

Masataka Kinjo

List of Publications by Year in descending order

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201
papers

7,205
citations

66234

42
h-index

69108

77
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206
all docs

206
docs citations

206
times ranked

9907
citing authors

#	ARTICLE	IF	CITATIONS
1	Number and Brightness Analysis: Visualization of Protein Oligomeric State in Living Cells. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1310, 31-58.	0.8	0
2	Quantitative evaluation of macromolecular crowding environment based on translational and rotational diffusion using polarization dependent fluorescence correlation spectroscopy. <i>Scientific Reports</i> , 2021, 11, 10594.	1.6	15
3	Molecular basis of functional exchangeability between ezrin and other actin-membrane associated proteins during cytokinesis. <i>Experimental Cell Research</i> , 2021, 403, 112600.	1.2	3
4	Conformational stabilization of optineurin by the dynamic interaction of linear polyubiquitin. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 203-209.	1.0	1
5	Empirical Bayes method using surrounding pixel information for number and brightness analysis. <i>Biophysical Journal</i> , 2021, 120, 2156-2171.	0.2	4
6	Interaction between Spike Protein of SARS-CoV-2 and Human Virus Receptor ACE2 Using Two-Color Fluorescence Cross-Correlation Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10697.	1.3	2
7	Biophysical research in Hokkaido University, Japan. <i>Biophysical Reviews</i> , 2020, 12, 233-236.	1.5	3
8	Quantitative Analysis of Membrane Surface and Small Confinement Effects on Molecular Diffusion. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1090-1098.	1.2	16
9	Functional Fluorescence Microscopy Imaging: Quantitative Scanning-Free Confocal Fluorescence Microscopy for the Characterization of Fast Dynamic Processes in Live Cells. <i>Analytical Chemistry</i> , 2019, 91, 11129-11137.	3.2	25
10	Full fiber-optic fluorescence correlation spectroscopy. <i>Optics Express</i> , 2019, 27, 14835.	1.7	4
11	Determination of cytoplasmic optineurin foci sizes using image correlation spectroscopy. <i>Journal of Biochemistry</i> , 2018, 164, 223-229.	0.9	5
12	Detection of substrate binding of a collagen-specific molecular chaperone HSP47 in solution using fluorescence correlation spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 279-284.	1.0	8
13	Determination of diffusion coefficients in live cells using fluorescence recovery after photobleaching with wide-field fluorescence microscopy. <i>Biophysics and Physicobiology</i> , 2018, 15, 1-7.	0.5	19
14	Two-detector number and brightness analysis reveals spatio-temporal oligomerization of proteins in living cells. <i>Methods</i> , 2018, 140-141, 161-171.	1.9	11
15	Not Oligomers but Amyloids are Cytotoxic in the Membrane-Mediated Amyloidogenesis of Amyloid β Peptides. <i>ChemBioChem</i> , 2018, 19, 430-433.	1.3	19
16	The cytoplasmic region of the amyloid β protein precursor (<sc>APP</sc>) is necessary and sufficient for the enhanced fast velocity of <sc>APP</sc> transport by kinesin β 1. <i>FEBS Letters</i> , 2018, 592, 2716-2724.	1.3	7
17	State-of-the-Art Fluorescence Fluctuation-Based Spectroscopic Techniques for the Study of Protein Aggregation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 964.	1.8	37
18	Physicochemical Properties of the Mammalian Molecular Chaperone HSP60. <i>International Journal of Molecular Sciences</i> , 2018, 19, 489.	1.8	27

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19	Relationship Between Homodimeric Glucocorticoid Receptor and Transcriptional Regulation Assessed via an In Vitro Fluorescence Correlation Spectroscopy-Microwell System. <i>Scientific Reports</i> , 2018, 8, 7488.	1.6	7
20	Molecular chaperone HSP70 prevents formation of inclusion bodies of the 25-kDa C-terminal fragment of TDP-43 by preventing aggregate accumulation. <i>Cell Stress and Chaperones</i> , 2018, 23, 1177-1183.	1.2	16
21	Absolute Quantification of RNA Molecules Using Fluorescence Correlation Spectroscopy with Certified Reference Materials. <i>Analytical Chemistry</i> , 2018, 90, 10865-10871.	3.2	10
22	Analysis of the substrate recognition state of TDP-43 to single-stranded DNA using fluorescence correlation spectroscopy. <i>Biochemistry and Biophysics Reports</i> , 2018, 14, 58-63.	0.7	10
23	Multipoint fluorescence correlation spectroscopy using spatial light modulator. <i>Biomedical Optics Express</i> , 2018, 9, 5881.	1.5	9
24	Different aggregation states of a nuclear localization signal-tagged 25-kDa C-terminal fragment of TAR RNA/DNA-binding protein 43 kDa. <i>Genes To Cells</i> , 2017, 22, 521-534.	0.5	11
25	Temperature and pH sensitivity of a stabilized self-nanoemulsion formed using an ionizable lipid-like material via an oil-to-surfactant transition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 95-101.	2.5	14
26	Phosphorylation of multiple sites within an acidic region of Alcadin is required for kinesin-1 association and Golgi exit of Alcadin cargo. <i>Molecular Biology of the Cell</i> , 2017, 28, 3844-3856.	0.9	11
27	Phosphorylation of KLC1 modifies interaction with JIP1 and abolishes the enhanced fast velocity of APP transport by kinesin-1. <i>Molecular Biology of the Cell</i> , 2017, 28, 3857-3869.	0.9	11
28	A Quantitative Study of Internal and External Interactions of Homodimeric Glucocorticoid Receptor Using Fluorescence Cross-Correlation Spectroscopy in a Live Cell. <i>Scientific Reports</i> , 2017, 7, 4336.	1.6	32
29	Investigation of pH-dependent photophysical properties of quantum nanocrystals by fluorescence correlation spectroscopy. <i>Optics Express</i> , 2017, 25, 1435.	1.7	1
30	U6 snRNA expression prevents toxicity in TDP-43-knockdown cells. <i>PLoS ONE</i> , 2017, 12, e0187813.	1.1	11
31	Negative Correlation between the Diffusion Coefficient and Transcriptional Activity of the Glucocorticoid Receptor. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1855.	1.8	11
32	Interaction of RNA with a C-terminal fragment of the amyotrophic lateral sclerosis-associated TDP43 reduces cytotoxicity. <i>Scientific Reports</i> , 2016, 6, 19230.	1.6	64
33	Development of new fusion proteins for visualizing amyloid- β oligomers in vivo. <i>Scientific Reports</i> , 2016, 6, 22712.	1.6	32
34	Dependence of fluorescent protein brightness on protein concentration in solution and enhancement of it. <i>Scientific Reports</i> , 2016, 6, 22342.	1.6	44
35	Polarization-dependent fluorescence correlation spectroscopy for studying structural properties of proteins in living cell. <i>Scientific Reports</i> , 2016, 6, 31091.	1.6	24
36	In vivo fluorescence correlation spectroscopy analyses of FMBP, a silkworm transcription factor. <i>FEBS Open Bio</i> , 2016, 6, 106-125.	1.0	16

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37	Rotational diffusion measurements using polarization-dependent fluorescence correlation spectroscopy based on superconducting nanowire single-photon detector. <i>Optics Express</i> , 2015, 23, 32633.	1.7	24
38	Raster image cross-correlation analysis for spatiotemporal visualization of intracellular degradation activities against exogenous DNAs. <i>Scientific Reports</i> , 2015, 5, 14428.	1.6	12
39	Screening for FtsZ Dimerization Inhibitors Using Fluorescence Cross-Correlation Spectroscopy and Surface Resonance Plasmon Analysis. <i>PLoS ONE</i> , 2015, 10, e0130933.	1.1	12
40	Efficient and dynamic nuclear localization of green fluorescent protein via RNA binding. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 401-406.	1.0	18
41	Fluorescence Correlation Spectroscopy with Visible-Wavelength Superconducting Nanowire Single-Photon Detector. , 2015, , .		0
42	Siglec-15 is a potential therapeutic target for postmenopausal osteoporosis. <i>Bone</i> , 2015, 71, 217-226.	1.4	46
43	Homodimerization of glucocorticoid receptor from single cells investigated using fluorescence correlation spectroscopy and microwells. <i>FEBS Letters</i> , 2015, 589, 2171-2178.	1.3	16
44	Conformational Analysis of Misfolded Protein Aggregation by FRET and Live-Cell Imaging Techniques. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6076-6092.	1.8	28
45	Quantitative confocal fluorescence microscopy of dynamic processes by multifocal fluorescence correlation spectroscopy. , 2015, , .		4
46	Peptide sequences converting polyglutamine into a prion in yeast. <i>FEBS Journal</i> , 2015, 282, 477-490.	2.2	0
47	Determination of the Dissociation Constant of the NF κ B p50/p65 Heterodimer in Living Cells Using Fluorescence Cross-Correlation Spectroscopy. <i>Methods in Molecular Biology</i> , 2015, 1228, 173-186.	0.4	2
48	A Biphenyl Type Two-Photon Fluorescence Probe for Monitoring the Mitochondrial Membrane Potential. <i>Cell Structure and Function</i> , 2014, 39, 125-133.	0.5	20
49	Quantitative analysis of APP axonal transport in neurons: role of JIP1 in enhanced APP anterograde transport. <i>Molecular Biology of the Cell</i> , 2014, 25, 3569-3580.	0.9	68
50	10 μ m \times 10-pixel 606kS/s multi-point fluorescence correlation spectroscopy CMOS image sensor. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
51	Fluorescence correlation spectroscopy with visible-wavelength superconducting nanowire single-photon detector. <i>Optics Express</i> , 2014, 22, 28783.	1.7	37
52	Dysregulation of the proteasome increases the toxicity of Δ linked mutant SOD1. <i>Genes To Cells</i> , 2014, 19, 209-224.	0.5	46
53	Simple and Direct Assembly of Kymographs from Movies Using KYMOMAKER. <i>Traffic</i> , 2014, 15, 1-11.	1.3	26
54	Prefoldin prevents aggregation of α -synuclein. <i>Brain Research</i> , 2014, 1542, 186-194.	1.1	29

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55	Moyamoya disease-associated protein mysterin/RNF213 is a novel AAA+ ATPase, which dynamically changes its oligomeric state. <i>Scientific Reports</i> , 2014, 4, 4442.	1.6	90
56	Regulated axonal transport of APP and alcadein by kinesin ϵ 1 (783.1). <i>FASEB Journal</i> , 2014, 28, 783.1.	0.2	0
57	Virus-like particles with removable cyclodextrins enable glutathione-triggered drug release in cells. <i>Molecular BioSystems</i> , 2013, 9, 501.	2.9	19
58	Siglec-15 Regulates Osteoclast Differentiation by Modulating RANKL-Induced Phosphatidylinositol 3-Kinase/Akt and Erk Pathways in Association With Signaling Adaptor DAP12. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2463-2475.	3.1	100
59	The interaction of Hsp104 with yeast prion Sup35 as analyzed by fluorescence cross-correlation spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 442, 28-32.	1.0	6
60	Determination of dissociation constant of the NF κ B p50/p65 heterodimer using fluorescence cross-correlation spectroscopy in the living cell. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 430-435.	1.0	34
61	Nonmuscle myosin II folds into a 10S form via two portions of tail for dynamic subcellular localization. <i>Genes To Cells</i> , 2013, 18, 90-109.	0.5	21
62	pH Dependence of the Fluorescence Lifetime of FAD in Solution and in Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1952-1963.	1.8	100
63	Rab6a releases LIS1 from a dynein idling complex and activates dynein for retrograde movement. <i>Nature Communications</i> , 2013, 4, 2033.	5.8	24
64	Prefoldin Protects Neuronal Cells from Polyglutamine Toxicity by Preventing Aggregation Formation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19958-19972.	1.6	49
65	A Rapid and High-Throughput Quantitation Assay of the Nuclear Factor κ B Activity Using Fluorescence Correlation Spectroscopy in the Setting of Clinical Laboratories. <i>PLoS ONE</i> , 2013, 8, e75579.	1.1	1
66	Atg9 vesicles are an important membrane source during early steps of autophagosome formation. <i>Journal of Cell Biology</i> , 2012, 198, 219-233.	2.3	532
67	Bovine serum albumin-coated quantum dots as a cytoplasmic viscosity probe in a single living cell. <i>Analytical Methods</i> , 2012, 4, 1903.	1.3	25
68	Local Nucleosome Dynamics Facilitate Chromatin Accessibility in Living Mammalian Cells. <i>Cell Reports</i> , 2012, 2, 1645-1656.	2.9	175
69	Editorial (Hot Topic: Current Optical Procedures Used in Cell Biology). <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2545-2546.	0.9	0
70	A S-mall P-peptide S-quence is S-ufficient for I-nitiating K-inesin ϵ 1 A-ctivation T-hrough P-art of TPR R-egion of KLC1. <i>Traffic</i> , 2012, 13, 834-848.	1.3	41
71	pH dependence of the fluorescence lifetime of enhanced yellow fluorescent protein in solution and cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 235, 65-71.	2.0	19
72	Direct Association of Unfolded Proteins with Mammalian ER Stress Sensor, IRE1 β . <i>PLoS ONE</i> , 2012, 7, e51290.	1.1	50

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73	Fluorescence Imaging of Mitochondria in Living Cells Using a Novel Fluorene Derivative with a Large Two-Photon Absorption Cross-Section. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2649-2654.	0.9	8
74	Current Research on Protein-Protein Interactions Among Auxin-Signaling Factors in Regulation of Plant Growth and Development. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2604-2611.	0.9	0
75	Use of Carbohydrate-Conjugated Nanoparticles for an Integrated Approach to Functional Imaging of Glycans and Understanding of their Molecular Mechanisms. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2612-2616.	0.9	0
76	A Modified FCCS Procedure Applied to Ly49A-MHC Class I cis-Interaction Studies in Cell Membranes. <i>Biophysical Journal</i> , 2011, 101, 1257-1269.	0.2	23
77	Importance of Sialic Acid Residues Illuminated by Live Animal Imaging Using Phosphorylcholine Self-Assembled Monolayer-Coated Quantum Dots. <i>Journal of the American Chemical Society</i> , 2011, 133, 12507-12517.	6.6	83
78	Intracellular pH Sensing Using Autofluorescence Lifetime Microscopy. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10385-10390.	1.2	83
79	Monitoring the caspase cascade in single apoptotic cells using a three-color fluorescent protein substrate. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 706-710.	1.0	6
80	Single-particle tracking of quantum dot-conjugated prion proteins inside yeast cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 638-643.	1.0	18
81	First Steps for Fluorescence Correlation Spectroscopy of Living Cells. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.top065920-pdb.top065920.	0.2	5
82	Fluorescence Correlation Spectroscopy Example: Shift of Autocorrelation Curve. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot065946-pdb.prot065946.	0.2	4
83	Basic Fluorescence Correlation Spectroscopy Setup and Measurement. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot065938.	0.2	7
84	Two Distinct Amyloid β -Protein ($A\beta$) Assembly Pathways Leading to Oligomers and Fibrils Identified by Combined Fluorescence Correlation Spectroscopy, Morphology, and Toxicity Analyses. <i>Journal of Biological Chemistry</i> , 2011, 286, 11555-11562.	1.6	102
85	Dynamic assembly properties of nonmuscle myosin II isoforms revealed by combination of fluorescence correlation spectroscopy and fluorescence cross-correlation spectroscopy. <i>Journal of Biochemistry</i> , 2011, 149, 253-263.	0.9	16
86	Direct Observation of Dimerization between Different CREB1 Isoforms in a Living Cell. <i>PLoS ONE</i> , 2011, 6, e20285.	1.1	19
87	Conformational Analysis of Soluble Oligomers of GFP Tagged Prion Protein By Fluorescence Fluctuation Spectroscopy. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 87-95.	0.9	1
88	Fluorescence lifetime imaging spectroscopy in living cells with particular regards to pH dependence and electric field effect. , 2010, , .		3
89	Monitoring intracellular degradation of exogenous DNA using diffusion properties. <i>Journal of Controlled Release</i> , 2010, 143, 104-111.	4.8	39
90	Low pH-Triggered Model Drug Molecule Release from Virus-Like Particles. <i>ChemBioChem</i> , 2010, 11, 959-962.	1.3	21

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91	Kinesin-1/Hsc70-dependent mechanism of slow axonal transport and its relation to fast axonal transport. <i>EMBO Journal</i> , 2010, 29, 843-854.	3.5	47
92	Single-Cell Quantitative Analysis of DNA Incorporation and Protein Expression in Microwells. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 117-121.	0.9	4
93	In vivo evidence for the fibrillar structures of Sup35 prions in yeast cells. <i>Journal of Cell Biology</i> , 2010, 190, 223-231.	2.3	65
94	STPR, a 23-Amino Acid Tandem Repeat Domain, Found in the Human Function-Unknown Protein ZNF821. <i>Biochemistry</i> , 2010, 49, 8367-8375.	1.2	8
95	A quantum dot-based ratiometric pH sensor. <i>Chemical Communications</i> , 2010, 46, 2408.	2.2	142
96	Fluorescently Labeled Proteins as a Tool for Analyzing the Dynamics of Protein Quality Control in Living Cells. <i>International Journal of the Society of Materials Engineering for Resources</i> , 2010, 17, 1-4.	0.1	1
97	Multipoint fluorescence correlation spectroscopy with total internal reflection fluorescence microscope. <i>Journal of Biomedical Optics</i> , 2009, 14, 014030.	1.4	20
98	Fluorescence lifetime images of green fluorescent protein in HeLa cells during TNF- α induced apoptosis. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 763-767.	1.6	30
99	Single mother-daughter pair analysis to clarify the diffusion properties of yeast prion Sup35 in guanidine-HCl-treated [<i>PSI⁺</i>] cells. <i>Genes To Cells</i> , 2009, 14, 1045-1054.	0.5	32
100	Fluorescence lifetime imaging study of a single cell: stress-induced environmental change and electric field effects on fluorescence. , 2009, , .		3
101	Fluorescence Cross-Correlation Spectroscopy of Plant Proteins. <i>Methods in Molecular Biology</i> , 2009, 479, 203-215.	0.4	9
102	Temporal and spatial localization of three germline-specific proteins in medaka. <i>Developmental Dynamics</i> , 2008, 237, 800-807.	0.8	44
103	Electric field effects on fluorescence of the green fluorescent protein. <i>Chemical Physics Letters</i> , 2008, 457, 408-412.	1.2	20
104	Analysis of the molecular dynamics of medaka nuage proteins by fluorescence correlation spectroscopy and fluorescence recovery after photobleaching. <i>FEBS Journal</i> , 2008, 275, 341-349.	2.2	16
105	Application of fluorescence lifetime imaging of enhanced green fluorescent protein to intracellular pH measurements. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 668-670.	1.6	80
106	Stress-induced environmental changes in a single cell as revealed by fluorescence lifetime imaging. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 671-674.	1.6	27
107	The A- and B-type nuclear lamin networks: microdomains involved in chromatin organization and transcription. <i>Genes and Development</i> , 2008, 22, 3409-3421.	2.7	433
108	Regulated motion of glycoproteins revealed by direct visualization of a single cargo in the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2008, 180, 129-143.	2.3	26

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109	Reciprocal interaction with G-actin and tropomyosin is essential for aquaporin-2 trafficking. <i>Journal of Cell Biology</i> , 2008, 182, 587-601.	2.3	86
110	Cross-talk-free Fluorescence Cross-Correlation Spectroscopy by the Switching Method. <i>Cell Structure and Function</i> , 2008, 33, 143-150.	0.5	8
111	Dynamic Bioimaging by using Fluorescence Correlation Spectroscopy. <i>Journal of the Institute of Electrical Engineers of Japan</i> , 2008, 128, 11-15.	0.0	0
112	Detection of Antigen using Fluorescence Cross-Correlation Spectroscopy. <i>Seibutsu Butsuri</i> , 2008, 48, 290-293.	0.0	0
113	In vivo quantitative analysis of PKA subunit interaction and cAMP level by dual color fluorescence cross correlation spectroscopy. <i>Molecules and Cells</i> , 2008, 26, 87-92.	1.0	10
114	Dissociation of the insulin receptor and caveolin-1 complex by ganglioside GM3 in the state of insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13678-13683.	3.3	344
115	Direct Quantification of Gene Expression Using Fluorescence Correlation Spectroscopy. <i>Current Pharmaceutical Biotechnology</i> , 2007, 8, 286-290.	0.9	12
116	Effect of cholesterol on diffusion in surfactant bilayers. <i>Journal of Chemical Physics</i> , 2007, 127, 165102.	1.2	2
117	Preparation and Characterization of Thiacalix[4]arene Coated Water-Soluble CdSe/ZnS Quantum Dots as a Fluorescent Probe for Cu ²⁺ Ions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 473-479.	0.6	14
118	DNA Microstructure Based on Self-Assembly of 4-Sticky-End Holiday Junctions in Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 726-729.	0.9	2
119	Specificity and Similarity of Functions of the Aux/IAA Genes in Auxin Signaling of Arabidopsis Revealed by Promoter-Exchange Experiments among MSG2/IAA19, AXR2/IAA7, and SLR/IAA14. <i>Plant Physiology</i> , 2007, 144, 187-196.	2.3	80
120	Detection of Polyglutamine Protein Oligomers in Cells by Fluorescence Correlation Spectroscopy. <i>Journal of Biological Chemistry</i> , 2007, 282, 24039-24048.	1.6	89
121	Cross-talk-free fluorescence cross-correlation spectroscopy by the switching method. , 2007, , .		0
122	Picosecond Time-resolved Infrared Imaging by a Non-scanning Two-color Infrared Super-resolution Microscope. <i>Chemistry Letters</i> , 2007, 36, 1380-1381.	0.7	8
123	Analysis of intranuclear binding process of glucocorticoid receptor using fluorescence correlation spectroscopy. <i>FEBS Letters</i> , 2007, 581, 389-393.	1.3	44
124	Detection of Antigen Protein by Using Fluorescence Cross-Correlation Spectroscopy and Quantum-Dot-Labeled Antibodies. <i>ChemBioChem</i> , 2007, 8, 2199-2203.	1.3	14
125	Triplet fraction buildup effect of the DNA-YOYO complex studied with fluorescence correlation spectroscopy. <i>Analytical Biochemistry</i> , 2007, 366, 87-92.	1.1	8
126	Detection of prion protein immune complex for bovine spongiform encephalopathy diagnosis using fluorescence correlation spectroscopy and fluorescence cross-correlation spectroscopy. <i>Analytical Biochemistry</i> , 2007, 370, 131-141.	1.1	38

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127	The novel cargo Alcadein induces vesicle association of kinesin-1 motor components and activates axonal transport. <i>EMBO Journal</i> , 2007, 26, 1475-1486.	3.5	140
128	Diffusion analysis of glucocorticoid receptor and antagonist effect in living cell nucleus. <i>Experimental and Molecular Pathology</i> , 2007, 82, 163-168.	0.9	9
129	Lateral Mobility of Membrane-Binding Proteins in Living Cells Measured by Total Internal Reflection Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2006, 91, 3456-3464.	0.2	76
130	Microenvironment and Effect of Energy Depletion in the Nucleus Analyzed by Mobility of Multiple Oligomeric EGFPs. <i>Biophysical Journal</i> , 2006, 91, 3921-3936.	0.2	126
131	Control of the Optical Properties of Quantum Dots by Surface Coating with Calix[n]arene Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2006, 128, 9288-9289.	6.6	107
132	2P522 Analysis of intracellular binding process of glucocorticoid receptor using fluorescence correlation spectroscopy(52. Bio-imaging,Poster Session,Abstract,Meeting Program of EABS & BSJ) Tj ETQq0 0 0 rgBT /Overlæk 10 Tf 50		
133	1P075 Analysis of complex formation among FEN1, PCNA and 5'-flap DNA by Fluorescence Cross Correlation Spectroscopy(2. Protein function (I),Poster Session,Abstract,Meeting Program of EABS &) Tj ETQq1 1 00784314 rgBT /Overlæ		
134	Protein-protein interaction analysis by C-terminally specific fluorescence labeling and fluorescence cross-correlation spectroscopy. <i>Nucleic Acids Research</i> , 2006, 34, e102-e102.	6.5	37
135	Dynamics of yeast prion aggregates in single living cells. <i>Genes To Cells</i> , 2006, 11, 1085-1096.	0.5	46
136	A fluorescent variant of a protein from the stony coral <i>Montipora</i> facilitates dual-color single-laser fluorescence cross-correlation spectroscopy. <i>Nature Biotechnology</i> , 2006, 24, 577-581.	9.4	293
137	Cytosolic chaperonin prevents polyglutamine toxicity with altering the aggregation state. <i>Nature Cell Biology</i> , 2006, 8, 1163-1169.	4.6	252
138	The regulator of the F1 motor: inhibition of rotation of cyanobacterial F1-ATPase by the ϵ subunit. <i>EMBO Journal</i> , 2006, 25, 4596-4604.	3.5	74
139	Detection of oxidative stress-induced mitochondrial DNA damage using fluorescence correlation spectroscopy. <i>Analytical Biochemistry</i> , 2006, 350, 196-201.	1.1	10
140	Quantification of size distribution of restriction fragments in mitochondrial genome using fluorescence correlation spectroscopy. <i>Experimental and Molecular Pathology</i> , 2006, 80, 275-278.	0.9	3
141	Fluorescence Cross-Correlation Analyses of the Molecular Interaction between an Aux/IAA Protein, MSG2/IAA19, and Protein-Protein Interaction Domains of Auxin Response Factors of Arabidopsis Expressed in HeLa Cells. <i>Plant and Cell Physiology</i> , 2006, 47, 1095-1101.	1.5	49
142	ANALYSIS OF MEMBRANE-BINDING PROTEIN MOBILITY IN LIVING CELLS USING TOTAL INTERNAL REFLECTION FLUORESCENCE CORRELATION SPECTROSCOPY. <i>Biophysical Reviews and Letters</i> , 2006, 01, 293-299.	0.9	6
143	A new ultrasensitive way to circumvent PCR-based allele distinction: Direct probing of unamplified genomic DNA by solution-phase hybridization using two-color fluorescence cross-correlation spectroscopy. <i>Experimental and Molecular Pathology</i> , 2005, 78, 177-189.	0.9	28
144	Interaction of a Small Heat Shock Protein of the Fission Yeast, <i>Schizosaccharomyces pombe</i> , with a Denatured Protein at Elevated Temperature. <i>Journal of Biological Chemistry</i> , 2005, 280, 32586-32593.	1.6	19

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145	Amphiphilic p-sulfonatocalix[4]arene-coated CdSe/ZnS quantum dots for the optical detection of the neurotransmitter acetylcholine. <i>Chemical Communications</i> , 2005, , 4300.	2.2	101
146	Dead-time distortion in fluorescence correlation measurements. <i>Applied Optics</i> , 2005, 44, 3458.	2.1	7
147	Calixarene-coated water-soluble CdSe/ZnS semiconductor quantum dots that are highly fluorescent and stable in aqueous solution. <i>Chemical Communications</i> , 2005, , 2829.	2.2	53
148	DNA Measurements by Using Fluorescence Correlation Spectroscopy and Two-Color Fluorescence Cross Correlation Spectroscopy. <i>Current Pharmaceutical Biotechnology</i> , 2004, 5, 199-204.	0.9	10
149	Experimental evidence of distance-dependent diffusion coefficients of a globular protein observed in polymer aqueous solution forming a network structure on nanometer scale. <i>Journal of Chemical Physics</i> , 2004, 121, 10787-10793.	1.2	19
150	Regulation of Immature Protein Dynamics in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2004, 279, 21533-21542.	1.6	19
151	Specifically associated PCR products probed by coincident detection of two-color cross-correlated fluorescence intensities in human gene polymorphisms of methylene tetrahydrofolate reductase at site C677T: a novel measurement approach without follow-up mathematical analysis. <i>Experimental and Molecular Pathology</i> , 2004, 76, 212-218.	0.9	6
152	Protein folding by the effects of macromolecular crowding. <i>Protein Science</i> , 2004, 13, 125-133.	3.1	187
153	Real-Time Monitoring of in vitro Transcriptional RNA by Using Fluorescence Correlation Spectroscopy. <i>ChemBioChem</i> , 2004, 5, 1701-1703.	1.3	6
154	Systematic Error in Fluorescence Correlation Measurements Identified by a Simple Saturation Model of Fluorescence. <i>Analytical Chemistry</i> , 2004, 76, 1963-1970.	3.2	39
155	Direct detection of caspase-3 activation in single live cells by cross-correlation analysis. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 849-854.	1.0	89
156	Molecular dynamics of STAT3 on IL-6 signaling pathway in living cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 1264-1273.	1.0	41
157	Multi-Photon Fluorescence Correlation Spectroscopy: a Quantification of Tryptophan Methyl ester Solutions by Visible Emission. <i>Optical Review</i> , 2003, 10, 588-591.	1.2	1
158	Fluorescence Correlation Spectroscopy (FCS) Analysis of Human Red Blood Cell System. <i>Optical Review</i> , 2003, 10, 596-599.	1.2	3
159	Visible Emission of a Photoproduct from Tryptophan Solution Induced by Multiphoton Excitation: An Investigation by Intensity Fluctuation Analysis. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6012-6017.	1.2	7
160	In situ observation of mobility and anchoring of PKC δ in plasma membrane. <i>FEBS Letters</i> , 2003, 541, 126-131.	1.3	32
161	C677T Single Nucleotide Polymorphisms of the Human Methylene Tetrahydrofolate Reductase and Specific Identification. <i>Molecular Diagnosis and Therapy</i> , 2003, 7, 99-111.	1.3	9
162	C677T Single Nucleotide Polymorphisms of the Human Methylene Tetrahydrofolate Reductase and Specific Identification. <i>Molecular Diagnosis and Therapy</i> , 2003, 7, 99-111.	1.3	0

#	ARTICLE	IF	CITATIONS
163	Novel Fluorescence Labeling and High-Throughput Assay Technologies for In Vitro Analysis of Protein Interactions. <i>Genome Research</i> , 2002, 12, 487-492.	2.4	58
164	Microenvironment Analysis in Squid Axons Using Fluorescence Correlation Spectroscopy and Laser Scanning Microscopy. <i>Acta Histochemica Et Cytochemica</i> , 2002, 35, 87-91.	0.8	4
165	Synthesis of Hydrogels with Extremely Low Surface Friction. <i>Journal of the American Chemical Society</i> , 2001, 123, 5582-5583.	6.6	229
166	Microenvironment of Endosomal Aqueous Phase Investigated by the Mobility of Microparticles Using Fluorescence Correlation Spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 312-318.	1.0	38
167	Monitoring of in vitro and in vivo translation of green fluorescent protein and its fusion proteins by fluorescence correlation spectroscopy. <i>Cytometry</i> , 2001, 44, 1-6.	1.8	26
168	Fluorescence Correlation Spectroscopy in Nucleic Acid Analysis. <i>Springer Series in Chemical Physics</i> , 2001, , 25-64.	0.2	8
169	c-fos expression and redox state of cytochrome oxidase of rat brain in hypoxia. <i>NeuroReport</i> , 2000, 11, 301-304.	0.6	4
170	Fluorescence Correlation Spectroscopy: A New Tool for Probing the Microenvironment of the Internal Space of Organelles. <i>Single Molecules</i> , 2000, 1, 279-283.	1.7	24
171	Effect of Electrostatic Interactions on the Binding of Charged Substrate to GroEL Studied by Highly Sensitive Fluorescence Correlation Spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2000, 267, 300-304.	1.0	36
172	Oligomeric Tubulin in Large Transporting Complex Is Transported via Kinesin in Squid Giant Axons. <i>Cell</i> , 2000, 103, 141-155.	13.5	130
173	Analysis of interaction between chaperonin GroEL and its substrate using fluorescence correlation spectroscopy. <i>Cytometry</i> , 1999, 36, 247-253.	1.8	45
174	Fluorescence Correlation Spectroscopy as an Analytical Tool of Enzymatic Reactions in the Single Molecule Level. <i>Seibutsu Butsuri</i> , 1999, 39, 81-85.	0.0	1
175	Quantitative analysis by the polymerase chain reaction using fluorescence correlation spectroscopy. <i>Analytica Chimica Acta</i> , 1998, 365, 43-48.	2.6	13
176	Synthesis of a bioactive fluorescent dye and enzymatic labeling at the 3-termini of RNAs: An application for the characterization of the thermal stability of tRNAs and oligonucleotides using fluorescence anisotropy measurements. <i>Dyes and Pigments</i> , 1998, 38, 77-95.	2.0	1
177	Single-Molecule Analysis of Restriction DNA Fragments Using Fluorescence Correlation Spectroscopy. <i>Analytical Biochemistry</i> , 1998, 260, 166-172.	1.1	44
178	Fluorescence Correlation Spectroscopy of Enzymatic DNA Polymerization. <i>Biochemistry</i> , 1998, 37, 12971-12978.	1.2	55
179	Ion transport activity of calix[n]arene (n=4, 5, 6, 7, 8) esters toward alkali-metal cations in a phospholipid bilayer membrane. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 3135-3140.	1.7	19
180	Detection of Asymmetric PCR Products in Homogeneous Solution by Fluorescence Correlation Spectroscopy. <i>BioTechniques</i> , 1998, 25, 706-715.	0.8	18

#	ARTICLE	IF	CITATIONS
181	Number analysis of fluorescence correlation spectroscopy for the cleaving process of fluorescence labeled DNA. <i>Bioimaging</i> , 1997, 5, 129-133.	1.8	19
182	Fluorescence correlation spectroscopy as a detection tool of point mutation in genes. <i>Bioimaging</i> , 1997, 5, 134-138.	1.8	19
183	Absorbance measurements in turbid media by the photon correlation method. <i>Applied Optics</i> , 1995, 34, 7419.	2.1	8
184	Time Course of Changes in Phospholipid in Cardiac Mitochondria from Rats Recovering from Prolonged Swimming.. <i>International Heart Journal</i> , 1994, 35, 345-351.	0.6	0
185	Suppressive effect of coenzyme Q10 on phospholipase A2 activation in cardiac cells after prolonged swimming. <i>Life Sciences</i> , 1992, 51, 1113-1118.	2.0	8
186	Changes in phospholipid constituents in mitochondrial membranes after long lasting exercise in rat heart. <i>Life Sciences</i> , 1991, 48, 2173-2181.	2.0	8
187	Protective effects of idebenone against alterations in dynamic microstructure induced by lipid peroxidation in rat cardiac mitochondria.. <i>International Heart Journal</i> , 1991, 32, 91-100.	0.6	10
188	Dynamic microstructure of mitochondrial membranes from rabbit heart subjected to reperfusion after ischemia.. <i>International Heart Journal</i> , 1991, 32, 247-253.	0.6	1
189	Microdynamics of outer and inner membranes of mitochondria from bullfrog myocardium.. <i>The Japanese Journal of Physiology</i> , 1990, 40, 551-560.	0.9	2
190	Dynamic microstructure of plasma and mitochondrial membranes from bullfrog myocardium-A nanosecond time-resolved fluorometric study.. <i>The Japanese Journal of Physiology</i> , 1990, 40, 65-78.	0.9	8
191	Synthesis of hydrocarbons under presumed prebiotic conditions using high-frequency discharge. <i>Journal of Molecular Evolution</i> , 1986, 23, 113-118.	0.8	3
192	Enzymatic synthesis and some properties of a model primitive tRNA. <i>Journal of Molecular Evolution</i> , 1986, 23, 320-327.	0.8	5
193	Differential coupling efficiency of chemically activated amino acid to tRNA. <i>Journal of Molecular Evolution</i> , 1984, 20, 59-65.	0.8	3
194	Formation of amino acids from CH ₄ -rich or CO ₂ -rich model atmosphere. <i>Origins of Life and Evolution of Biospheres</i> , 1984, 14, 145-150.	0.6	12
195	Differential coupling efficiency of chemically activated amino acid to tRNA. <i>Origins of Life and Evolution of Biospheres</i> , 1984, 14, 351-357.	0.6	2
196	The selection and coexistence of a plural number of primitive tRNAs and the origin of the genetic code. <i>Origins of Life and Evolution of Biospheres</i> , 1984, 14, 605-612.	0.6	5
197	Formation of amino acids from models of Titan and more oxidized atmospheres. <i>Origins of Life and Evolution of Biospheres</i> , 1982, 12, 307-310.	0.6	2
198	Catalytic mechanism of histone in peptide formation from phenylalanyl adenylate. <i>Origins of Life and Evolution of Biospheres</i> , 1982, 12, 355-359.	0.6	0

#	ARTICLE	IF	CITATIONS
199	Primitive Transfer RNA and Origin of Darwinian System. , 1981, , 457-464.		2
200	Effect of polynucleotides and a basic protein on the condensation of phenylalanyl adenylate. Origins of Life and Evolution of Biospheres, 1980, 10, 293-299.	0.6	7
201	Fluorescence Cross-Correlation Spectroscopy for Real-Time Monitoring of Exogenous DNA Behavior in Living Cells. , 0, , .		0