

# Krzysztof Bielec

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5278567/publications.pdf>

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9  
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#	ARTICLE	IF	CITATIONS
1	Ion Complexation Explains Orders of Magnitude Changes in the Equilibrium Constant of Biochemical Reactions in Buffers Crowded by Nonionic Compounds. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 112-117.	4.6	3
2	Quantifying Nanoscale Viscosity and Structures of Living Cells Nucleus from Mobility Measurements. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 294-301.	4.6	12
3	Influence of molecular rebinding on the reaction rate of complex formation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19343-19351.	2.8	1
4	Two Intercalation Mechanisms of Oxazole Yellow Dimer (YOYO-1) into DNA. <i>Molecules</i> , 2021, 26, 3748.	3.8	1
5	Application of Bacteriophages in Nanotechnology. <i>Nanomaterials</i> , 2020, 10, 1944.	4.1	34
6	Single-molecule brightness analysis for the determination of anticancer drug interactions with DNA. <i>Analyst</i> , 2020, 145, 6600-6606.	3.5	6
7	Analysis of Brightness of a Single Fluorophore for Quantitative Characterization of Biochemical Reactions. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1941-1948.	2.6	10
8	Kinetics and equilibrium constants of oligonucleotides at low concentrations. Hybridization and melting study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10798-10807.	2.8	24
9	Dense Layer of Bacteriophages Ordered in Alternating Electric Field and Immobilized by Surface Chemical Modification as Sensing Element for Bacteria Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19622-19629.	8.0	36