

Vasyl Ignatyuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9106388/publications.pdf>

Version: 2024-02-01

16
papers

52
citations

1937685

4
h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

22
citing authors

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