

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

17
g-index

21
all docs

21
docs citations

21
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 1. Principle. Journal of Physical Chemistry B, 2013, 117, 11414-11422.	2.6	76
2	Microsecond protein dynamics observed at the single-molecule level. Nature Communications, 2015, 6, 7685.	12.8	72
3	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 2. Application. Journal of Physical Chemistry B, 2013, 117, 11423-11432.	2.6	64
4	Resolving Inhomogeneity Using Lifetime-Weighted Fluorescence Correlation Spectroscopy. Journal of Physical Chemistry B, 2010, 114, 12383-12391.	2.6	30
5	Extracting decay curves of the correlated fluorescence photons measured in fluorescence correlation spectroscopy. Chemical Physics Letters, 2012, 519-520, 130-133.	2.6	22
6	Highly Heterogeneous Nature of the Native and Unfolded States of the B Domain of Protein A Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. Journal of Physical Chemistry B, 2017, 121, 5463-5473.	2.6	20
7	Infrared-induced coherent vibration of a hydrogen-bonded system: Effects of mechanical and electrical anharmonic couplings. Journal of Chemical Physics, 2009, 131, 044512.	3.0	19
8	Extraction of rapid kinetics from smFRET measurements using integrative detectors. Cell Reports Physical Science, 2021, 2, 100409.	5.6	17
9	Correction of the afterpulsing effect in fluorescence correlation spectroscopy using time symmetry analysis. Optics Express, 2015, 23, 32387.	3.4	16
10	Direct Photon-by-Photon Analysis of Time-Resolved Pulsed Excitation Data using Bayesian Nonparametrics. Cell Reports Physical Science, 2020, 1, 100234.	5.6	15
11	Origins of biological function in DNA and RNA hairpin loop motifs from replica exchange molecular dynamics simulation. Physical Chemistry Chemical Physics, 2018, 20, 2990-3001.	2.8	11
12	Microsecond Conformational Dynamics of Biopolymers Revealed by Dynamic-Quenching Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy with Single Dye Labeling. Journal of Physical Chemistry Letters, 2019, 10, 5536-5541.	4.6	11
13	Microsecond Folding of preQ ₁ Riboswitch and Its Biological Significance Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. Journal of the American Chemical Society, 2021, 143, 7968-7978.	13.7	11
14	Observation of Nuclear Wavepacket Motion of Reacting Excited States in Solution. Journal of the Chinese Chemical Society, 2006, 53, 181-189.	1.4	10
15	Note: Simple calibration of the counting-rate dependence of the timing shift of single photon avalanche diodes by photon interval analysis. Review of Scientific Instruments, 2013, 84, 036105.	1.3	10
16	Microsecond Equilibrium Dynamics of Hairpin-Forming Oligonucleotides Quantified by Two-Color Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 10673-10681.	2.6	6
17	Scanning Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy: Conformational Dynamics of DNA Holliday Junction from Microsecond to Subsecond. Journal of Physical Chemistry Letters, 2022, 13, 1249-1257.	4.6	5
18	The Hollow on the Excited-State Potential for Photo-induced Jahn-Teller Distortion of Copper Complexes Revealed by Ultrafast Spectroscopy. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	2SP5-03 New fluorescence correlation spectroscopy observing lifetime fluctuation(2SP5 How are) Tj ETQq1 1 0.784314 rgBT /Overlook Seibutsu Butsuri, 2009, 49, S14.	0.1	0
20	Analysis of Biomolecular Dynamics using Advanced Fluorescence Correlation Spectroscopy. Seibutsu Butsuri, 2012, 52, 295-298.	0.1	0