Gonzalo Ordonez

List of Publications by Year
in descending order

		933447	839539
26 papers	310 citations	10 h-index	18 g-index
27 all docs	27 docs citations	27 times ranked	263 citing authors

#	Article	IF	Citations
1	Bound states in the continuum in quantum-dot pairs. Physical Review A, 2006, 73, .	2.5	69
2	Time-reversal symmetric resolution of unity without background integrals in open quantum systems. Journal of Mathematical Physics, 2014, 55, 122106.	1.1	31
3	Resonant Spectrum Analysis of the Conductance of an Open Quantum System and Three Types of Fano Parameter. Journal of the Physical Society of Japan, 2011, 80, 104707.	1.6	29
4	Non-Markovian dynamics revealed at a bound state in the continuum. Physical Review A, 2019, 99, .	2.5	26
5	Complex collective states in a one-dimensional two-atom system. Physical Review A, 2004, 70, .	2.5	22
6	Characteristic dynamics near two coalescing eigenvalues incorporating continuum threshold effects. Journal of Mathematical Physics, 2017, 58, .	1.1	20
7	Optically tunable bound states in the continuum. Physical Review A, 2014, 90, .	2.5	19
8	The arrow of time in open quantum systems and dynamical breaking of the resonance–anti-resonance symmetry. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 405304.	2.1	16
9	Existence and nonexistence of an intrinsic tunneling time. Physical Review A, 2009, 79, .	2.5	11
10	Star-unitary transformations: From dynamics to irreversibility and stochastic behavior. Physical Review E, 2003, 67, 056117.	2.1	10
11	Anomalous-order exceptional point and non-Markovian Purcell effect at threshold in one-dimensional continuum systems. Physical Review Research, 2021, 3, .	3.6	8
12	Resonant-state Expansion of the Green's Function of Open Quantum Systems. International Journal of Theoretical Physics, 2011, 50, 1105-1115.	1.2	7
13	Using symmetries of the Frobenius-Perron operator to determine spectral decompositions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 211, 204-210.	2.1	6
14	Universal electric current of interacting resonant-level models with asymmetric interactions: An extension of the Landauer formula. Physical Review B, 2015, 91, .	3.2	6
15	Time-Reversal Symmetry and Arrow of Time in Quantum Mechanics of Open Systems. Entropy, 2019, 21, 380.	2.2	6
16	Irreversibility and the breaking of resonance-antiresonance symmetry. Chaos, 2017, 27, 104608.	2.5	5
17	Coherent single-spin electron resonance spectroscopy manifested at an exceptional-point singularity in doped polyacetylene. Physical Review A, 2021, 103, .	2.5	5
18	Characteristic influence of exceptional points in quantum dynamics. Journal of Physics: Conference Series, 2021, 2038, 012011.	0.4	4

#	Article	IF	Citations
19	Spectral decomposition of tent maps using symmetry considerations. Journal of Statistical Physics, 1996, 84, 269-276.	1.2	3
20	Impurity-directed transport within a finite disordered lattice. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 96, 62-72.	2.7	3
21	Polynomial Shift States of a Chaotic Map. Journal of Statistical Physics, 1997, 89, 1087-1096.	1.2	2
22	Complex Spectral Representation of a Many-Body System in One Dimension. Progress of Theoretical Physics Supplement, 2010, 184, 466-475.	0.1	2
23	Dressed-particle formulation of Brownian motion. International Journal of Quantum Chemistry, 2004, 98, 87-102.	2.0	0
24	Dressed particles from the star-unitary transformation: Markovian dynamics. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1346-1370.	2.6	0
25	Computation of Lipid Headgroup Interactions. Biophysical Journal, 2010, 98, 281a.	0.5	0
26	The Role of Chaos and Resonances in Brownian Motion. , 2006, , 179-206.		0