Yuan You

List of Publications by Year
in descending order

		1163117	839539
25 papers	321 citations	8 h-index	18 g-index
25 all docs	25 docs citations	25 times ranked	364 citing authors

#	Article	IF	Citations
1	The visualization of the angular probability distribution for the angular Teukolsky equation with m â‰¥â‰¥0. International Journal of Quantum Chemistry, 2021, 121, e26546.	2.0	4
2	Exact solutions of the angular Teukolsky equation for particular cases. Results in Physics, 2021, 24, 104115.	4.1	7
3	Study of spinâ€orbit interaction for the Makarov potential. International Journal of Quantum Chemistry, 2018, 118, e25774.	2.0	1
4	The Visualization of the Space Probability Distribution for a Particle Moving in a Double Ring-Shaped Coulomb Potential. Advances in High Energy Physics, 2018, 2018, 1-20.	1.1	3
5	Evaluation of more general integrals involving universal associated Legendre polynomials. Journal of Mathematical Physics, 2017, 58, 052105.	1.1	2
6	Electronic and magnetic control in fully-hydrogenated boron nitride. Journal of Theoretical and Computational Chemistry, 2017, 16, 1750033.	1.8	3
7	In situ atomic-scale observation of oxygen-driven core-shell formation in Pt3Co nanoparticles. Nature Communications, 2017, 8, 204.	12.8	102
8	The Visualization of the Space Probability Distribution for a Moving Particle: In a Single Ring-Shaped Coulomb Potential. Advances in High Energy Physics, 2017, 2017, 1-19.	1.1	3
9	Spinâ€"orbit interaction for the double ring-shaped oscillator. Annals of Physics, 2016, 371, 183-198.	2.8	21
10	Universal Associated Legendre Polynomials and Some Useful Definite Integrals. Communications in Theoretical Physics, 2016, 66, 158-162.	2.5	6
11	On Integrals Involving Universal Associated Legendre Polynomials and Powers of the Factor (1) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.5	3
12	Parity inversion property of the double ring-shaped oscillator in cylindrical coordinates. Modern Physics Letters A, 2015, 30, 1550200.	1.2	6
13	Exact solutions to a class of differential equation and some new mathematical properties for the universal associated-Legendre polynomials. Applied Mathematics Letters, 2015, 40, 90-96.	2.7	19
14	Improved Analytical Approximations to the Scattering Solutions of the SchrÃ¶dinger Equation with a Hyperbolical Potential. Communications in Theoretical Physics, 2014, 62, 315-319.	2.5	6
15	The Origin and Mathematical Characteristics of the Super-Universal Associated-Legendre Polynomials. Communications in Theoretical Physics, 2014, 62, 331-337.	2.5	8
16	The quantum characteristics of a class of complicated double ring-shaped non-central potential. Physica Scripta, 2014, 89, 045002.	2.5	12
17	Solutions of the Second PÃ¶schlâ€"Teller Potential Solved by an Improved Scheme to the Centrifugal Term. Few-Body Systems, 2013, 54, 2125-2132.	1.5	14
18	The positionâ€"momentum uncertainty relations for a PÃ¶schlâ€"Teller type potential and its squeezed phenomena. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1070-1075.	2.1	20

#	Article	IF	Citations
19	Exact solutions of the Schrödinger equation with double ring-shaped oscillator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1521-1525.	2.1	40
20	Scattering states of modified Pöschl-Teller potential in *D*-dimension. Chinese Physics B, 2012, 21, 030302.	1.4	26
21	Lateral shifting in one dimensional chiral photonic crystal. Physica B: Condensed Matter, 2012, 407, 2504-2507.	2.7	3
22	Polarization-sensitive tunable filter in a one-dimensional photonic crystal consisting of anisotropic metamaterials with arbitrary optical axis. Physica B: Condensed Matter, 2010, 405, 1842-1845.	2.7	7
23	NEGATIVE REFRACTION IN A ONE-DIMENSIONAL BIAXIALLY ANISOTROPIC CHIRAL PHOTONIC CRYSTAL. Modern Physics Letters B, 2010, 24, 1079-1090.	1.9	2
24	Radiation from a current sheet at the interface between a conventional medium and anisotropic negative refractive medium. Bulletin of Materials Science, 2009, 32, 437-441.	1.7	3
25	Lossy effects on the lateral shifts in negative-phase-velocity medium. Physica B: Condensed Matter, 2009, 404, 243-247.	2.7	0