

Leonid N Christophorov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2278830/publications.pdf>

Version: 2024-02-01

15
papers

160
citations

1307594

7
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Peculiarities of random walks with resetting in a one-dimensional chain. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 015001.	2.1	10
2	Enzyme functioning: Along the lines of nonequilibrium phase transitions. AIP Advances, 2018, 8, 125326.	1.3	4
3	Peculiarities of migration and capture of a quantum particle in a chain with traps. Chemical Physics Letters, 2017, 682, 77-81.	2.6	3
4	Molecular self-organization: A single molecule aspect. Chemical Physics Letters, 2013, 583, 170-174.	2.6	7
5	Peculiarities of light-induced slow protein dynamics in the photosynthetic reaction center. Chemical Physics Letters, 2011, 512, 113-117.	2.6	8
6	Self-organization effects in reactions of macromolecules. International Journal of Quantum Chemistry, 2010, 110, 62-66.	2.0	1
7	Peculiarities of light propagation through the media of molecules with long-lived photoexcited states. Chemical Physics Letters, 2007, 447, 358-363.	2.6	2
8	Synergetic mechanisms of structural regulation of the electron transfer and other reactions of biological macromolecules. Chemical Physics, 2005, 319, 330-341.	1.9	16
9	Self-Regulation Phenomena Applied to Bacterial Reaction Centers. Biophysical Journal, 2003, 84, 1146-1160.	0.5	30
10	Structure-function self-organization in nonequilibrium macromolecular systems. Chemical Physics, 2000, 256, 45-60.	1.9	32
11	Effects of mutual influence of photoinduced electron transitions and slow structural rearrangements in bacterial photosynthetic reaction centers. Journal of Biological Physics, 1998, 24, 1-17.	1.5	25
12	Self-controlled flow processing by biomolecules. Solid State Ionics, 1997, 97, 83-88.	2.7	5
13	Intelligent molecules: examples from biological charge transport. , 1996, , .		4
14	Dichotomous noise with feedback and charge-conformational interactions. Journal of Biological Physics, 1996, 22, 197-208.	1.5	10
15	Solitonic defects in hydrogen-bonded systems at finite acidity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 167, 367-369.	2.1	2