

# Andrey S Klymchenko

## List of Publications by Year in descending order

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258  
papers

14,342  
citations

18887

64  
h-index

31191

106  
g-index

272  
all docs

272  
docs citations

272  
times ranked

13854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-like particles through nanoprecipitation of mixtures of polymers of opposite charge. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1786-1795.	5.0	5
2	Lanthanide-based bulky counterions against aggregation-caused quenching of dyes in fluorescent polymeric nanoparticles. <i>Aggregate</i> , 2022, 3, e130.	5.2	10
3	Dynamic tracing using ultra-bright labeling and multi-photon microscopy identifies endothelial uptake of poloxamer 188 coated poly(lactic-co-glycolic acid) nano-carriers in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102511.	1.7	5
4	Cardiac forces regulate zebrafish heart valve delamination by modulating Nfat signaling. <i>PLoS Biology</i> , 2022, 20, e3001505.	2.6	7
5	Modelling quenching mechanisms of disordered molecular systems in the presence of molecular aggregates. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1787-1794.	1.3	1
6	Dynamic covalent chemistry in live cells for organelle targeting and enhanced photodynamic action. <i>Chemical Science</i> , 2022, 13, 3652-3660.	3.7	10
7	Fluorescently Labeled Branched Copolymer Nanoparticles for <i>In Situ</i> Characterization of Nanovectors and Imaging of Cargo Release. <i>ACS Applied Nano Materials</i> , 2022, 5, 4241-4251.	2.4	2
8	Size-Selective Transfer of Lipid Nanoparticle-Based Drug Carriers Across the Blood Brain Barrier Via Vascular Occlusions Following Traumatic Brain Injury. <i>Small</i> , 2022, 18, e2200302.	5.2	15
9	Imaging and Measuring Vesicular Acidification with a Plasma Membrane-Targeted Ratiometric pH Probe. <i>Analytical Chemistry</i> , 2022, 94, 5996-6003.	3.2	13
10	Pre- and Postfunctionalization of Dye-Loaded Polymeric Nanoparticles for Preparation of FRET-Based Nanoprobes. <i>ACS Applied Polymer Materials</i> , 2022, 4, 44-53.	2.0	4
11	Amplified Fluorescence <i>In Situ</i> Hybridization by Small and Bright Dye-Loaded Polymeric Nanoparticles. <i>ACS Nano</i> , 2022, 16, 1381-1394.	7.3	11
12	Rational Design of Self-Quenched Rhodamine Dimers as Fluorogenic Aptamer Probes for Live-Cell RNA Imaging. <i>Analytical Chemistry</i> , 2022, 94, 6657-6664.	3.2	6
13	Advanced functional fluorescent probes for cell plasma membranes. <i>Current Opinion in Chemical Biology</i> , 2022, 69, 102161.	2.8	21
14	Anionic amphiphilic calixarenes for peptide assembly and delivery. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 270-278.	5.0	9
15	Assembly of Fluorescent Polymer Nanoparticles Using Different Microfluidic Mixers. <i>Langmuir</i> , 2022, 38, 7945-7955.	1.6	9
16	Preoperative endoscopic marking of the gastrointestinal tract using fluorescence imaging: submucosal indocyanine green tattooing versus a novel fluorescent over-the-scope clip in a survival experimental study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 5115-5123.	1.3	9
17	Simultaneous multipurpose fluorescence imaging with IRDye® 800BK during laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4840-4848.	1.3	6
18	Phase-selective staining of model and cell membranes, lipid droplets and lipoproteins with fluorescent solvatochromic pyrene probes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183470.	1.4	10

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19	Dye-Loaded Nanoemulsions: Biomimetic Fluorescent Nanocarriers for Bioimaging and Nanomedicine. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001289.	3.9	54
20	Drug-Sponge Lipid Nanocarrier for in Situ Cargo Loading and Release Using Dynamic Covalent Chemistry. <i>Angewandte Chemie</i> , 2021, 133, 6647-6654.	1.6	2
21	Drug-Sponge Lipid Nanocarrier for in Situ Cargo Loading and Release Using Dynamic Covalent Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6573-6580.	7.2	11
22	Size-Dependent Electroporation of Dye-Loaded Polymer Nanoparticles for Efficient and Safe Intracellular Delivery. <i>Small Methods</i> , 2021, 5, e2000947.	4.6	14
23	Tunable functionalization of nano-emulsions using amphiphilic polymers. <i>Soft Matter</i> , 2021, 17, 1788-1795.	1.2	3
24	Fluorescent labeling of biocompatible block copolymers: synthetic strategies and applications in bioimaging. <i>Materials Advances</i> , 2021, 2, 3213-3233.	2.6	19
25	Targeted Solvatochromic Fluorescent Probes for Imaging Lipid Order in Organelles under Oxidative and Mechanical Stress. <i>Journal of the American Chemical Society</i> , 2021, 143, 912-924.	6.6	160
26	Intraoperative ureter identification with a novel fluorescent catheter. <i>Scientific Reports</i> , 2021, 11, 4501.	1.6	10
27	Fluorogenic Squaraine Dendrimers for Background-Free Imaging of Integrin Receptors in Cancer Cells. <i>Chemistry - A European Journal</i> , 2021, 27, 6795-6803.	1.7	0
28	Ultrabright Green-Emitting Nanoemulsions Based on Natural Lipids-BODIPY Conjugates. <i>Nanomaterials</i> , 2021, 11, 826.	1.9	4
29	Nile Red-Based GPCR Ligands as Ultrasensitive Probes of the Local Lipid Microenvironment of the Receptor. <i>ACS Chemical Biology</i> , 2021, 16, 651-660.	1.6	12
30	Enzyme-free amplified detection of cellular microRNA by light-harvesting fluorescent nanoparticle probes. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113084.	5.3	29
31	µIVC-Useq: a microfluidic-assisted high-throughput functional screening in tandem with next-generation sequencing and artificial neural network to rapidly characterize RNA molecules. <i>Rna</i> , 2021, 27, 841-853.	1.6	2
32	Ultrabright Fluorescent Polymeric Nanofibers and Coatings Based on Ionic Dye Insulation with Bulky Counterions. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 28889-28898.	4.0	18
33	Fluorescent nanocarriers targeting VCAM-1 for early detection of senescent endothelial cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 34, 102379.	1.7	12
34	Emerging solvatochromic push-pull dyes for monitoring the lipid order of biomembranes in live cells. <i>Journal of Biochemistry</i> , 2021, 170, 163-174.	0.9	24
35	Bulky Barbiturates as Non-Toxic Ionic Dye Insulators for Enhanced Emission in Polymeric Nanoparticles. <i>Chemistry - A European Journal</i> , 2021, 27, 12877-12883.	1.7	6
36	Probing Variations of Reduction Activity at the Plasma Membrane Using a Targeted Ratiometric FRET Probe. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40315-40324.	4.0	12

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37	Molecular organization in hydroperoxidized POPC bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183659.	1.4	12
38	Long-term STED imaging of membrane packing and dynamics by exchangeable polarity-sensitive dyes. <i>Biophysical Reports</i> , 2021, 1, 100023.	0.7	19
39	Live-cell imaging of the nucleolus and mapping mitochondrial viscosity with a dual function fluorescent probe. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3389-3395.	1.5	15
40	Near infrared emitting molecular rotor based on merocyanine for probing the viscosity of cellular lipid environments. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2459-2469.	3.2	16
41	Confronting molecular rotors and self-quenched dimers as fluorogenic BODIPY systems to probe biotin receptors in cancer cells. <i>Chemical Communications</i> , 2021, 57, 4807-4810.	2.2	5
42	Microcavity-Enhanced Fluorescence Energy Transfer from Quantum Dot Excited Whispering Gallery Modes to Acceptor Dye Nanoparticles. <i>ACS Nano</i> , 2021, 15, 1445-1453.	7.3	19
43	Counterion-insulated near-infrared dyes in biodegradable polymer nanoparticles for <i>in vivo</i> imaging. <i>Nanoscale Advances</i> , 2021, 4, 39-48.	2.2	10
44	A dimerization-based fluorogenic dye-aptamer module for RNA imaging in live cells. <i>Nature Chemical Biology</i> , 2020, 16, 69-76.	3.9	89
45	Hybrid fluorescent magnetic gastrojejunostomy: an experimental feasibility study in the porcine model and human cadaver. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1393-1400.	1.3	15
46	Zwitterionic Stealth Dye-Loaded Polymer Nanoparticles for Intracellular Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 117-125.	4.0	18
47	Simultaneous computer-assisted assessment of mucosal and serosal perfusion in a model of segmental colonic ischemia. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 4818-4827.	1.3	21
48	Near-infrared fluorescent coatings of medical devices for image-guided surgery. <i>Biomaterials</i> , 2020, 261, 120306.	5.7	22
49	Redesigning Solvatochromic Probe Laurdan for Imaging Lipid Order Selectively in Cell Plasma Membranes. <i>Analytical Chemistry</i> , 2020, 92, 14798-14805.	3.2	45
50	Stealth and Bright Monomolecular Fluorescent Organic Nanoparticles Based on Folded Amphiphilic Polymer. <i>ACS Nano</i> , 2020, 14, 13924-13937.	7.3	29
51	Ultrabright Fluorescent Polymeric Nanoparticles with a Stealth Pluronic Shell for Live Tracking in the Mouse Brain. <i>ACS Nano</i> , 2020, 14, 9755-9770.	7.3	48
52	Ionic Aggregation-Induced Emission: Ionic Aggregation-Induced Emission: Bulky Hydrophobic Counterions Light Up Dyes in Polymeric Nanoparticles ( <i>Advanced Optical Materials</i> 14/2020). <i>Advanced Optical Materials</i> , 2020, 8, 2070058.	3.6	1
53	Oxygen Sensing: Ratiometric Nanoparticle Probe Based on FRET-Amplified Phosphorescence for Oxygen Sensing with Minimal Phototoxicity ( <i>Small</i> 32/2020). <i>Small</i> , 2020, 16, 2070176.	5.2	0
54	Smartphone-assisted detection of nucleic acids by light-harvesting FRET-based nanoprobe. <i>Biosensors and Bioelectronics</i> , 2020, 168, 112515.	5.3	35

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55	Time-resolved MIET measurements of blood platelet spreading and adhesion. <i>Nanoscale</i> , 2020, 12, 21306-21315.	2.8	13
56	Ionic Aggregation-Induced Emission: Bulky Hydrophobic Counterions Light Up Dyes in Polymeric Nanoparticles. <i>Advanced Optical Materials</i> , 2020, 8, 2000027.	3.6	18
57	A near-infrared fluorogenic dimer enables background-free imaging of endogenous GPCRs in living mice. <i>Chemical Science</i> , 2020, 11, 6824-6829.	3.7	15
58	Near infrared fluorogenic probe as a prodrug model for evaluating cargo release by nanoemulsions. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5938-5944.	2.9	7
59	Development of a thermosensitive statin loaded chitosan-based hydrogel promoting bone healing. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119534.	2.6	23
60	Polarity Mapping of Cells and Embryos by Improved Fluorescent Solvatochromic Pyrene Probe. <i>Analytical Chemistry</i> , 2020, 92, 6512-6520.	3.2	56
61	Lipid-core/polymer-shell hybrid nanoparticles: synthesis and characterization by fluorescence labeling and electrophoresis. <i>Soft Matter</i> , 2020, 16, 4173-4181.	1.2	19
62	Probing biotin receptors in cancer cells with rationally designed fluorogenic squaraine dimers. <i>Chemical Science</i> , 2020, 11, 8240-8248.	3.7	34
63	Further insights into release mechanisms from nano-emulsions, assessed by a simple fluorescence-based method. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 768-778.	5.0	8
64	Ratiometric Nanoparticle Probe Based on FRET-Amplified Phosphorescence for Oxygen Sensing with Minimal Phototoxicity. <i>Small</i> , 2020, 16, e2002494.	5.2	41
65	Molecular Tuning of Styryl Dyes Leads to Versatile and Efficient Plasma Membrane Probes for Cell and Tissue Imaging. <i>Bioconjugate Chemistry</i> , 2020, 31, 875-883.	1.8	32
66	Light-Harvesting Nanoparticle Probes for FRET-Based Detection of Oligonucleotides with Single-Molecule Sensitivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6811-6818.	7.2	75
67	Light-Harvesting Nanoparticle Probes for FRET-Based Detection of Oligonucleotides with Single-Molecule Sensitivity. <i>Angewandte Chemie</i> , 2020, 132, 6878-6885.	1.6	21
68	Switchable Solvatochromic Probes for Live-Cell Super-Resolution Imaging of Plasma Membrane Organization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14920-14924.	7.2	110
69	Switchable Solvatochromic Probes for Live-Cell Super-Resolution Imaging of Plasma Membrane Organization. <i>Angewandte Chemie</i> , 2019, 131, 15062-15066.	1.6	31
70	BODIPY-loaded polymer nanoparticles: chemical structure of cargo defines leakage from nanocarrier in living cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5199-5210.	2.9	43
71	S-Palmitoylation of junctophilin-2 is critical for its role in tethering the sarcoplasmic reticulum to the plasma membrane. <i>Journal of Biological Chemistry</i> , 2019, 294, 13487-13501.	1.6	27
72	Ionic aggregation-induced emission dye with bulky counterions for preparation of bright near-infrared polymeric nanoparticles. <i>Nanoscale</i> , 2019, 11, 13977-13987.	2.8	26

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73	Agonist-induced membrane nanodomain clustering drives GLP-1 receptor responses in pancreatic beta cells. <i>PLoS Biology</i> , 2019, 17, e3000097.	2.6	61
74	Lanthanide-Complex-Loaded Polymer Nanoparticles for Background-Free Single-Particle and Live-Cell Imaging. <i>Chemistry of Materials</i> , 2019, 31, 4034-4041.	3.2	37
75	Controlling Size and Fluorescence of Dye-Loaded Polymer Nanoparticles through Polymer Design. <i>Langmuir</i> , 2019, 35, 7009-7017.	1.6	31
76	A fluorogenic BODIPY molecular rotor as an apoptosis marker. <i>Chemical Communications</i> , 2019, 55, 6902-6905.	2.2	46
77	Solvatochromic Near-Infrared Probe for Polarity Mapping of Biomembranes and Lipid Droplets in Cells under Stress. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2414-2421.	2.1	95
78	Optimizing the Fluorescence Properties of Nanoemulsions for Single Particle Tracking in Live Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13079-13090.	4.0	18
79	Studying the Fate of Tumor Extracellular Vesicles at High Spatiotemporal Resolution Using the Zebrafish Embryo. <i>Developmental Cell</i> , 2019, 48, 554-572.e7.	3.1	160
80	MemBright: A Family of Fluorescent Membrane Probes for Advanced Cellular Imaging and Neuroscience. <i>Cell Chemical Biology</i> , 2019, 26, 600-614.e7.	2.5	128
81	Probing Polarity and Heterogeneity of Lipid Droplets in Live Cells Using a Push-Pull Fluorophore. <i>Analytical Chemistry</i> , 2019, 91, 1928-1935.	3.2	100
82	Fighting Aggregation-Induced Quenching and Leakage of Dyes in Fluorescent Polymer Nanoparticles: Universal Role of Counterion. <i>Chemistry - an Asian Journal</i> , 2019, 14, 836-846.	1.7	92
83	BODIPY with Tuned Amphiphilicity as a Fluorogenic Plasma Membrane Probe. <i>Bioconjugate Chemistry</i> , 2019, 30, 192-199.	1.8	48
84	Spontaneous nano-emulsification with tailor-made amphiphilic polymers and related monomers. <i>European Journal of Pharmaceutical Research</i> , 2019, 1, 27-36.	1.0	5
85	Ultrafast photophysics of the environment-sensitive 4-methoxy-3-hydroxyflavone fluorescent dye. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7885-7895.	1.3	28
86	Ultrabright and Fluorogenic Probes for Multicolor Imaging and Tracking of Lipid Droplets in Cells and Tissues. <i>Journal of the American Chemical Society</i> , 2018, 140, 5401-5411.	6.6	294
87	Spectral STED Imaging of Cell Membranes. <i>Biophysical Journal</i> , 2018, 114, 16a.	0.2	0
88	Apoptosis and eryptosis: Striking differences on biomembrane level. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1362-1371.	1.4	27
89	In Vivo FRET Imaging to Predict the Risk Associated with Hepatic Accumulation of Squalene-Based Prodrug Nanoparticles. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700830.	3.9	22
90	Protein-Sized Dye-Loaded Polymer Nanoparticles for Free Particle Diffusion in Cytosol. <i>Advanced Functional Materials</i> , 2018, 28, 1805157.	7.8	44

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91	Recent Advances in Fluorescent Probes for Lipid Droplets. <i>Materials</i> , 2018, 11, 1768.	1.3	190
92	Quantifying Release from Lipid Nanocarriers by Fluorescence Correlation Spectroscopy. <i>ACS Omega</i> , 2018, 3, 14333-14340.	1.6	13
93	DNA-Functionalized Dye-Loaded Polymeric Nanoparticles: Ultrabright FRET Platform for Amplified Detection of Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 10856-10865.	6.6	119
94	Labeling nanoparticles: Dye leakage and altered cellular uptake. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 760-766.	1.1	80
95	A new method for the formulation of double nanoemulsions. <i>Soft Matter</i> , 2017, 13, 1660-1669.	1.2	28
96	Solvatochromic and Fluorogenic Dyes as Environment-Sensitive Probes: Design and Biological Applications. <i>Accounts of Chemical Research</i> , 2017, 50, 366-375.	7.6	848
97	Visualising the membrane viscosity of porcine eye lens cells using molecular rotors. <i>Chemical Science</i> , 2017, 8, 3523-3528.	3.7	71
98	Ca-NIR: a ratiometric near-infrared calcium probe based on a dihydroxanthene-hemicyanine fluorophore. <i>Chemical Communications</i> , 2017, 53, 6117-6120.	2.2	23
99	Light-triggered release from dye-loaded fluorescent lipid nanocarriers in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 414-421.	2.5	17
100	Conjugation of squalene to gemcitabine as unique approach exploiting endogenous lipoproteins for drug delivery. <i>Nature Communications</i> , 2017, 8, 15678.	5.8	86
101	Lipid nanocapsules maintain full integrity after crossing a human intestinal epithelium model. <i>Journal of Controlled Release</i> , 2017, 253, 11-18.	4.8	33
102	Functionalizing Nanoemulsions with Carboxylates: Impact on the Biodistribution and Pharmacokinetics in Mice. <i>Macromolecular Bioscience</i> , 2017, 17, 1600471.	2.1	26
103	Giant light-harvesting nanoantenna for single-molecule detection in ambient light. <i>Nature Photonics</i> , 2017, 11, 657-663.	15.6	133
104	PEGylated Red-Emitting Calcium Probe with Improved Sensing Properties for Neuroscience. <i>ACS Sensors</i> , 2017, 2, 1706-1712.	4.0	6
105	Turn-on Fluorene Push-Pull Probes with High Brightness and Photostability for Visualizing Lipid Order in Biomembranes. <i>ACS Chemical Biology</i> , 2017, 12, 3022-3030.	1.6	38
106	An aluminium-based fluorinated counterion for enhanced encapsulation and emission of dyes in biodegradable polymer nanoparticles. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2309-2316.	3.2	19
107	Quantitative assessment of energy transfer in upconverting nanoparticles grafted with organic dyes. <i>Nanoscale</i> , 2017, 9, 11994-12004.	2.8	32
108	Polarity-Sensitive Probes for Superresolution Stimulated Emission Depletion Microscopy. <i>Biophysical Journal</i> , 2017, 113, 1321-1330.	0.2	63



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109	A Toolbox of Chromones and Quinolones for Measuring a Wide Range of ATP Concentrations. <i>Chemistry - A European Journal</i> , 2017, 23, 11927-11934.	1.7	20
110	Caspase-3 activation decreases lipid order in the outer plasma membrane leaflet during apoptosis: A fluorescent probe study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2123-2132.	1.4	18
111	Fluorescent Polymer Nanoparticles for Cell Barcoding In Vitro and In Vivo. <i>Small</i> , 2017, 13, 1701582.	5.2	95
112	Tailoring Fluorescence Brightness and Switching of Nanoparticles through Dye Organization in the Polymer Matrix. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43030-43042.	4.0	61
113	Robust augmented reality registration method for localization of solid organsâ€™ tumors using CT-derived virtual biomechanical model and fluorescent fiducials. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 2863-2871.	1.3	49
114	Fluorescent Polymer Nanoparticles Based on Dyes: Seeking Brighter Tools for Bioimaging. <i>Small</i> , 2016, 12, 1968-1992.	5.2	487
115	Bright and photostable push-pull pyrene dye visualizes lipid order variation between plasma and intracellular membranes. <i>Scientific Reports</i> , 2016, 6, 18870.	1.6	137
116	Non-coordinating anions assemble cyanine amphiphiles into ultra-small fluorescent nanoparticles. <i>Chemical Communications</i> , 2016, 52, 7962-7965.	2.2	14
117	Proteinâ€™Sized Bright Fluorogenic Nanoparticles Based on Crossâ€™Linked Calixarene Micelles with Cyanine Corona. <i>Angewandte Chemie</i> , 2016, 128, 16116-16120.	1.6	12
118	Proteinâ€™Sized Bright Fluorogenic Nanoparticles Based on Crossâ€™Linked Calixarene Micelles with Cyanine Corona. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15884-15888.	7.2	45
119	Dye-doped silica nanoparticle probes for fluorescence lifetime imaging of reductive environments in living cells. <i>RSC Advances</i> , 2016, 6, 104164-104172.	1.7	12
120	Integrity of lipid nanocarriers in bloodstream and tumor quantified by near-infrared ratiometric FRET imaging in living mice. <i>Journal of Controlled Release</i> , 2016, 236, 57-67.	4.8	87
121	Pushâ€™pull dioxaborine as fluorescent molecular rotor: far-red fluorogenic probe for ligandâ€™receptor interactions. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3002-3009.	2.7	77
122	Neuronal Uptake and Neuroprotective Properties of Curcumin-Loaded Nanoparticles on SK-N-SH Cell Line: Role of Poly(lactide-co-glycolide) Polymeric Matrix Composition. <i>Molecular Pharmaceutics</i> , 2016, 13, 391-403.	2.3	53
123	Inter-nanocarrier and nanocarrier-to-cell transfer assays demonstrate the risk of an immediate unloading of dye from labeled lipid nanocapsules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 98, 47-56.	2.0	24
124	Exploiting Fast Exciton Diffusion in Dye-Doped Polymer Nanoparticles to Engineer Efficient Photoswitching. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2259-2264.	2.1	35
125	Solvatochromic Nile Red Probes with FRET Quencher Reveal Lipid Order Heterogeneity in Living and Apoptotic Cells. <i>ACS Chemical Biology</i> , 2015, 10, 1435-1442.	1.6	42
126	Fluorescence Lifetime Imaging of Membrane Lipid Order with a Ratiometric Fluorescent Probe. <i>Biophysical Journal</i> , 2015, 108, 2521-2531.	0.2	50



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127	Fluorescent Amino Acid Undergoing Excited State Intramolecular Proton Transfer for Site-Specific Probing and Imaging of Peptide Interactions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2585-2595.	1.2	54
128	Blue fluorogenic probes for cell plasma membranes fill the gap in multicolour imaging. <i>RSC Advances</i> , 2015, 5, 22899-22905.	1.7	38
129	Photopolymerized micelles of diacetylene amphiphile: physical characterization and cell delivery properties. <i>Chemical Communications</i> , 2015, 51, 11595-11598.	2.2	21
130	Microfluidic conceived Trojan microcarriers for oral delivery of nanoparticles. <i>International Journal of Pharmaceutics</i> , 2015, 493, 7-15.	2.6	18
131	Charge-Controlled Nanoprecipitation as a Modular Approach to Ultrasmall Polymer Nanocarriers: Making Bright and Stable Nanoparticles. <i>ACS Nano</i> , 2015, 9, 5104-5116.	7.3	107
132	Fluorinated counterion-enhanced emission of rhodamine aggregates: ultrabright nanoparticles for bioimaging and light-harvesting. <i>Nanoscale</i> , 2015, 7, 18198-18210.	2.8	74
133	Bright fluorogenic squaraines with tuned cell entry for selective imaging of plasma membrane vs. endoplasmic reticulum. <i>Chemical Communications</i> , 2015, 51, 17136-17139.	2.2	72
134	Functionalization of nano-emulsions with an amino-silica shell at the oil/water interface. <i>RSC Advances</i> , 2015, 5, 74353-74361.	1.7	22
135	Fluorogenic Squaraine Dimers with Polarity-Sensitive Folding As Bright Far-Red Probes for Background-Free Bioimaging. <i>Journal of the American Chemical Society</i> , 2015, 137, 405-412.	6.6	87
136	Introduction to Fluorescence Probing of Biological Membranes. <i>Methods in Molecular Biology</i> , 2015, 1232, 19-43.	0.4	21
137	Cationic amphiphilic calixarenes to compact DNA into small nanoparticles for gene delivery. <i>New Journal of Chemistry</i> , 2015, 39, 1654-1664.	1.4	46
138	Lipid Emulsions Differentially Affect LPS-Induced Acute Monocytes Inflammation: In Vitro Effects on Membrane Remodeling and Cell Viability. <i>Lipids</i> , 2014, 49, 1091-1099.	0.7	12
139	Red Fluorescent Turn-On Ligands for Imaging and Quantifying G Protein-Coupled Receptors in Living Cells. <i>ChemBioChem</i> , 2014, 15, 359-363.	1.3	47
140	Rational Design of a Solvatochromic Fluorescent Uracil Analogue with a Dual-Band Ratiometric Response Based on 3-Hydroxychromone. <i>Chemistry - A European Journal</i> , 2014, 20, 1998-2009.	1.7	45
141	Counterion-enhanced cyanine dye loading into lipid nano-droplets for single-particle tracking in zebrafish. <i>Biomaterials</i> , 2014, 35, 4950-4957.	5.7	60
142	Calixarenes and related macrocycles as gene delivery vehicles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 189-200.	0.9	35
143	Location, dynamics and solvent relaxation of a Nile red-based phase-sensitive fluorescent membrane probe. <i>Chemistry and Physics of Lipids</i> , 2014, 183, 1-8.	1.5	29
144	Monitoring Membrane Properties and Apoptosis Using Membrane Probes of the 3-Hydroxyflavone Family. <i>Methods in Molecular Biology</i> , 2014, 1076, 419-430.	0.4	1

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145	Tuning excited-state proton transfer dynamics of a 3-hydroxychromone dye in supramolecular complexes via host-guest steric compatibility. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 776-784.	1.3	25
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