

Xionghong Fang

List of Publications by Year in descending order

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135
papers

7,578
citations

61984

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138
all docs

138
docs citations

138
times ranked

10220
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamers Generated from Cell-SELEX for Molecular Medicine: A Chemical Biology Approach. <i>Accounts of Chemical Research</i> , 2010, 43, 48-57.	15.6	701
2	Carbon Nanotubes as Molecular Transporters for Walled Plant Cells. <i>Nano Letters</i> , 2009, 9, 1007-1010.	9.1	482
3	Identification of Liver Cancer-Specific Aptamers Using Whole Live Cells. <i>Analytical Chemistry</i> , 2008, 80, 721-728.	6.5	300
4	Multihydroxylated [Gd@C82(OH)22]n Nanoparticles: Antineoplastic Activity of High Efficiency and Low Toxicity. <i>Nano Letters</i> , 2005, 5, 2050-2057.	9.1	281
5	Specific Capture and Release of Circulating Tumor Cells Using Aptamer-Modified Nanosubstrates. <i>Advanced Materials</i> , 2013, 25, 2368-2373.	21.0	274
6	Signaling Aptamer/Protein Binding by a Molecular Light Switch Complex. <i>Analytical Chemistry</i> , 2004, 76, 5230-5235.	6.5	246
7	Cell-Specific Internalization Study of an Aptamer from Whole Cell Selection. <i>Chemistry - A European Journal</i> , 2008, 14, 1769-1775.	3.3	230
8	Polar Solvent Induced Lattice Distortion of Cubic CsPbI ₃ Nanocubes and Hierarchical Self-Assembly into Orthorhombic Single-Crystalline Nanowires. <i>Journal of the American Chemical Society</i> , 2018, 140, 11705-11715.	13.7	223
9	Molecular Aptamer for Real-Time Oncoprotein Platelet-Derived Growth Factor Monitoring by Fluorescence Anisotropy. <i>Analytical Chemistry</i> , 2001, 73, 5752-5757.	6.5	208
10	Homocysteine directly interacts and activates the angiotensin II type I receptor to aggravate vascular injury. <i>Nature Communications</i> , 2018, 9, 11.	12.8	184
11	Recognition of subtype non-small cell lung cancer by DNA aptamers selected from living cells. <i>Analyst</i> , 2009, 134, 1808.	3.5	162
12	Study of the Inhibitory Effect of Water-Soluble Fullerenes on Plant Growth at the Cellular Level. <i>ACS Nano</i> , 2010, 4, 5743-5748.	14.6	158
13	Synthetic DNA Aptamers to Detect Protein Molecular Variants in a High-Throughput Fluorescence Quenching Assay. <i>ChemBioChem</i> , 2003, 4, 829-834.	2.6	152
14	Long-distance intercellular connectivity between cardiomyocytes and cardiofibroblasts mediated by membrane nanotubes. <i>Cardiovascular Research</i> , 2011, 92, 39-47.	3.8	152
15	Single-Molecule Fluorescence Imaging in Living Cells. <i>Annual Review of Physical Chemistry</i> , 2013, 64, 459-480.	10.8	148
16	TINY, a Dehydration-responsive Element (DRE)-binding Protein-like Transcription Factor Connecting the DRE- and Ethylene-responsive Element-mediated Signaling Pathways in Arabidopsis. <i>Journal of Biological Chemistry</i> , 2008, 283, 6261-6271.	3.4	145
17	Using Molecular Beacons To Probe Molecular Interactions between Lactate Dehydrogenase and Single-Stranded DNA. <i>Analytical Chemistry</i> , 2000, 72, 3280-3285.	6.5	132
18	Enhanced and Differential Capture of Circulating Tumor Cells from Lung Cancer Patients by Microfluidic Assays Using Aptamer Cocktail. <i>Small</i> , 2016, 12, 1072-1081.	10.0	114

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19	Specific Aptamer-Protein Interaction Studied by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2003, 75, 2112-2116.	6.5	111
20	Aptamer-conjugated nanomaterials for specific cancer cell recognition and targeted cancer therapy. <i>NPG Asia Materials</i> , 2014, 6, e95-e95.	7.9	111
21	Single-molecule imaging reveals transforming growth factor- β -induced type II receptor dimerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15679-15683.	7.1	108
22	Single-Molecule Detection of Proteins Using Aptamer-Functionalized Molecular Electronic Devices. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2496-2502.	13.8	100
23	TGF- β signalling is mediated by two autonomously functioning T β RI:T β RII pairs. <i>EMBO Journal</i> , 2011, 30, 1263-1276.	7.8	98
24	Imaging Single Fluorescent Molecules at the Interface of an Optical Fiber Probe by Evanescent Wave Excitation. <i>Analytical Chemistry</i> , 1999, 71, 3101-3105.	6.5	87
25	Hypoxia-Activated PEGylated Conditional Aptamer/Antibody for Cancer Imaging with Improved Specificity. <i>Journal of the American Chemical Society</i> , 2019, 141, 18421-18427.	13.7	85
26	AFM and STM study of β -amyloid aggregation on graphite. <i>Ultramicroscopy</i> , 2003, 97, 73-79.	1.9	76
27	Metformin is a novel suppressor for transforming growth factor (TGF)- β 1. <i>Scientific Reports</i> , 2016, 6, 28597.	3.3	74
28	Fullerene-Induced Increase of Glycosyl Residue on Living Plant Cell Wall. <i>Environmental Science & Technology</i> , 2013, 47, 7490-7498.	10.0	72
29	Internalization of the TGF- β type I receptor into caveolin-1 and EEA1 double-positive early endosomes. <i>Cell Research</i> , 2015, 25, 738-752.	12.0	72
30	<i>Pseudomonas aeruginosa</i> quorum-sensing metabolite induces host immune cell death through cell surface lipid domain dissolution. <i>Nature Microbiology</i> , 2019, 4, 97-111.	13.3	71
31	Detection of oncoprotein platelet-derived growth factor using a fluorescent signaling complex of an aptamer and TOTO. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1175-1180.	3.7	69
32	Aptamer-based fluorescence polarization assay for separation-free exosome quantification. <i>Nanoscale</i> , 2019, 11, 10106-10113.	5.6	66
33	Intercellular Transportation of Quantum Dots Mediated by Membrane Nanotubes. <i>ACS Nano</i> , 2010, 4, 3015-3022.	14.6	62
34	Automated Stoichiometry Analysis of Single-Molecule Fluorescence Imaging Traces via Deep Learning. <i>Journal of the American Chemical Society</i> , 2019, 141, 6976-6985.	13.7	61
35	Molecular Beacons: Fluorogenic Probes for Living Cell Study. <i>Cell Biochemistry and Biophysics</i> , 2002, 37, 071-082.	1.8	59
36	Molecular Engineering-Based Aptamer-Drug Conjugates with Accurate Tunability of Drug Ratios for Drug Combination Targeted Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11661-11665.	13.8	59

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37	Single-Molecule Force Spectroscopy Study of Interaction between Transforming Growth Factor $\hat{1}^{21}$ and Its Receptor in Living Cells. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13619-13625.	2.6	52
38	Ultrastable Fluorescent Polymer Dots for Stimulated Emission Depletion Bioimaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800333.	7.3	50
39	Conformational Dynamics of an ATP-Binding DNA Aptamer: A Single-Molecule Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14994-15003.	2.6	48
40	Study of inhibition effect of Herceptin on interaction between Heregulin and ErbB Receptors HER3/HER2 by single-molecule force spectroscopy. <i>Experimental Cell Research</i> , 2009, 315, 2847-2855.	2.6	47
41	Monomeric type I and type III transforming growth factor- $\hat{1}^2$ receptors and their dimerization revealed by single-molecule imaging. <i>Cell Research</i> , 2010, 20, 1216-1223.	12.0	46
42	A single-molecule study of the inhibition effect of Naringenin on transforming growth factor- $\hat{1}^2$ ligandâ€™receptor binding. <i>Chemical Communications</i> , 2011, 47, 5440-5442.	4.1	46
43	Living cell study at the single-molecule and single-cell levels by atomic force microscopy. <i>Nanomedicine</i> , 2012, 7, 1625-1637.	3.3	44
44	Atomic force microscopy study of the effect of HER 2 antibody on EGF mediated ErbB ligandâ€™receptor interaction. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 627-635.	3.3	44
45	Energy Landscape of Aptamer/Protein Complexes Studied by Single-Molecule Force Spectroscopy. <i>Chemistry - an Asian Journal</i> , 2007, 2, 284-289.	3.3	43
46	Structural Effect and Mechanism of C ₇₀ -Carboxyfullerenes as Efficient Sensitizers against Cancer Cells. <i>Small</i> , 2012, 8, 2070-2077.	10.0	43
47	Hesperetin: An inhibitor of the transforming growth factor- $\hat{1}^2$ (TGF- $\hat{1}^2$) signaling pathway. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 390-395.	5.5	40
48	Enhanced Photodynamic Efficiency of an Aptamerâ€™Guided Fullerene Photosensitizer toward Tumor Cells. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2370-2376.	3.3	37
49	Single-molecule imaging and tracking of molecular dynamics in living cells. <i>National Science Review</i> , 2017, 4, 739-760.	9.5	37
50	Interaction between single molecules of Mac-1 and ICAM-1 in living cells: An atomic force microscopy study. <i>Experimental Cell Research</i> , 2007, 313, 3497-3504.	2.6	36
51	Elasticity of cardiac cells on the polymer substrates with different stiffness: an atomic force microscopy study. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7540.	2.8	36
52	Highly sensitive visual detection of copper (II) using water-soluble azide-functionalized gold nanoparticles and silver enhancement. <i>Biosensors and Bioelectronics</i> , 2014, 59, 40-44.	10.1	35
53	Lateral diffusion of TGF- $\hat{1}^2$ type I receptor studied by single-molecule imaging. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 67-71.	2.1	33
54	Single-molecule atomic force microscopy on live cells compares aptamer and antibody rupture forces. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 3205-3209.	3.7	33

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55	Investigation of the Interaction between a Bivalent Aptamer and Thrombin by AFM. <i>Langmuir</i> , 2012, 28, 707-713.	3.5	32
56	A Hydrodynamically Focused Stream as a Dynamic Template for Site-Specific Electrochemical Micropatterning of Conducting Polymers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1072-1075.	13.8	31
57	Single-Molecule Study of Lateral Mobility of Epidermal Growth Factor Receptor 2/HER2 on Activation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 4140-4145.	2.6	31
58	Single-molecule diffusion study of activated EGFR implicates its endocytic pathway. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 730-734.	2.1	30
59	A Microwell-Assisted Multiaptamer Immunomagnetic Platform for Capture and Genetic Analysis of Circulating Tumor Cells. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801231.	7.6	28
60	Photodegradable CuS SERS Probes for Intraoperative Residual Tumor Detection, Ablation, and Self-Clearance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23436-23444.	8.0	28
61	G-Quadruplex-Induced Liquid-Liquid Phase Separation in Biomimetic Protocells. <i>Journal of the American Chemical Society</i> , 2021, 143, 11036-11043.	13.7	27
62	Single-molecule dynamics of site-specific labeled transforming growth factor type II receptors on living cells. <i>Chemical Communications</i> , 2014, 50, 14724-14727.	4.1	26
63	Measuring specific interaction of transcription factor ZmDREB1A with its DNA responsive element at the molecular level. <i>Nucleic Acids Research</i> , 2004, 32, e101-e101.	14.5	25
64	Study of interaction between Smad7 and DNA by single-molecule force spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 1284-1287.	2.1	25
65	Fluorescent Polymer Dot-Based Multicolor Stimulated Emission Depletion Nanoscopy with a Single Laser Beam Pair for Cellular Tracking. <i>Analytical Chemistry</i> , 2020, 92, 12088-12096.	6.5	25
66	C ₇₀ -Carboxyfullerenes as Efficient Antioxidants to Protect Cells against Oxidative-Induced Stress. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11101-11107.	8.0	24
67	Proteasome-Independent Protein Knockdown by Small-Molecule Inhibitor for the Undruggable Lung Adenocarcinoma. <i>Journal of the American Chemical Society</i> , 2019, 141, 18492-18499.	13.7	24
68	Inhibition of Hepatitis C Virus Infection by DNA Aptamer against NS2 Protein. <i>PLoS ONE</i> , 2014, 9, e90333.	2.5	23
69	Nanomedicine enables spatiotemporally regulating macrophage-based cancer immunotherapy. <i>Biomaterials</i> , 2021, 268, 120552.	11.4	23
70	Protective Effect of C ₇₀ -Carboxyfullerene against Oxidative-Induced Stress on Postmitotic Muscle Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4328-4333.	8.0	22
71	Simultaneous Detection of Exosomal Membrane Protein and RNA by Highly Sensitive Aptamer Assisted Multiplexed-PCR. <i>ACS Applied Bio Materials</i> , 2020, 3, 2560-2567.	4.6	22
72	Photorelease of Pyridines Using a Metal-Free Photoremovable Protecting Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18386-18389.	13.8	22

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73	Single-Molecule Imaging of Protein Interactions and Dynamics. Annual Review of Analytical Chemistry, 2020, 13, 337-361.	5.4	22
74	Surface-Engineered Gold Nanoclusters for Stimulated Emission Depletion and Correlated Light and Electron Microscopy Imaging. Analytical Chemistry, 2022, 94, 3056-3064.	6.5	22
75	Inhibition of hepatitis C virus infection by NS5A-specific aptamer. Antiviral Research, 2014, 106, 116-124.	4.1	21
76	Plasmonic nanoplatform for point-of-care testing trace HCV core protein. Biosensors and Bioelectronics, 2020, 147, 111488.	10.1	21
77	Nanoscale imaging with an integrated system combining stimulated emission depletion microscope and atomic force microscope. Science Bulletin, 2013, 58, 4045-4050.	1.7	20
78	In situ observation of C60(C(COOH)2)2 interacting with living cells using fluorescence microscopy. Science Bulletin, 2006, 51, 1060-1064.	1.7	18
79	Single-molecule imaging reveals the stoichiometry change of β_2 -adrenergic receptors by a pharmacological biased ligand. Chemical Communications, 2016, 52, 7086-7089.	4.1	18
80	Single molecule study of binding force between transcription factor TINY and its DNA responsive element. Polymer, 2006, 47, 2533-2538.	3.8	17
81	Exonuclease I aided enzyme-linked aptamer assay for small-molecule detection. Analytical and Bioanalytical Chemistry, 2014, 406, 2949-2955.	3.7	17
82	Study of the interactions between endolysin and bacterial peptidoglycan on S. aureus by dynamic force spectroscopy. Nanoscale, 2015, 7, 15245-15250.	5.6	17
83	A new small cell lung cancer biomarker identified by Cell-SELEX generated aptamers. Experimental Cell Research, 2019, 382, 111478.	2.6	16
84	Single-molecule monitoring in living cells by use of fluorescence microscopy. Analytical and Bioanalytical Chemistry, 2013, 405, 43-49.	3.7	14
85	Cellular Internalization and Cytotoxicity of Aptamers Selected from Lung Cancer Cell. American Journal of Biomedical Sciences, 0, , 47-58.	0.2	14
86	Visualization of the post-Golgi vesicle-mediated transportation of TGF β 2 receptor II by quasi-TIRFM. Journal of Biophotonics, 2014, 7, 788-798.	2.3	14
87	Single-Molecule Imaging Reveals the Activation Dynamics of Intracellular Protein Smad3 on Cell Membrane. Scientific Reports, 2016, 6, 33469.	3.3	14
88	Computational design of peptide-Au cluster probe for sensitive detection of β 2-integrin. Nanoscale, 2016, 8, 4203-4208.	5.6	14
89	Quantitative Characterization of the Membrane Dynamics of Newly Delivered TGF- β 2 Receptors by Single-Molecule Imaging. Analytical Chemistry, 2018, 90, 4282-4287.	6.5	14
90	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. Chemical Science, 2021, 12, 5419-5429.	7.4	14

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91	A fluorescence aptasensor based on DNA charge transport for sensitive protein detection in serum. <i>Analyst</i> , The, 2011, 136, 4764.	3.5	13
92	Single-molecule imaging revealed enhanced dimerization of transforming growth factor β 2 type II receptors in hypertrophic cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 313-317.	2.1	13
93	Comparative Cytotoxicity Study of Water-Soluble Carbon Nanoparticles on Plant Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4478-4484.	0.9	13
94	Nanoscale Distribution of Transforming Growth Factor Receptor on Post-Golgi Vesicle Revealed by Super-resolution Microscopy. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3359-3364.	3.3	13
95	Study of the Effect of Metal Ion on the Specific Interaction between Protein and Aptamer by Atomic Force Microscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 611-615.	0.9	12
96	Super-resolution imaging and tracking of TGF- β 2 receptor II on living cells. <i>Science Bulletin</i> , 2016, 61, 632-638.	9.0	12
97	Single-molecule force spectroscopy study of interactions between angiotensin II type 1 receptor and different biased ligands in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3275-3284.	3.7	12
98	Molecular Engineering-Based Aptamer-Drug Conjugates with Accurate Tunability of Drug Ratios for Drug Combination Targeted Cancer Therapy. <i>Angewandte Chemie</i> , 2019, 131, 11787-11791.	2.0	12
99	Nanomechanical Characteristics of Cervical Cancer and Cervical Intraepithelial Neoplasia Revealed by Atomic Force Microscopy. <i>Medical Science Monitor</i> , 2017, 23, 4205-4213.	1.1	12
100	Study of the effect of atorvastatin on the interaction between ICAM-1 and CD11b by live-cell single-molecule force spectroscopy. <i>Science China Chemistry</i> , 2010, 53, 752-758.	8.2	11
101	Analysis of the Steps in Single-Molecule Photobleaching Traces by Using the Hidden Markov Model and Maximum-Likelihood Clustering. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2303-2308.	3.3	11
102	Aminated Fullerene Abrogates Cancer Cell Migration by Directly Targeting Myosin Heavy Chain 9. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56862-56873.	8.0	11
103	Characterization of Hepatitis C Virus Core Protein Dimerization by Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 4596-4602.	6.5	10
104	Quantitative single-molecule study of TGF- β 2/Smad signaling. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 51-59.	2.0	10
105	Use of zwitterionic buffer additives to improve the separation of proteins in capillary zone electrophoresis. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 749-752.	1.4	9
106	The effect of cigarette smoke extract on thrombomodulin-thrombin binding: an atomic force microscopy study. <i>Science China Life Sciences</i> , 2012, 55, 891-897.	4.9	9
107	Role of ICAM-1 polymorphisms (G241R, K469E) in mediating its single-molecule binding ability: Atomic force microscopy measurements on living cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 372-378.	2.1	9
108	Single-molecule imaging reveals the stoichiometry change of epidermal growth factor receptor during transactivation by β 2-adrenergic receptor. <i>Science China Chemistry</i> , 2017, 60, 1310-1317.	8.2	9

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109	Molecular Signaling Aptamers for Real-time Fluorescence Analysis of Protein. <i>IUBMB Life</i> , 2005, 57, 123-128.	3.4	8
110	Analysis of the Diffusivity Change from Single-Molecule Trajectories on Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 13390-13397.	6.5	8
111	Probing the dynamics of growth factor receptor by single-molecule fluorescence imaging. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 118, 95-102.	2.9	7
112	Single-molecule force spectroscopy study of the effect of cigarette carcinogens on thrombomodulin-thrombin interaction. <i>Science Bulletin</i> , 2016, 61, 1187-1194.	9.0	7
113	Study of β^2 -amyloid adsorption and aggregation on graphite by STM and AFM. <i>Science Bulletin</i> , 2003, 48, 437-440.	1.7	6
114	Analyzing protein dynamics from fluorescence intensity traces using unsupervised deep learning network. <i>Communications Biology</i> , 2020, 3, 669.	4.4	6
115	Photorelease of Pyridines Using a Metal-Free Photoremovable Protecting Group. <i>Angewandte Chemie</i> , 2020, 132, 18544-18547.	2.0	5
116	Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , 2021, 230, 122328.	5.5	5
117	Delaying photobleaching and recovering luminescence of a DNA molecular light switch in DNA analysis. <i>Analytical Biochemistry</i> , 2004, 329, 334-336.	2.4	4
118	Single-molecule fluorescence imaging of membrane-bound proteins for studies of cell signal transduction. <i>Science Bulletin</i> , 2011, 56, 1063-1067.	1.7	4
119	Special topic for "single-molecule, single-particle and single-cell bioimaging". <i>Science China Chemistry</i> , 2017, 60, 1265-1266.	8.2	4
120	Bionanoparticle-Based Delivery in Antihypertensive Vaccine Mediates DC Activation through Lipid Raft Reorganization. <i>Advanced Functional Materials</i> , 2020, 30, 2000346.	14.9	4
121	Direct Observation of the DNA Multimolecule Condensation with Fluorescence Microscopy. <i>Chemistry Letters</i> , 2003, 32, 80-81.	1.3	3
122	Atomic Force Microscopy Study of the Effects of Water-Soluble Fullerenes on the Elasticity of Living Plant Cells. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2388-2394.	3.3	3
123	Development of Integrated Atomic Force Microscopy and Fluorescence Microscopy for Single-Molecule Analysis in Living Cells. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 1813-1823.	1.7	3
124	Numerical Simulation of Surface-Enhanced Coherent Anti-Stokes Raman Scattering on Gold Nanoparticle Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2152-2156.	0.9	3
125	Fusion of clathrin and caveolae endocytic vesicles revealed by line-switching dual-color STED microscopy. <i>Journal of Innovative Optical Health Sciences</i> , 0, , 2150017.	1.0	3
126	Direct visualization of RecQ helicase-DNA interaction with fluorescence microscopy and atomic force microscopy. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 842-847.	6.1	2

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127	DNA nanomachines: monitoring molecular encounter dynamics in live cell membranes. National Science Review, 2018, 5, 300-301.	9.5	2
128	Evanescent energy in square and circular fibers. Journal of Mathematical Chemistry, 2000, 27, 251-265.	1.5	1
129	Tumor Cell Isolation: High Purity Prostate Circulating Tumor Cell Isolation by a Polymer Nanofiber-Embedded Microchip for Whole Exome Sequencing (Adv. Mater. 21/2013). Advanced Materials, 2013, 25, 2870-2870.	21.0	1
130	Ligand-Receptor Binding on Cell Membrane: Dynamic Force Spectroscopy Applications. Methods in Molecular Biology, 2019, 1886, 153-162.	0.9	1
131	N-(3-Oxododecanoyl) Homoserine Lactone Is a Generalizable Plasma Membrane Lipid-Ordered Domain Modifier. Frontiers in Physiology, 2021, 12, 758458.	2.8	1
132	Nucleic Acids: Chemistry, Nanotechnology, and Bioapplications Forum in Honor of Professor Weihong Tan on His 60th Birthday. ACS Applied Bio Materials, 2020, 3, 2543-2544.	4.6	0
133	Introduction to Aptamer and Cell-SELEX. , 2015, , 1-11.		0
134	Single-Molecule Fluorescence Imaging Reveals GABAB Receptor Aggregation State Changes. Frontiers in Chemistry, 2021, 9, 779940.	3.6	0
135	Coaxial illumination module of the stimulated-emission-depletion nanoscope. Optics Express, 2022, 30, 13481.	3.4	0