

Fabiano M Andrade

List of Publications by Year in descending order

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43
all docs

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docs citations

43
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294
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of photon creation through the pseudo-Hermitian Dynamical Casimir Effect. Physica A: Statistical Mechanics and Its Applications, 2022, 593, 126945.	2.6	5
2	Effects of quantum deformation on the Jaynes-Cummings and anti-Jaynes-Cummings models. Physical Review A, 2022, 105, .	2.5	3
3	Average scattering entropy for periodic, aperiodic and random distribution of vertices in simple quantum graphs. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 141, 115217.	2.7	0
4	Average scattering entropy of quantum graphs. Physical Review A, 2021, 103, .	2.5	2
5	Study of electronic properties, magnetization and persistent currents in a mesoscopic ring by controlled curvature. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 132, 114760.	2.7	6
6	Simple quantum graphs proposal for quantum devices. European Physical Journal Plus, 2020, 135, 1.	2.6	8
7	On the 2D Dirac oscillator in the presence of vector and scalar potentials in the cosmic string spacetime in the context of spin and pseudospin symmetries. European Physical Journal C, 2019, 79, 1.	3.9	27
8	Modifications of Electron States, Magnetization, and Persistent Current in a Quantum Dot by Controlled Curvature. Annalen Der Physik, 2019, 531, 1900254.	2.4	8
9	Basin entropy behavior in a cyclic model of the rock-paper-scissors type. Europhysics Letters, 2019, 125, 58003.	2.0	11
10	Self-Adjoint Extension Approach for Singular Hamiltonians in $(2 + 1)$ Dimensions. Frontiers in Physics, 2019, 7, .	2.1	5
11	Quantum motion of a spinless particle in curved space: A viewpoint of scattering theory. Europhysics Letters, 2019, 128, 10002.	2.0	1
12	Narrow peaks of full transmission in simple quantum graphs. Physical Review A, 2019, 100, .	2.5	10
13	The DKP oscillator with a linear interaction in the cosmic string space-time. European Physical Journal C, 2018, 78, 1.	3.9	41
14	Unitary equivalence between the Green's function and Schrödinger approaches for quantum graphs. Physical Review A, 2018, 98, .	2.5	9
15	POLES OF S-MATRIX: 1D WELL/BARRIER POTENTIAL. , 2018, , .		0
16	MAPEAMENTO EXATO ENTRE O OSCILADOR DE DIRAC E O SISTEMA DE JAYNES-CUMMINGS EM $(2+1)$. , 2018, , .		0
17	CONSTRUÇÃO DA FUNÇÃO DE GREEN PARA O PÓLO DE POTENCIAL QUADRADO. , 2018, , .		0
18	Scattering and bound states for the Hulthén potential in a cosmic string background. European Physical Journal C, 2017, 77, 1.	3.9	33

#	ARTICLE	IF	CITATIONS
19	Scattering and Bound States of a Spin-1/2 Neutral Particle in the Cosmic String Spacetime. <i>Advances in High Energy Physics</i> , 2017, 2017, 1-7.	1.1	7
20	Effects of quantum deformation on the integer quantum Hall effect. <i>Europhysics Letters</i> , 2016, 116, 31002.	2.0	12
21	Quantum state transfer in optomechanical arrays. <i>Physical Review A</i> , 2016, 93, .	2.5	39
22	Green's function approach for quantum graphs: An overview. <i>Physics Reports</i> , 2016, 647, 1-46.	25.6	20
23	Quantum motion of a point particle in the presence of the Aharonov-Bohm potential in curved space. <i>Annals of Physics</i> , 2015, 362, 739-751.	2.8	29
24	Effects of spin on the dynamics of the 2D Dirac oscillator in the magnetic cosmic string background. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	53
25	The Exact Solution for the Dirac Equation with the Cornell Potential. <i>Few-Body Systems</i> , 2014, 55, 1055-1056.	1.5	7
26	Exact Green's function for rectangular potentials and its application to quasi-bound states. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 1461-1468.	2.1	14
27	Remarks on the Dirac oscillator in $(2 + 1)$ dimensions. <i>Europhysics Letters</i> , 2014, 108, 30003.	2.0	20
28	The 2D \hat{p} -Dirac oscillator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 738, 44-47.	4.1	20
29	On the \hat{p} -Dirac oscillator revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 731, 327-330.	4.1	37
30	On Aharonov-Casher bound states. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	26
31	Effects of quantum deformation on the spin-1/2 Aharonov-Bohm problem. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 467-471.	4.1	48
32	On the spin- 1/2 Aharonov-Bohm problem in conical space: Bound states, scattering and helicity nonconservation. <i>Annals of Physics</i> , 2013, 339, 510-530.	2.8	31
33	Unveiling and exemplifying the unitary equivalence of discrete time quantum walk models. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 165302.	2.1	9
34	On Aharonov-Casher scattering in a CPT-odd Lorentz-violating background. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 075007.	3.6	17
35	Remarks on the Aharonov-Casher dynamics in a CPT-odd Lorentz-violating background. <i>Europhysics Letters</i> , 2013, 101, 51005.	2.0	36
36	Superdiffusivity of quantum walks: A Feynman sum-over-paths description. <i>Physical Review A</i> , 2012, 86, .	2.5	4

#	ARTICLE	IF	CITATIONS
37	Nonrelativistic quantum dynamics on a cone with and without a constraining potential. Journal of Mathematical Physics, 2012, 53, .	1.1	39
38	Physical regularization for the spin- 1 Aharonov-Bohm problem in conical space. Physical Review D, 2012, 85, .	1.7	60
39	Green-function approach for scattering quantum walks. Physical Review A, 2011, 84, .	2.5	8
40	Equivalence between discrete quantum walk models in arbitrary topologies. Physical Review A, 2009, 80, .	2.5	23
41	2-Mercaptobenzoxazole pentacyanoferrate(II/III) complexes: UV-Visible, Mössbauer, electron paramagnetic resonance, electrochemistry and molecular modeling. Journal of the Brazilian Chemical Society, 2004, 15, 10-15.	0.6	4
42	A generalized semiclassical expression for the eigenvalues of multiple well potentials. Journal of Physics A, 2003, 36, 227-239.	1.6	13