

Evidence for wavelike energy transfer through quantum systems

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Citation Report

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1933	Revealing many-body effects on interband coherence through adiabatic charge pumping. <i>Physical Review B</i> , 2019, 100, .	1.1	1
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1937	Pathways to cellular supremacy in biocomputing. <i>Nature Communications</i> , 2019, 10, 5250.	5.8	88
1938	Non-Markovian Evolution of Multi-level System Interacting with Several Reservoirs. Exact and Approximate. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 1587-1605.	0.1	11
1939	Excited-state electronic coherence in vinyl bromide ions. <i>Physical Review A</i> , 2019, 100, .	1.0	5
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1941	Short-time behavior of continuous-time quantum walks on graphs. <i>Physical Review A</i> , 2019, 100, .	1.0	3
1942	Predicting quantum advantage by quantum walk with convolutional neural networks. <i>New Journal of Physics</i> , 2019, 21, 125002.	1.2	32
1943	Vibronic coherence evolution in multidimensional ultrafast photochemical processes. <i>Nature Communications</i> , 2019, 10, 5621.	5.8	38
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1947	Quantum Medicine With Ultraviolet Aluminum Nanolasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-6.	1.9	3
1948	Characterization of the coherent dynamics of bacteriochlorophyll a in solution. <i>Chemical Physics</i> , 2019, 519, 85-91.	0.9	17
1949	Two-dimensional spectroscopy for non-specialists. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2019, 1860, 271-285.	0.5	53

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1961	Coherence and non-classicality of quantum Markov processes. <i>Quantum Science and Technology</i> , 2019, 4, 01LT01.	2.6	39
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1963	New insights into the physical processes that underpin cell division and the emergence of different cellular and multicellular structures. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 150, 13-42.	1.4	4
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1967	Limits of exciton delocalization in molecular aggregates. <i>Faraday Discussions</i> , 2019, 221, 265-280.	1.6	29

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1981	Coherent and incoherent theories for photosynthetic energy transfer. <i>Science Bulletin</i> , 2020, 65, 318-328.	4.3	26
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1984	Exciton Delocalization in Indolenine Squaraine Aggregates Templated by DNA Holliday Junction Scaffolds. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9636-9647.	1.2	43
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1997	Non-equilibrium thermodynamic properties and internal dynamics of 32-residue beta amyloid fibrils. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 557, 124873.	1.2	2
1998	Comparative study on model parameter evaluations for the energy transfer dynamics in Fenna-Matthews-Olson complex. <i>Chemical Physics</i> , 2020, 539, 110903.	0.9	8
1999	Restrain the losses of the entanglement and the non-local advantage of quantum coherence for accelerated quantum systems. <i>Optik</i> , 2020, 220, 165190.	1.4	4
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2038	Simple quantum graphs proposal for quantum devices. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	8
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