

Chan-Gi Pack

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,262
citations

201385

27
h-index

168136

53
g-index

95
all docs

95
docs citations

95
times ranked

4995
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free imaging and evaluation of characteristic properties of asthma-derived eosinophils using optical diffraction tomography. <i>Biochemical and Biophysical Research Communications</i> , 2022, 587, 42-48.	1.0	7
2	Fecal microbiota transplantation ameliorates atherosclerosis in mice with C1q/TNF-related protein 9 genetic deficiency. <i>Experimental and Molecular Medicine</i> , 2022, 54, 103-114.	3.2	25
3	FTIR study of the surface-ligand exchange reaction with glutathione on biocompatible rod-shaped CdSe/CdS semiconductor nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13356-13364.	1.3	4
4	Yeast beta-glucan mediates histone deacetylase 5-induced angiogenesis in vascular endothelial cells. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 556-567.	3.6	6
5	Confocal Laser Scanning Microscopy and Fluorescence Correlation Methods for the Evaluation of Molecular Interactions. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1310, 1-30.	0.8	4
6	Correlative Light and Electron Microscopy for Nanoparticle-Cell Interaction and Protein Localization. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1310, 115-132.	0.8	1
7	Immuno-gold Techniques in Biomedical Sciences. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1310, 133-152.	0.8	1
8	SLAC2B-dependent microtubule acetylation regulates extracellular matrix-mediated intracellular TM4SF5 traffic to the plasma membranes. <i>FASEB Journal</i> , 2021, 35, e21369.	0.2	2
9	miR-351-5p/Miro2 axis contributes to hippocampal neural progenitor cell death via unbalanced mitochondrial fission. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 643-656.	2.3	13
10	Quantitative analyses reveal extracellular dynamics of Wnt ligands in <i>Xenopus</i> embryos. <i>ELife</i> , 2021, 10, .	2.8	14
11	Poly(A)+ Sensing of Hybridization-Sensitive Fluorescent Oligonucleotide Probe Characterized by Fluorescence Correlation Methods. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6433.	1.8	0
12	Exosomal miR-1260b derived from non-small cell lung cancer promotes tumor metastasis through the inhibition of HIPK2. <i>Cell Death and Disease</i> , 2021, 12, 747.	2.7	29
13	Mobility of Nucleostemin in Live Cells Is Specifically Related to Transcription Inhibition by Actinomycin D and GTP-Binding Motif. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8293.	1.8	0
14	Interpretation of <i>XIAP</i> Variants of Uncertain Significance in Paediatric Patients with Refractory Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1291-1304.	0.6	4
15	Variably Sized and Multi-Colored Silica-Nanoparticles Characterized by Fluorescence Correlation Methods for Cellular Dynamics. <i>Materials</i> , 2021, 14, 19.	1.3	5
16	Application of quantitative cell imaging using label-free optical diffraction tomography. <i>Biophysics and Physicobiology</i> , 2021, 18, 244-253.	0.5	3
17	Smart Vitamin Micelles as Cancer Nanomedicines for Enhanced Intracellular Delivery of Doxorubicin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11298.	1.8	3
18	Characterizing Organelles in Live Stem Cells Using Label-Free Optical Diffraction Tomography. <i>Molecules and Cells</i> , 2021, 44, 851-860.	1.0	10

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19	Apolipoprotein E-mediated regulation of selenoprotein P transportation via exosomes. Cellular and Molecular Life Sciences, 2020, 77, 2367-2386.	2.4	17
20	SERS Effect on Spin-Coated Seeding of Tilted Au-ZnO Nanorods for Low-Cost Diagnosis. Materials, 2020, 13, 5321.	1.3	4
21	ADAR1 Suppresses Interferon Signaling in Gastric Cancer Cells by MicroRNA-302a-Mediated IRF9/STAT1 Regulation. International Journal of Molecular Sciences, 2020, 21, 6195.	1.8	13
22	RNA-binding protein NONO contributes to cancer cell growth and confers drug resistance as a theranostic target in TNBC. Theranostics, 2020, 10, 7974-7992.	4.6	42
23	Advances in Analysis of Biodistribution of Exosomes by Molecular Imaging. International Journal of Molecular Sciences, 2020, 21, 665.	1.8	131
24	Application of Quantitative Cell Imaging Using Label-free Optical Diffraction Tomography. Seibutsu Butsuri, 2020, 60, 352-355.	0.0	0
25	Deep Tumor Penetration of Drug-Loaded Nanoparticles by Click Reaction-Assisted Immune Cell Targeting Strategy. Journal of the American Chemical Society, 2019, 141, 13829-13840.	6.6	88
26	Exosomal PD-L1 promotes tumor growth through immune escape in non-small cell lung cancer. Experimental and Molecular Medicine, 2019, 51, 1-13.	3.2	194
27	Physicochemical Properties of Nucleoli in Live Cells Analyzed by Label-Free Optical Diffraction Tomography. Cells, 2019, 8, 699.	1.8	24
28	Mesenchymal stem cells prevent the progression of diabetic nephropathy by improving mitochondrial function in tubular epithelial cells. Experimental and Molecular Medicine, 2019, 51, 1-14.	3.2	39
29	Large-scale analysis of diffusional dynamics of proteins in living yeast cells using fluorescence correlation spectroscopy. Biochemical and Biophysical Research Communications, 2019, 520, 237-242.	1.0	2
30	Mitotic Chromosomes in Live Cells Characterized Using High-Speed and Label-Free Optical Diffraction Tomography. Cells, 2019, 8, 1368.	1.8	20
31	Diagnosis in a Preclinical Model of Bladder Pain Syndrome Using a Au/ZnO Nanorod-based SERS Substrate. Nanomaterials, 2019, 9, 224.	1.9	7
32	Optimization of ZnO Nanorod-Based Surface Enhanced Raman Scattering Substrates for Bio-Applications. Nanomaterials, 2019, 9, 447.	1.9	18
33	Safety and efficacy of a metal stent covered with a silicone membrane containing integrated silver particles in preventing biofilm and sludge formation in endoscopic drainage of malignant biliary obstruction: a phase 2 pilot study. Gastrointestinal Endoscopy, 2019, 90, 663-672.e2.	0.5	13
34	Global analysis of protein homomerization in <i>Saccharomyces cerevisiae</i> . Genome Research, 2019, 29, 135-145.	2.4	12
35	Novel Compound Heterozygote Mutation in <i>IL10RA</i> in a Patient With Very Early-Onset Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2019, 25, 498-509.	0.9	6
36	Transient Acceleration of Epidermal Growth Factor Receptor Dynamics Produces Higher-Order Signaling Clusters. Journal of Molecular Biology, 2018, 430, 1386-1401.	2.0	34

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37	Combinatory RNA-Sequencing Analyses Reveal a Dual Mode of Gene Regulation by ADAR1 in Gastric Cancer. <i>Digestive Diseases and Sciences</i> , 2018, 63, 1835-1850.	1.1	12
38	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
39	Label-free high-resolution 3-D imaging of gold nanoparticles inside live cells using optical diffraction tomography. <i>Methods</i> , 2018, 136, 160-167.	1.9	38
40	Assembly of protein complexes restricts diffusion of Wnt3a proteins. <i>Communications Biology</i> , 2018, 1, 165.	2.0	23
41	Estrogen-related receptor gamma functions as a tumor suppressor in gastric cancer. <i>Nature Communications</i> , 2018, 9, 1920.	5.8	85
42	Extracellular vesicle-derived DNA for performing EGFR genotyping of NSCLC patients. <i>Molecular Cancer</i> , 2018, 17, 15.	7.9	57
43	Integrative microendoscopic system combined with conventional microscope for live animal tissue imaging. <i>Journal of Biophotonics</i> , 2018, 11, e201800206.	1.1	5
44	Protective role of endogenous plasmalogens against hepatic steatosis and steatohepatitis in mice. <i>Hepatology</i> , 2017, 66, 416-431.	3.6	61
45	Dynamic and coordinated single-molecular interactions at TM4SF5-enriched microdomains guide invasive behaviors in 2- and 3-dimensional environments. <i>FASEB Journal</i> , 2017, 31, 1461-1481.	0.2	26
46	Light-Induced Fluorescence Modulation of Quantum Dot-Crystal Violet Conjugates: Stochastic Off-On-Off Cycles for Multicolor Patterning and Super-Resolution. <i>Journal of the American Chemical Society</i> , 2017, 139, 7603-7615.	6.6	24
47	A novel sphingomyelin/cholesterol domain-specific probe reveals the dynamics of the membrane domains during virus release and in Niemann-Pick type C. <i>FASEB Journal</i> , 2017, 31, 1301-1322.	0.2	34
48	An aniline bearing hemicyanine derivative serves as a mitochondria selective probe. <i>Dyes and Pigments</i> , 2017, 136, 467-472.	2.0	16
49	Heterogeneous interaction network of yeast prions and remodeling factors detected in live cells. <i>BMB Reports</i> , 2017, 50, 478-483.	1.1	7
50	In vivo stepwise immunomodulation using chitosan nanoparticles as a platform nanotechnology for cancer immunotherapy. <i>Scientific Reports</i> , 2016, 6, 38348.	1.6	55
51	Fabrication of a silver particle-integrated silicone polymer-covered metal stent against sludge and biofilm formation and stent-induced tissue inflammation. <i>Scientific Reports</i> , 2016, 6, 35446.	1.6	18
52	Analyses of the Dynamic Properties of Nuclear Lamins by Fluorescence Recovery After Photobleaching (FRAP) and Fluorescence Correlation Spectroscopy (FCS). <i>Methods in Molecular Biology</i> , 2016, 1411, 99-111.	0.4	8
53	Cortical Polarity of the RING Protein PAR-2 Is Maintained by Exchange Rate Kinetics at the Cortical-Cytoplasmic Boundary. <i>Cell Reports</i> , 2016, 16, 2156-2168.	2.9	25
54	Heat shock-induced interactions among nuclear HSFs detected by fluorescence cross-correlation spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 303-308.	1.0	7

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55	Peptide sequences converting polyglutamine into a prion in yeast. FEBS Journal, 2015, 282, 477-490.	2.2	0
56	Dynamic and unique nucleolar microenvironment revealed by fluorescence correlation spectroscopy. FASEB Journal, 2015, 29, 837-848.	0.2	19
57	Analysis of Quantum Rod Diffusion by Polarized Fluorescence Correlation Spectroscopy. Journal of Fluorescence, 2014, 24, 1371-1378.	1.3	8
58	Use of Engineered Nanoparticle-Based Fluorescence Methods for Live-Cell Phenomena. , 2014, , 153-169.		2
59	Interphase phosphorylation of lamin A. Journal of Cell Science, 2014, 127, 2683-96.	1.2	134
60	Quantitative live-cell imaging reveals spatio-temporal dynamics and cytoplasmic assembly of the 26S proteasome. Nature Communications, 2014, 5, 3396.	5.8	111
61	Diffusion Coefficients of CdSe/CdS Quantum Rods in Water Measured Using Polarized Fluorescence Correlation Spectroscopy. Journal of the Optical Society of Korea, 2014, 18, 598-604.	0.6	5
62	A bipolar functionality of Q/N-rich proteins: Lsm4 amyloid causes clearance of yeast prions. MicrobiologyOpen, 2013, 2, 415-430.	1.2	7
63	Heat shock instructs hESCs to exit from the self-renewal program through negative regulation of OCT4 by SAPK/JNK and HSF1 pathway. Stem Cell Research, 2013, 11, 1323-1334.	0.3	21
64	Photosystem II antenna phosphorylation-dependent protein diffusion determined by fluorescence correlation spectroscopy. Scientific Reports, 2013, 3, 2833.	1.6	20
65	The interaction of Hsp104 with yeast prion Sup35 as analyzed by fluorescence cross-correlation spectroscopy. Biochemical and Biophysical Research Communications, 2013, 442, 28-32.	1.0	6
66	Characterization of the Triplet State of Hybridization-Sensitive DNA Probe by Using Fluorescence Correlation Spectroscopy. Journal of Physical Chemistry A, 2013, 117, 27-33.	1.1	18
67	Proteome-wide discovery of mislocated proteins in cancer. Genome Research, 2013, 23, 1283-1294.	2.4	49
68	Flexible and dynamic nucleosome fiber in living mammalian cells. Nucleus, 2013, 4, 349-356.	0.6	42
69	Clearance of yeast eRF-3 prion [<i>PSI⁺</i>] by amyloid enlargement due to the imbalance between chaperone Ssa1 and cochaperone Sgt2. Translation, 2013, 1, e26574.	2.9	1
70	Radiationless deactivation of hybridization-sensitive DNA probe. Journal of Luminescence, 2012, 132, 2566-2571.	1.5	6
71	Microenvironments and different nanoparticle dynamics in living cells revealed by a standard nanoparticle. Journal of Controlled Release, 2012, 163, 315-321.	4.8	14
72	Local Nucleosome Dynamics Facilitate Chromatin Accessibility in Living Mammalian Cells. Cell Reports, 2012, 2, 1645-1656.	2.9	175

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73	Live cell single-molecule detection in systems biology. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2012, 4, 183-192.	6.6	21
74	Single-particle tracking of quantum dot-conjugated prion proteins inside yeast cells. Biochemical and Biophysical Research Communications, 2011, 405, 638-643.	1.0	18
75	[PSI ⁺] aggregate enlargement in <i>rnq1</i> nonprion domain mutants, leading to a loss of prion in yeast. Genes To Cells, 2011, 16, 576-589.	0.5	15
76	In vivo evidence for the fibrillar structures of Sup35 prions in yeast cells. Journal of Cell Biology, 2010, 190, 223-231.	2.3	65
77	Single mother-daughter pair analysis to clarify the diffusion properties of yeast prion Sup35 in guanidine-HCl-treated [<i>PSI⁺</i>] cells. Genes To Cells, 2009, 14, 1045-1054.	0.5	32
78	The A- and B-type nuclear lamin networks: microdomains involved in chromatin organization and transcription. Genes and Development, 2008, 22, 3409-3421.	2.7	433
79	Reciprocal interaction with G-actin and tropomyosin is essential for aquaporin-2 trafficking. Journal of Cell Biology, 2008, 182, 587-601.	2.3	86
80	1P346 Oxygen concentration measurements by a phosphorescence intensity correlation method(New) Tj ETQq0 0 0 rgBT /Overlock 10	0.0	0
81	Diffusion analysis of glucocorticoid receptor and antagonist effect in living cell nucleus. Experimental and Molecular Pathology, 2007, 82, 163-168.	0.9	9
82	Phosphorescence decay time measurements using intensity correlation spectroscopy. Experimental and Molecular Pathology, 2007, 82, 175-183.	0.9	1
83	Microenvironment and Effect of Energy Depletion in the Nucleus Analyzed by Mobility of Multiple Oligomeric EGFPs. Biophysical Journal, 2006, 91, 3921-3936.	0.2	126
84	Dynamics of yeast prion aggregates in single living cells. Genes To Cells, 2006, 11, 1085-1096.	0.5	46
85	Cytosolic chaperonin prevents polyglutamine toxicity with altering the aggregation state. Nature Cell Biology, 2006, 8, 1163-1169.	4.6	252
86	The regulator of the F1 motor: inhibition of rotation of cyanobacterial F1-ATPase by the ϵ subunit. EMBO Journal, 2006, 25, 4596-4604.	3.5	74
87	Interaction of a Small Heat Shock Protein of the Fission Yeast, <i>Schizosaccharomyces pombe</i> , with a Denatured Protein at Elevated Temperature. Journal of Biological Chemistry, 2005, 280, 32586-32593.	1.6	19
88	Effect of Electrostatic Interactions on the Binding of Charged Substrate to GroEL Studied by Highly Sensitive Fluorescence Correlation Spectroscopy. Biochemical and Biophysical Research Communications, 2000, 267, 300-304.	1.0	36
89	Fluorescence correlation spectroscopy analysis of the hydrophobic interactions of protein 4.1 with phosphatidyl serine liposomes. Biophysical Chemistry, 1999, 82, 149-155.	1.5	29
90	Analysis of interaction between chaperonin GroEL and its substrate using fluorescence correlation spectroscopy. Cytometry, 1999, 36, 247-253.	1.8	45