

Kunihiko Ishii

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

415
citations

933447

10
h-index

888059

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21
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Scanning Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy: Conformational Dynamics of DNA Holliday Junction from Microsecond to Subsecond. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1249-1257.	4.6	5
2	Extraction of rapid kinetics from smFRET measurements using integrative detectors. <i>Cell Reports Physical Science</i> , 2021, 2, 100409.	5.6	17
3	Microsecond Folding of preQ ₁ Riboswitch and Its Biological Significance Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 7968-7978.	13.7	11
4	Microsecond Equilibrium Dynamics of Hairpin-Forming Oligonucleotides Quantified by Two-Color Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10673-10681.	2.6	6
5	Direct Photon-by-Photon Analysis of Time-Resolved Pulsed Excitation Data using Bayesian Nonparametrics. <i>Cell Reports Physical Science</i> , 2020, 1, 100234.	5.6	15
6	Microsecond Conformational Dynamics of Biopolymers Revealed by Dynamic-Quenching Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy with Single Dye Labeling. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5536-5541.	4.6	11
7	Origins of biological function in DNA and RNA hairpin loop motifs from replica exchange molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2990-3001.	2.8	11
8	Highly Heterogeneous Nature of the Native and Unfolded States of the B Domain of Protein A Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5463-5473.	2.6	20
9	Correction of the afterpulsing effect in fluorescence correlation spectroscopy using time symmetry analysis. <i>Optics Express</i> , 2015, 23, 32387.	3.4	16
10	Microsecond protein dynamics observed at the single-molecule level. <i>Nature Communications</i> , 2015, 6, 7685.	12.8	72
11	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 2. Application. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11423-11432.	2.6	64
12	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 1. Principle. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11414-11422.	2.6	76
13	Note: Simple calibration of the counting-rate dependence of the timing shift of single photon avalanche diodes by photon interval analysis. <i>Review of Scientific Instruments</i> , 2013, 84, 036105.	1.3	10
14	Extracting decay curves of the correlated fluorescence photons measured in fluorescence correlation spectroscopy. <i>Chemical Physics Letters</i> , 2012, 519-520, 130-133.	2.6	22
15	Analysis of Biomolecular Dynamics using Advanced Fluorescence Correlation Spectroscopy. <i>Seibutsu Butsuri</i> , 2012, 52, 295-298.	0.1	0
16	Resolving Inhomogeneity Using Lifetime-Weighted Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12383-12391.	2.6	30
17	Infrared-induced coherent vibration of a hydrogen-bonded system: Effects of mechanical and electrical anharmonic couplings. <i>Journal of Chemical Physics</i> , 2009, 131, 044512.	3.0	19
18	2SP5-03 New fluorescence correlation spectroscopy observing lifetime fluctuation(2SP5 How are) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Seibutsu Butsuri</i> , 2009, 49, S14.	0.1	0

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19	The Hollow on the Excited-State Potential for Photo-induced Jahn-Teller Distortion of Copper Complexes Revealed by Ultrafast Spectroscopy. , 2007, , .		0
20	Observation of Nuclear Wavepacket Motion of Reacting Excited States in Solution. Journal of the Chinese Chemical Society, 2006, 53, 181-189.	1.4	10