

Suren Felekyan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

565
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Structural Dynamics by FRET: A Photon Distribution and Fluorescence Lifetime Analysis of Systems with Multiple States. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7983-7995.	2.6	170
2	Filtered FCS: Species Auto- and Cross-Correlation Functions Highlight Binding and Dynamics in Biomolecules. <i>ChemPhysChem</i> , 2012, 13, 1036-1053.	2.1	90
3	Probability Distribution Analysis of Single-Molecule Fluorescence Anisotropy and Resonance Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10253-10262.	2.6	76
4	Dynamic anticipation by Cdk2/Cyclin A-bound p27 mediates signal integration in cell cycle regulation. <i>Nature Communications</i> , 2019, 10, 1676.	12.8	71
5	Resolving dynamics and function of transient states in single enzyme molecules. <i>Nature Communications</i> , 2020, 11, 1231.	12.8	71
6	Analyzing Förster Resonance Energy Transfer with Fluctuation Algorithms. <i>Methods in Enzymology</i> , 2013, 519, 39-85.	1.0	38
7	Specific Conformational Dynamics and Expansion Underpin a Multi-Step Mechanism for Specific Binding of p27 with Cdk2/Cyclin A. <i>Journal of Molecular Biology</i> , 2020, 432, 2998-3017.	4.2	26
8	Unraveling multi-state molecular dynamics in single-molecule FRET experiments. I. Theory of FRET-lines. <i>Journal of Chemical Physics</i> , 2022, 156, 141501.	3.0	23