

Vasyl Ignatyuk

List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Bath dynamics in an exactly solvable qubit model with initial qubit-environment correlations. Condensed Matter Physics, 2013, 16, 34001.	0.7	10
2	Enhancement of coherence in qubits due to interaction with the environment. Physical Review A, 2015, 91, .	2.5	10
3	Time correlation functions and generalized transport coefficients of semiquantum helium. Low Temperature Physics, 1999, 25, 857-863.	0.6	4
4	On the theory of dynamic properties of semiquantum helium. Low Temperature Physics, 1999, 25, 295-302.	0.6	4
5	A temperature behavior of the frustrated translational mode of adsorbate and the nature of the "adsorbate"substrate"interaction. Journal of Chemical Physics, 2012, 136, 184104.	3.0	4
6	Peculiarities of qubit initial-state preparation by nonselective measurements on an overcomplete basis. Physical Review A, 2015, 92, .	2.5	4
7	Energy Conservation and the Correlation Quasi-Temperature in Open Quantum Dynamics. Particles, 2018, 1, 285-295.	1.7	4
8	Kinetic equation approach to the description of quantum surface diffusion: Non-Markovian effects versus jump dynamics. Physical Review E, 2009, 80, 041133.	2.1	3
9	Coherence, decoherence, and memory effects in the problems of quantum surface diffusion. Physical Review E, 2011, 84, 021111.	2.1	3
10	A simple closure procedure for the study of velocity autocorrelation functions in fluids as a "bridge"between different theoretical approaches. Journal of Chemical Physics, 2018, 149, 054101.	3.0	2
11	Decoherence in open quantum systems: influence of the intrinsic bath dynamics. Condensed Matter Physics, 2022, 25, 13302.	0.7	2
12	Dynamic Correlations in Open Quantum Systems: The Dephasing Model. Open Systems and Information Dynamics, 2020, 27, 2050007.	1.2	1
13	A simple ansatz for the study of velocity autocorrelation functions in fluids at different timescales. Condensed Matter Physics, 2018, 21, 13001.	0.7	1
14	Collective excitations of a semiquantum 4He: quasihydrodynamic region. Journal of Molecular Liquids, 2001, 93, 65-68.	4.9	0
15	Some semi-phenomenological approaches to description of microcrack formation in solids. , 2009, , .		0
16	Reaction-diffusion processes in the "adsorbate-substrate"system. European Physical Journal: Special Topics, 2013, 216, 153-163.	2.6	0