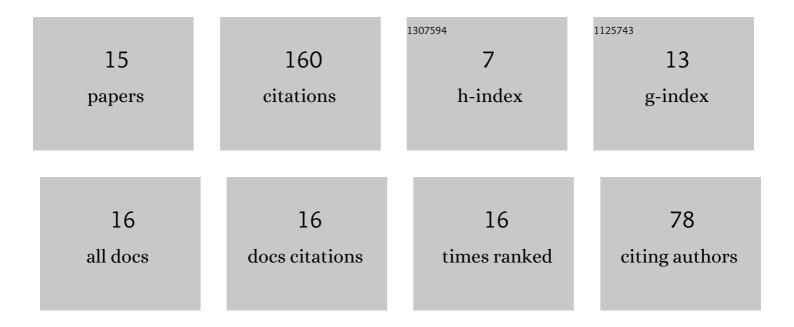
## Leonid N Christophorov

List of Publications by Year in descending order

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