

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73 papers	1,102 citations	20 h-index	30 g-index
76 ext. papers	1,428 ext. citations	8 avg, IF	4.53 L-index

#	Paper	IF	Citations
73	CDCP1: A promising diagnostic biomarker and therapeutic target for human cancer.. <i>Life Sciences</i> , 2022 , 301, 120600	6.8	0
72	Innenrücktitelbild: A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility (Angew. Chem. 50/2021). <i>Angewandte Chemie</i> , 2021 , 133, 26615	3.6	
71	Insight into the Different Channel Proteins of Human Red Blood Cell Membranes Revealed by Combined dSTORM and AFM Techniques. <i>Analytical Chemistry</i> , 2021 , 93, 14113-14120	7.8	1
70	Membrane protein density determining membrane fusion revealed by dynamic fluorescence imaging. <i>Talanta</i> , 2021 , 226, 122091	6.2	1
69	The role of CD47-SIRPα immune checkpoint in tumor immune evasion and innate immunotherapy. <i>Life Sciences</i> , 2021 , 273, 119150	6.8	13
68	Conventional Molecular and Novel Structural Mechanistic Insights into Orderly Organelle Interactions. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 829-839	2.2	2
67	Organization of Protein Tyrosine Kinase-7 on Cell Membranes Characterized by Aptamer Probe-Based STORM Imaging. <i>Analytical Chemistry</i> , 2021 , 93, 936-945	7.8	4
66	A multidrug-resistant P-glycoprotein assembly revealed by tariquidar-probe's super-resolution imaging. <i>Nanoscale</i> , 2021 , 13, 16995-17002	7.7	2
65	Pseudoginsengonin DQ exerts antitumour activity against hypopharyngeal cancer cells by targeting the HIF-1/EGFR pathway. <i>Cancer Cell International</i> , 2021 , 21, 382	6.4	0
64	A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility. <i>Angewandte Chemie</i> , 2021 , 133, 26291	3.6	1
63	A DNA Molecular Robot that Autonomously Walks on the Cell Membrane to Drive Cell Motility. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26087-26095	16.4	6
62	Quantitatively mapping the interaction of HER2 and EGFR on cell membranes with peptide probes. <i>Nanoscale</i> , 2021 , 13, 17629-17637	7.7	0
61	Correlative dual-color dSTORM/AFM reveals protein clusters at the cytoplasmic side of human bronchial epithelium membranes. <i>Nanoscale</i> , 2020 , 12, 9950-9957	7.7	7
60	Cryo-EM structure of full-length Eynuclein amyloid fibril with Parkinson's disease familial A53T mutation. <i>Cell Research</i> , 2020 , 30, 360-362	24.7	39
59	Mechanical force regulation of YAP by F-actin and GPCR revealed by super-resolution imaging. <i>Nanoscale</i> , 2020 , 12, 2703-2714	7.7	15
58	Aptamer AS1411 utilized for super-resolution imaging of nucleolin. <i>Talanta</i> , 2020 , 217, 121037	6.2	8
57	Mechanistic Insights into Trop2 Clustering on Lung Cancer Cell Membranes Revealed by Super-resolution Imaging. <i>ACS Omega</i> , 2020 , 5, 32456-32465	3.9	1

56	Aspirin Reshapes Acetylomes in Inflammatory and Cancer Cells via CoA-Dependent and CoA-Independent Pathways. <i>Journal of Proteome Research</i> , 2020 , 19, 962-972	5.6	2
55	Developing substrate-based small molecule fluorescent probes for super-resolution fluorescent imaging of various membrane transporters. <i>Nanoscale Horizons</i> , 2020 , 5, 523-529	10.8	5
54	Quantitatively Mapping the Assembly Pattern of EpCAM on Cell Membranes with Peptide Probes. <i>Analytical Chemistry</i> , 2020 , 92, 1865-1873	7.8	13
53	Measurement of mechanical properties of naked cell membranes using atomic force microscope puncture test. <i>Talanta</i> , 2020 , 210, 120637	6.2	8
52	Size-Independent Transmembrane Transporting of Single Tetrahedral DNA Nanostructures. <i>Global Challenges</i> , 2020 , 4, 1900075	4.3	12
51	Application of an inhibitor-based probe to reveal the distribution of membrane PSMA in dSTORM imaging. <i>Chemical Communications</i> , 2020 , 56, 13241-13244	5.8	1
50	Development of small molecule inhibitor-based fluorescent probes for highly specific super-resolution imaging. <i>Nanoscale</i> , 2020 , 12, 21591-21598	7.7	6
49	Aging-associated changes in CD47 arrangement and interaction with thrombospondin-1 on red blood cells visualized by super-resolution imaging. <i>Aging Cell</i> , 2020 , 19, e13224	9.9	5
48	Variation of Trop2 on non-small-cell lung cancer and normal cell membranes revealed by super-resolution fluorescence imaging. <i>Talanta</i> , 2020 , 207, 120312	6.2	2
47	Structural Mechanism Analysis of Orderly and Efficient Vesicle Transport by High-Resolution Imaging and Fluorescence Tracking. <i>Analytical Chemistry</i> , 2020 , 92, 6555-6563	7.8	4
46	The structural characteristics of mononuclear-macrophage membrane observed by atomic force microscopy. <i>Journal of Structural Biology</i> , 2019 , 206, 314-321	3.4	2
45	Super-resolution imaging of cancer-associated carbohydrates using aptamer probes. <i>Nanoscale</i> , 2019 , 11, 14879-14886	7.7	6
44	The Mechanism of Nano-drug Delivery. <i>Current Pharmacology Reports</i> , 2019 , 5, 410-420	5.5	2
43	Using an RNA aptamer probe for super-resolution imaging of native EGFR. <i>Nanoscale Advances</i> , 2019 , 1, 291-298	5.1	15
42	Exploring the trans-membrane dynamic mechanisms of single polyamidoamine nano-drugs a "force tracing" technique.. <i>RSC Advances</i> , 2018 , 8, 8626-8630	3.7	6
41	Single glucose molecule transport process revealed by force tracing and molecular dynamics simulations. <i>Nanoscale Horizons</i> , 2018 , 3, 517-524	10.8	12
40	Aptamer-recognized carbohydrates on the cell membrane revealed by super-resolution microscopy. <i>Nanoscale</i> , 2018 , 10, 7457-7464	7.7	11
39	The structure and function of cell membranes studied by atomic force microscopy. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 73, 31-44	7.5	22

38	Evaluating the efficacy of the anticancer drug cetuximab by atomic force microscopy.. <i>RSC Advances</i> , 2018 , 8, 21793-21797	3.7	5
37	Mechanistic insights into GLUT1 activation and clustering revealed by super-resolution imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7033-7038	11.5	24
36	Inhibition of intrinsic coagulation improves safety and tumor-targeted drug delivery of cationic solid lipid nanoparticles. <i>Biomaterials</i> , 2018 , 156, 77-87	15.6	22
35	The Process of Wrapping Virus Revealed by a Force Tracing Technique and Simulations. <i>Advanced Science</i> , 2017 , 4, 1600489	13.6	15
34	Clustered localization of STAT3 during the cell cycle detected by super-resolution fluorescence microscopy. <i>Methods and Applications in Fluorescence</i> , 2017 , 5, 024004	3.1	4
33	Cell contact and pressure control of YAP localization and clustering revealed by super-resolution imaging. <i>Nanoscale</i> , 2017 , 9, 16993-17003	7.7	11
32	20(s)-Protopanaxadiol (PPD) increases the radiotherapy sensitivity of laryngeal carcinoma. <i>Food and Function</i> , 2017 , 8, 4469-4477	6.1	6
31	Super-resolution microscopy reveals the insulin-resistance-regulated reorganization of GLUT4 on plasma membranes. <i>Journal of Cell Science</i> , 2017 , 130, 396-405	5.3	16
30	Ginsenoside PPDs Antitumor Effect via Down-Regulation of mTOR Revealed by Super-Resolution Imaging. <i>Molecules</i> , 2017 , 22,	4.8	9
29	Progress in the Correlative Atomic Force Microscopy and Optical Microscopy. <i>Sensors</i> , 2017 , 17,	3.8	25
28	Systemic localization of seven major types of carbohydrates on cell membranes by dSTORM imaging. <i>Scientific Reports</i> , 2016 , 6, 30247	4.9	12
27	Enhanced dSTORM imaging using fluorophores interacting with cucurbituril. <i>Science China Chemistry</i> , 2016 , 59, 848-852	7.9	6
26	Mechanistic insights into the distribution of carbohydrate clusters on cell membranes revealed by dSTORM imaging. <i>Nanoscale</i> , 2016 , 8, 13611-9	7.7	8
25	Super-resolution imaging of STAT3 cellular clustering during nuclear transport. <i>RSC Advances</i> , 2016 , 6, 54597-54607	3.7	3
24	Nanoscale insights into full-length prion protein aggregation on model lipid membranes. <i>Chemical Communications</i> , 2016 , 52, 8533-6	5.8	3
23	Variation in Carbohydrates between Cancer and Normal Cell Membranes Revealed by Super-Resolution Fluorescence Imaging. <i>Advanced Science</i> , 2016 , 3, 1600270	13.6	27
22	Studying the dynamic mechanism of transporting a single drug carrier-polyamidoamine dendrimer through cell membranes by force tracing. <i>Nanoscale</i> , 2016 , 8, 18027-18031	7.7	14
21	Revealing the carbohydrate pattern on a cell surface by super-resolution imaging. <i>Nanoscale</i> , 2015 , 7, 3373-80	7.7	26

20	Ultrafast Tracking of a Single Live Virion During the Invagination of a Cell Membrane. <i>Small</i> , 2015 , 11, 2782-8	11	22
19	Real-time Imaging of Rabies Virus Entry into Living Vero cells. <i>Scientific Reports</i> , 2015 , 5, 11753	4.9	22
18	The structure and function of cell membranes examined by atomic force microscopy and single-molecule force spectroscopy. <i>Chemical Society Reviews</i> , 2015 , 44, 3617-38	58.5	100
17	Recording the dynamic endocytosis of single gold nanoparticles by AFM-based force tracing. <i>Nanoscale</i> , 2015 , 7, 7545-9	7.7	22
16	Revealing the cellular localization of STAT1 during the cell cycle by super-resolution imaging. <i>Scientific Reports</i> , 2015 , 5, 9045	4.9	9
15	Mechanistic insights into EGFR membrane clustering revealed by super-resolution imaging. <i>Nanoscale</i> , 2015 , 7, 2511-9	7.7	63
14	Cyano-substituted perylene diimides with linearly correlated LUMO levels. <i>Organic Letters</i> , 2014 , 16, 394-7	6.2	54
13	Regulation of EGFR nanocluster formation by ionic protein-lipid interaction. <i>Cell Research</i> , 2014 , 24, 959-77	7.7	77
12	Studying the mechanism of CD47-SIRP interactions on red blood cells by single molecule force spectroscopy. <i>Nanoscale</i> , 2014 , 6, 9951-4	7.7	11
11	Studying the nucleated mammalian cell membrane by single molecule approaches. <i>PLoS ONE</i> , 2014 , 9, e91595	3.7	25
10	Detection of carbohydrates on the surface of cancer and normal cells by topography and recognition imaging. <i>Chemical Communications</i> , 2013 , 49, 2980-2	5.8	13
9	The force of transporting a single amino acid into the living cell measured using atomic force microscopy. <i>Chemical Communications</i> , 2013 , 49, 8163-5	5.8	8
8	High-efficiency localization of Na(+)-K(+) ATPases on the cytoplasmic side by direct stochastic optical reconstruction microscopy. <i>Nanoscale</i> , 2013 , 5, 11582-6	7.7	20
7	A single-molecule force spectroscopy study of the interactions between lectins and carbohydrates on cancer and normal cells. <i>Nanoscale</i> , 2013 , 5, 3226-9	7.7	24
6	Synthesis and properties of naphthobisbenzothiophene diimides. <i>Organic Letters</i> , 2013 , 15, 1366-9	6.2	35
5	The study of single anticancer peptides interacting with HeLa cell membranes by single molecule force spectroscopy. <i>Nanoscale</i> , 2012 , 4, 1283-6	7.7	18
4	Recording force events of single quantum-dot endocytosis. <i>Chemical Communications</i> , 2011 , 47, 3377-9	5.8	30
3	Size-dependent endocytosis of single gold nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 8091-3	5.8	78

2 The Structural Characteristics of Cell Membrane Defined by Atomic Force Microscopy1-16

- 1 Spatio-temporal tracking the transporting of RNA nano-drugs: from transmembrane to intracellular delivery. *Nanoscale*,

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