deep Learning Based Clinical Decision Support System for Chronic Kidney Disease Diagnosis in Medical Internet of Things Environment. Computational Intelligence and Neuroscience, 2021, 2021, 1-13.	1.7	22
67	Digital System Design for Quantum Error Correction Codes. Contrast Media and Molecular Imaging, 2021, 2021, 1-8.	0.8	0
68	Coherence Trapping in Open Two-Qubit Dynamics. Symmetry, 2021, 13, 2445.	2.2	3
69	Quantum Coherence of Atoms with Dipoleâ€“Dipole Interaction and Collective Damping in the Presence of an Optical Field. Symmetry, 2021, 13, 2327.	2.2	2
70	Some features of the nonlocal correlation and geometric phase of the quantum system in two-mode nondegenerate entangled states. Journal of Mathematical Chemistry, 2020, 58, 939-949.	1.5	0
71	Optical soliton solutions for a space-time fractional perturbed nonlinear SchrÃ¶dinger equation arising in quantum physics. Results in Physics, 2020, 16, 102895.	4.1	49
72	On the computational and numerical solutions of the transmission of nerve impulses of an excitable system (the neuron system). Journal of Intelligent and Fuzzy Systems, 2020, 38, 2603-2610.	1.4	8

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73	Genetic algorithm and numerical methods for solving linear and nonlinear system of equations: a comparative study. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2867-2872.	1.4	8
74	Entanglement, photon statistics and Wehrl entropy for a time-dependent qubitâ€“field system in the presence of phase decoherence effect. Optik, 2020, 206, 163579.	2.9	0
75	Some features of the geometric phase and entanglement of three-level atom under cavity damping effects. Indian Journal of Physics, 2020, 94, 1691-1698.	1.8	1
76	Entanglement and atomic Fisher information of a two qubits and optical field in squeezed thermal state. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2435-2441.	1.4	1
77	Effects of a high nonlinear interaction between an open parametric amplifier cavity and a qubit on dynamics of the correlation function and quantum Fisher information. Solid State Communications, 2020, 322, 114075.	1.9	0
78	Quantum phase and nonclassical properties of a two qubits interacting with a radiation field in PACS-PHO. Optik, 2020, 221, 165225.	2.9	1
79	Engineering entanglement, geometric phase, and quantum Fisher information of a threeâ€level system with energy dissipation. Mathematical Methods in the Applied Sciences, 2020, 44, 12120.	2.3	2
80	Interaction of a superconducting qubit and a nonlinear field under energy dissipative effect: entanglement and nonclassical properties. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
81	Beam-target double spin asymmetries in the reaction Î³d â†’ Ï€0d near threshold and the role of D-wave component of the deuteron wave function. Brazilian Journal of Physics, 2020, 50, 615-624.	1.4	4
82	Interaction of a three-level atom and a field with a time-varying frequency in the context of triangular well potentials: An exact treatment. Chaos, Solitons and Fractals, 2020, 139, 109784.	5.1	4
83	Information quantifiers for trapped ion in a carrier excitation laser field. Modern Physics Letters A, 2020, 35, 2050235.	1.2	0
84	Emission Spectrum and Fidelity of an Atomic System Coupled to Fields with Level Energy Differences. Journal of Russian Laser Research, 2020, 41, 327-333.	0.6	1
85	Quantum Extropy and Statistical Properties of the Radiation Field for Photonic Binomial and Even Binomial Distributions. Journal of Russian Laser Research, 2020, 41, 334-343.	0.6	10
86	Response of quantum Fisher information, variance entropy squeezing and entanglement to the intrinsic decoherence of two non-degenerate fields interacting with two qubits. AEJ - Alexandria Engineering Journal, 2020, 59, 5147-5154.	6.4	2
87	Information Entropy Squeezing and Non-local Correlation Between a Two-Level Atom and Two-Mode Field Under the Classical Field Effect. Frontiers in Physics, 2020, 8, .	2.1	0
88	Entanglement and entropy squeezing in the system of two qubits interacting with a two-mode field in the context of power low potentials. Scientific Reports, 2020, 10, 19600.	3.3	9
89	Nonlinear Dynamics of a Cavity Containing a Two-Mode Coherent Field Interacting with Two-Level Atomic Systems. Applied Sciences (Switzerland), 2020, 10, 7150.	2.5	1
90	Time-dependent interaction between a two-level atom and bimodal electromagnetic field. Optical and Quantum Electronics, 2020, 52, 1.	3.3	2

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91	Quantum Fisher information and nonclassical properties of a two-atom interacting with a radiation field in squeezed coherent states. Optical and Quantum Electronics, 2020, 52, 1.	3.3	4
92	Quantum correlations and quantum Fisher information of two qubits in the presence of the time-dependent coupling effect. European Physical Journal Plus, 2020, 135, 1.	2.6	6
93	Statistical properties and nonlocal correlation between a two qubits and optical field in the even deformed binomial distribution. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2737-2744.	1.4	2
94	Nonclassical and Nonlocal Properties of a Superconducting Qubit in the Presence of a Kerr-Like Medium Under Decoherence Effect. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1971-1978.	1.8	5
95	Quantum scheme for N-level atom interacting with a two two-level atom: Atomic Fisher information and entropy squeezing. AEJ - Alexandria Engineering Journal, 2020, 59, 1259-1264.	6.4	7
96	Entanglement and photon statistics of two dipoleâ€“dipole coupled superconducting qubits with Kerr-like nonlinearities. Results in Physics, 2020, 16, 102978.	4.1	12
97	Two-level atom and quantum system entanglement and squeezing with and without classical field and damping effects. Journal of Intelligent and Fuzzy Systems, 2020, 38, 2817-2822.	1.4	2
98	Entangled Pair of the su(1) Quantum Systems Interacting with Two Two-Level Atoms. Journal of Russian Laser Research, 2020, 41, 30-39.	0.6	2
99	Emission Spectrum and Nonclassical Properties of an Atomâ€“Field System Under an Intensity-Dependent Field. Journal of Russian Laser Research, 2020, 41, 23-29.	0.6	2
100	Emission spectrum and geometric phase in deformed Jaynes-Cummings model. Results in Physics, 2020, 16, 102924.	4.1	9
101	Entanglement and geometric phase of the coherent field interacting with a three two-level atoms in the presence of non-linear terms. Thermal Science, 2020, 24, 39-48.	1.1	0
102	Influence of classical field on entanglement and photon statistics of n-level atom interacting with a two two-level atom. Thermal Science, 2020, 24, 177-186.	1.1	0
103	Magnetic field on surface waves propagation in gravitational thermoelastic media with two temperature and initial stress in the context of three theories. Thermal Science, 2020, 24, 285-299.	1.1	0
104	Interaction between two two-level atoms coupled to N-level quantum system. Optical and Quantum Electronics, 2019, 51, 1.	3.3	4
105	Optical tomography for excited coherent states associated to deformed oscillators. Results in Physics, 2019, 14, 102352.	4.1	3
106	Quantum Fisher Information and Tomographic Entropy of a Single Qubit in Excited Binomial and Negative Binomial Distributions. Journal of Russian Laser Research, 2019, 40, 313-320.	0.6	6
107	Entanglement and physical attributes of the interaction between two SC-qubits and thermal field in the presence of a magnetic field. Microelectronics Journal, 2019, 86, 15-21.	2.0	10
108	Physical and nonclassical properties of the interaction between a four-level atom and field in coherent state of Morse potential. Optical and Quantum Electronics, 2019, 51, 1.	3.3	14

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109	Effects of Kerr Medium and Stark Shift Parameter on Wehrl Entropy and the Field Purity for Two-Photon Jaynesâ€“Cummings Model Under Dispersive Approximation. Journal of Russian Laser Research, 2019, 40, 20-29.	0.6	23
110	Quantum correlation and non-classical properties in semiconductor microcavities for multi-photon excitation. International Journal of Quantum Information, 2019, 17, 1950047.	1.1	0
111	Entanglement, nonclassical properties, and geometric phase in circuit quantum electrodynamics with relativistic motion. Solid State Communications, 2019, 290, 31-36.	1.9	5
112	Nonclassical properties and field entropy squeezing of the dissipative two-photon JCM under Kerr like medium based on dispersive approximation. Optics and Laser Technology, 2019, 111, 523-529.	4.6	6
113	Quantum quantifiers of Raman photon pairs with relativistic motion. Optical and Quantum Electronics, 2018, 50, 1.	3.3	1
114	Interaction of a Three-Level Atom and Field in a Squeezed Vacuum State with Added Photons: Quantum Phase and Nonclassical Properties. Journal of Russian Laser Research, 2018, 39, 12-19.	0.6	1
115	Quantum transfer energy in the framework of time-dependent dipole-dipole interaction. Results in Physics, 2018, 8, 89-92.	4.1	0
116	Dynamical Properties of Some Statistical Quantities for a Quantum System in Generalized Negative Binomial States. Journal of Russian Laser Research, 2018, 39, 105-112.	0.6	3
117	Entanglement of a nonlinear two two-level atoms interacting with deformed fields in Kerr medium. Pramana - Journal of Physics, 2018, 90, 1.	1.8	15
118	Geometric Phase and Entanglement of a Three-Level Atom With and Without Rotating Wave Approximation. Brazilian Journal of Physics, 2018, 48, 9-15.	1.4	16
119	Atomic Phase Space Entropy, Squeezing and Purification Properties of a Two Coupled Superconducting Qubits in Solid State Systems. Journal of Computational and Theoretical Nanoscience, 2018, 15, 373-379.	0.4	0
120	Entanglement of an su(1, 1) Quantum System Interacting with a Single Two-Level Atom in the Presence of Damping Terms. Journal of Russian Laser Research, 2018, 39, 505-513.	0.6	7
121	Fisher Information and Statistical Properties of Two Qubits in Two Modes of the Gaussian Distribution. Journal of Russian Laser Research, 2018, 39, 216-221.	0.6	3
122	Entanglement and Pancharatnam Phase of a Four-Level Atom in Coherent States Within Generalized Heisenberg Algebra. Journal of Russian Laser Research, 2017, 38, 134-140.	0.6	7
123	Quantum Phase and Nonlocal Correlations for a Three-Level System Interacting with Laser Light in a Nonlinear Kerr Medium Under Decoherence. Journal of Russian Laser Research, 2017, 38, 124-133.	0.6	2
124	Fisher information and quantum state estimation of two-coupled atoms in presence of two external magnetic fields. Results in Physics, 2017, 7, 4318-4323.	4.1	18
125	Effect of Time Dependent Coupling on the Dynamical Properties of the Nonlocal Correlation Between Two Three-Level Atoms. International Journal of Theoretical Physics, 2017, 56, 2898-2910.	1.2	16
126	A two-dimensional image segmentation method based on genetic algorithm and entropy. Optik, 2017, 131, 414-422.	2.9	67

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127	Physical Properties, Field Purity, and Quantum Phase for a Two-Level Atom in Photon-Added Coherent States for the Morse Potential. Journal of Russian Laser Research, 2017, 38, 437-445.	0.6	7
128	Pancharatnam Phase and Field Purity of a Three-Level Atom in Nonlinear Kerr Medium Field Based on Generalized Heisenberg Algebra. Journal of Computational and Theoretical Nanoscience, 2017, 14, 965-971.	0.4	1
129	Some Features of Quantum Fisher Information and Entanglement of Two Atoms Based on Atomic State Estimation. Applied Mathematics and Information Sciences, 2017, 11, 677-681.	0.5	1
130	Wehrl Entropy, Entropy Squeezing and Nonlocal Correlation of Moving Atoms in Squeezed Coherent Field. Applied Mathematics and Information Sciences, 2017, 11, 1455-1461.	0.5	7
131	Geometric Phase and Entanglement of SC-Qubit Deformed Bosonic Field. Journal of Computational and Theoretical Nanoscience, 2017, 14, 918-924.	0.4	0
132	Numerical Investigation of Phase Space Entropy for a Quantum System in Kerr Medium Under Cavity Damping Effects. Journal of Computational and Theoretical Nanoscience, 2017, 14, 3953-3957.	0.4	0
133	Realistic Quantum Control of Energy Transfer in Photosynthetic Processes. Energies, 2016, 9, 1063.	3.1	3
134	Measures of nonclassicality for a two-level atom interacting with power-law potential field under decoherence effect. Laser Physics, 2016, 26, 095201.	1.2	9
135	New Approach to Image Edge Detection Based on Quantum Entropy. Journal of Russian Laser Research, 2016, 37, 141-154.	0.6	11
136	Quantum correlations between each two-level system in a pair of atoms and general coherent fields. Results in Physics, 2016, 6, 780-788.	4.1	12
137	Quantum Phase and Field Purification for Quantum System in Coherent States Based on Generalized Heisenberg Algebra. Journal of Russian Laser Research, 2016, 37, 345-352.	0.6	2
138	Numerical Study of Some Statistical Quantities for Quantum Systems Under Damping Effects. Journal of Russian Laser Research, 2016, 37, 219-226.	0.6	0
139	Nonclassical properties and purity of a qubit system in photon-added squeezed thermal states with time-dependent coupling effect. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 84, 361-366.	2.7	5
140	Entanglement for a Two-Level Atomic System Interacting with Two-Mode Spin States. Journal of Russian Laser Research, 2016, 37, 337-344.	0.6	1
141	New features of the stationary and moving atomâ€“atom entanglement. Optik, 2016, 127, 9020-9025.	2.9	9
142	Entanglement, nonclassical properties and geometric phase of Raman photon pairs in the presence of time-dependent coupling. Results in Physics, 2016, 6, 407-413.	4.1	2
143	Sudden Death, Sudden Birth, and Nonclassical Effects of Photon-Added Power-Law Potential Within the Framework of Subsystem-Environment Correlations. Journal of Russian Laser Research, 2016, 37, 45-61.	0.6	8
144	Information dynamics for a non-degenerate two-photon JC model in phase damping cavity. Optik, 2016, 127, 3266-3270.	2.9	4

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145	Entanglement and Statistical Properties of a System Consisting of Three-Level Atom Interacting with a Nonlinear Kerr Medium Field. Acta Physica Polonica A, 2016, 129, 1083-1088.	0.5	1
146	Some Statistical Quantities of a Quantum System in Hypergeometric and Negative Hypergeometric Distributions. Applied Mathematics and Information Sciences, 2016, 10, 657-662.	0.5	2
147	New Perspectives on Nonlinear Multi-Atoms Interacting with a Cavity Field. Applied Mathematics and Information Sciences, 2016, 10, 421-429.	0.5	0
148	Geometric phase and entanglement of Raman photon pairs in the presence of photonic band gap. Journal of Applied Physics, 2015, 117, .	2.5	7
149	Entanglement for Moving Three-Level Atom Under Decoherence Effect. Journal of Computational and Theoretical Nanoscience, 2015, 12, 3970-3976.	0.4	1
150	Interplay of Fisher information flow and nonlocal correlation based on quantum state estimation. Optical and Quantum Electronics, 2015, 47, 2231-2240.	3.3	1
151	Dynamical properties of moving atomâ€“atom entanglement and entanglement between two atoms with optical field. Pramana - Journal of Physics, 2015, 85, 1089-1099.	1.8	6
152	Effects of detuning and atomic motion parameter on the dynamical behavior of the entanglement between two-level atom and SU(1,1) quantum system. Optical Review, 2015, 22, 25-32.	2.0	2
153	Effect of the time-dependent coupling on a superconducting qubit-field system under decoherence: Entanglement and Wehrl entropy. Annals of Physics, 2015, 361, 247-258.	2.8	20
154	Quantum Entanglement and Geometric Phase of Two Moving Two-Level Atoms. Open Systems and Information Dynamics, 2015, 22, 1550015.	1.2	33
155	Total Phase and Light Squeezing for a Two-Level System in a New Nonlinear Coherent State. Journal of Russian Laser Research, 2015, 36, 320-328.	0.6	0
156	Entropy squeezing for qubitâ€“field system in the presence multi-photon process under decoherence effect. Optical and Quantum Electronics, 2015, 47, 267-278.	3.3	2
157	Generalized Heisenberg Algebra Coherent States for Nonharmonic Oscillators. International Journal of Theoretical Physics, 2015, 54, 1470-1480.	1.2	3
158	Quantum Entanglement and Information Quantifier for Correlated and Uncorrelated Two-Mode Field State. Applied Mathematics and Information Sciences, 2015, 9, 345-351.	0.5	7
159	Dynamics and Properties of Fixed Point for Quantum Search Algorithm Based on Phase Shift. Journal of Computational and Theoretical Nanoscience, 2015, 12, 4661-4666.	0.4	0
160	Fisher Information Flow and Bifurcation Properties of Wehrl Entropy of a Single Qubit System Under the Damping Effect. Journal of Russian Laser Research, 2014, 35, 590-601.	0.6	0
161	Entropy squeezing for qubit â€“ field system under decoherence effect. Quantum Electronics, 2014, 44, 274-278.	1.0	2
162	Atomic Phase Space Entropy and Entanglement Quantifier Between a Two-Level Atom and Squeezed Field in the Presence of Decoherence. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1499-1504.	0.4	3

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163	New aspects of the interaction between two atoms and nonlinear optical fields. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 57, 35-41.	2.7	4
164	Quantum Fisher information flow and entanglement in pair coherent states. Optical and Quantum Electronics, 2014, 46, 1055-1064.	3.3	33
165	Nonlocal Correlations of Moving Three-level Atoms in Photon-added Squeezed Thermal States. Journal of Russian Laser Research, 2014, 35, 193-199.	0.6	1
166	Fisher information due to a phase noisy laser under non-Markovian environment. Annals of Physics, 2014, 351, 952-959.	2.8	28
167	Engineering geometric phase in semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 64, 112-116.	2.7	6
168	The geometric phase of a two-level atom in a narrow-bandwidth squeezed vacuum. Optik, 2014, 125, 6335-6339.	2.9	1
169	Dynamic of Scaled Atomic Phase Entropy of a Single Two-Level Atom Interaction with SU(1,1) Quantum System. Applied Mathematics and Information Sciences, 2014, 8, 1093-1098.	0.5	2
170	Quantum Information Features Attendant to Atomic Spontaneous Decay. Applied Mathematics and Information Sciences, 2014, 8, 1167-1172.	0.5	1
171	Generalized <i>Î±</i>-Entropy Based Medical Image Segmentation. Journal of Software Engineering and Applications, 2014, 07, 62-67.	1.1	7
172	Entropy and Entanglement of Moving Two Atoms in a Squeezed Field via Four-Photon Process. Natural Science, 2014, 06, 487-494.	0.4	1
173	Investigations of information quantifiers for the Tavisâ€“Cummings model. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 6624-6632.	2.6	12
174	Quantum Fisher information for moving three-level atom. Quantum Information Processing, 2013, 12, 3761-3769.	2.2	39
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