

# Zhao-Xian Yu

## List of Publications by Year in descending order

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44  
papers

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citations

2682572

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h-index

2053705

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g-index

44  
all docs

44  
docs citations

44  
times ranked

28  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matter-wave solitons in a spin-1 Bose-Einstein condensate with time-modulated external potential and scattering lengths. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	14
2	Design of Household Appliance Control System Based on Zigbee. , 2012, , .		5
3	Geometric Phase of Quantum Dots in the Time-Dependent Isotropic Magnetic Field. <i>International Journal of Theoretical Physics</i> , 2010, 49, 652-656.	1.2	4
4	Dynamical and Geometric Phases of Exciton Emission in a Semiconductor Microcavity. <i>International Journal of Theoretical Physics</i> , 2008, 47, 1625-1629.	1.2	2
5	Geometric Phase in a Two Energy Level $k$ -Photon Jaynes-Cummings Model with Imaginary Photon Process. <i>International Journal of Theoretical Physics</i> , 2009, 48, 1098-1103.	1.2	2
6	Geometric Phase in a Generalized Time-Dependent Jaynes-Cummings Model. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2237-2242.	1.2	1
7	Geometric Phase in a Two Energy Level Jaynes-Cummings Model with Imaginary Photon Process. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2279-2284.	1.2	1
8	Imaginary Photon Field Effect in the Interaction System of Multi-atom with Single-mode Photon Field. <i>International Journal of Theoretical Physics</i> , 2010, 49, 218-223.	1.2	1
9	Geometric Phase in a Generalized Jaynes-Cummings Model with Double Mode Operators and Phase Operators. <i>International Journal of Theoretical Physics</i> , 2010, 49, 506-511.	1.2	1
10	GEOMETRIC PHASE IN THE CONDENSED VAPOR OF $Rb$ UNDER PRESSURE AND EXTERNAL MAGNETIC FIELD. <i>Modern Physics Letters B</i> , 2010, 24, 1869-1875.	1.9	1
11	Berry phase in a quantum system with time-dependent boundary conditions. <i>Modern Physics Letters B</i> , 2014, 28, 1450122.	1.9	1
12	Phase of Bose-Einstein Condensate Interacting with a Time-Dependent Laser Field. <i>International Journal of Theoretical Physics</i> , 2007, 46, 1182-1189.	1.2	0
13	Phase of a Bose-Einstein Condensate in a Double-Well Potential Modulated Periodically in Time. <i>International Journal of Theoretical Physics</i> , 2007, 46, 1771-1778.	1.2	0
14	Quantum Tunneling of Spinor Bose-Einstein Condensates in an Optical Lattice. <i>International Journal of Theoretical Physics</i> , 2007, 46, 2863-2867.	1.2	0
15	Tunneling of a Dipolar Bose-Einstein Condensate in an Optical Lattice. <i>International Journal of Theoretical Physics</i> , 2007, 46, 2910-2914.	1.2	0
16	Phase of Two-Body Bose-Einstein Condensates with Collision. <i>International Journal of Theoretical Physics</i> , 2008, 47, 949-954.	1.2	0
17	Phase of a Weakly Interacting Bose System with a Time Spontaneous $U(1)$ Symmetry Breaking. <i>International Journal of Theoretical Physics</i> , 2008, 47, 955-960.	1.2	0
18	Quantum Tunneling in an Order-Parameter-Preserving Antiferromagnet. <i>International Journal of Theoretical Physics</i> , 2008, 47, 1092-1094.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Dynamical and Geometric Phases of Bose-Einstein Condensates. International Journal of Theoretical Physics, 2008, 47, 1206-1210.	1.2	0
20	Geometric Phase in a Time-Dependent $k$ -Photon $\hat{b}$ -Type Jaynes-Cummings Model. International Journal of Theoretical Physics, 2008, 47, 2690-2696.	1.2	0
21	Quantum Effect of the Exciton Intensity in Semiconductor Microcavity. International Journal of Theoretical Physics, 2008, 47, 2697-2705.	1.2	0
22	GEOMETRIC PHASE IN A GENERALIZED TIME-DEPENDENT GIANT SPIN MODEL. Modern Physics Letters B, 2009, 23, 2847-2852.	1.9	0
23	Geometric Phase in a $\hat{b}$ -type $k$ -photon Jaynes-Cummings Model with Imaginary Photon Process. International Journal of Theoretical Physics, 2009, 48, 1341-1347.	1.2	0
24	Geometric Phase in a Time-Dependent System with Higgs Algebra Structure. International Journal of Theoretical Physics, 2009, 48, 2916-2919.	1.2	0
25	Geometric Phase in the Breit-Rabi System. International Journal of Theoretical Physics, 2009, 48, 2944-2949.	1.2	0
26	Geometric Phase in a Generalized Time-Dependent Double-Boson Interaction Model. International Journal of Theoretical Physics, 2009, 48, 2956-2960.	1.2	0
27	Geometric Phase in a Time-Dependent System with $\hat{a}, \hat{c}$ ( $\hat{I}$ ) Algebra Structure. International Journal of Theoretical Physics, 2009, 48, 3416-3420.	1.2	0
28	Geometric Phase in a Generalized Time-Dependent Karassiov-Klimov Model. International Journal of Theoretical Physics, 2009, 48, 1877-1881.	1.2	0
29	Geometric Phase in a Time-Dependent Bose-Fermi System. International Journal of Theoretical Physics, 2010, 49, 526-530.	1.2	0
30	Geometric Phase in a Time-Dependent System with Laguerre Polynomial State. International Journal of Theoretical Physics, 2010, 49, 531-535.	1.2	0
31	Geometric Phase in the Interaction System of Two-Energy Atom with Double-Mode Radiation Field. International Journal of Theoretical Physics, 2010, 49, 536-541.	1.2	0
32	Geometric Phase of Anisotropic Quantum Dots in the Presence of Time-Dependent Magnetic Field. International Journal of Theoretical Physics, 2010, 49, 786-790.	1.2	0
33	Geometric Phase in the Interaction System of Multi-atom in Micro-cavity with Single-mode Photon Field. International Journal of Theoretical Physics, 2010, 49, 1082-1087.	1.2	0
34	Geometric Phase in the Interaction System of Three-Energy Atom with Double-Mode Radiation Field. International Journal of Theoretical Physics, 2010, 49, 1181-1186.	1.2	0
35	Geometric Phase in a Time-Dependent $k$ -Boson and Fermi System. International Journal of Theoretical Physics, 2010, 49, 1439-1445.	1.2	0
36	Geometric Phase in the Interaction of a Time-Dependent Light Field with $\hat{a}, \hat{c}$ (3) System. International Journal of Theoretical Physics, 2010, 49, 1452-1456.	1.2	0

#	ARTICLE	IF	CITATIONS
37	Density Operator of Quantum Interference of Many Atoms in Spinor Bose-Einstein Condensates. International Journal of Theoretical Physics, 2010, 49, 2158-2163.	1.2	0
38	Geometric Phase in the Interaction Between Three-energy Level Atom with New-type Radiation Field. International Journal of Theoretical Physics, 2010, 49, 2306-2311.	1.2	0
39	Geometric Phase in a Cavity QED with Cold Atoms Trapped in a Double-Well Potential. International Journal of Theoretical Physics, 2011, 50, 1549-1553.	1.2	0
40	Geometric Phase in a Time-Dependent Coupled Atom-Heteronuclear-Molecule Condensate. International Journal of Theoretical Physics, 2011, 50, 1719-1725.	1.2	0
41	Design of household appliance control system based on Zigbee. , 2012, , .		0
42	Vector Coherent States of $Sp(2n, R)$ Lie algebra for XYZ Antiferromagnetic Heisenberg Model. International Journal of Theoretical Physics, 2013, 52, 1033-1042.	1.2	0
43	Quantum Hall Effect and Geometric Phase Factor in Strong Magnetic Fields. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0
44	Aharonov-Bohm Effect of Induced Gauge Fields and Geometric Phase Factors in Suter Experiment. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0