

Krzysztof Bielec

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1478505

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9
times ranked

158
citing authors

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