

Fu-Gen Wu

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174
papers

6,114
citations

45
h-index

69
g-index

195
ext. papers

7,970
ext. citations

7.8
avg, IF

6.6
L-index

#	Paper	IF	Citations
174	Carbon Dot-Based Platform for Simultaneous Bacterial Distinguishment and Antibacterial Applications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32170-32181	9.5	200
173	Near-infrared light-controllable on-demand antibiotics release using thermo-sensitive hydrogel-based drug reservoir for combating bacterial infection. <i>Biomaterials</i> , 2019 , 188, 83-95	15.6	191
172	Fluorescent Carbon Quantum Dots with Intrinsic Nucleolus-Targeting Capability for Nucleolus Imaging and Enhanced Cytosolic and Nuclear Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10664-10677	9.5	186
171	Highly sensitive and selective detection of dopamine using one-pot synthesized highly photoluminescent silicon nanoparticles. <i>Analytical Chemistry</i> , 2015 , 87, 3360-5	7.8	185
170	On-off-on fluorescent nanosensor for Fe ³⁺ detection and cancer/normal cell differentiation via silicon-doped carbon quantum dots. <i>Carbon</i> , 2018 , 134, 232-243	10.4	167
169	Enhanced fluorescence of gold nanoclusters composed of HAuCl ₄ and histidine by glutathione: glutathione detection and selective cancer cell imaging. <i>Small</i> , 2014 , 10, 5170-7	11	145
168	Shape-Dependent Radiosensitization Effect of Gold Nanostructures in Cancer Radiotherapy: Comparison of Gold Nanoparticles, Nanospikes, and Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13037-13048	9.5	139
167	Quaternized Silicon Nanoparticles with Polarity-Sensitive Fluorescence for Selectively Imaging and Killing Gram-Positive Bacteria. <i>Advanced Functional Materials</i> , 2016 , 26, 5958-5970	15.6	117
166	Carbon quantum dots with intrinsic mitochondrial targeting ability for mitochondria-based theranostics. <i>Nanoscale</i> , 2017 , 9, 10948-10960	7.7	117
165	Bacteria-derived fluorescent carbon dots for microbial live/dead differentiation. <i>Nanoscale</i> , 2017 , 9, 2150-2161	7.7	116
164	Enzyme-Mediated Tumor Starvation and Phototherapy Enhance Mild-Temperature Photothermal Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1909391	15.6	108
163	Cholesterol-Assisted Bacterial Cell Surface Engineering for Photodynamic Inactivation of Gram-Positive and Gram-Negative Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15943-15951	9.5	99
162	Hydrogen bonding interactions between a representative pyridinium-based ionic liquid [BuPy][BF ₄] and water/dimethyl sulfoxide. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8689-700	3.4	97
161	Development of a Light-Controlled Nanoplatform for Direct Nuclear Delivery of Molecular and Nanoscale Materials. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4062-4070	16.4	96
160	Enhanced Radiosensitization of Gold Nanospikes via Hyperthermia in Combined Cancer Radiation and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28480-28494	9.5	94
159	Nucleolus-Targeted Red Emissive Carbon Dots with Polarity-Sensitive and Excitation-Independent Fluorescence Emission: High-Resolution Cell Imaging and in Vivo Tracking. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 32647-32658	9.5	92
158	Synthesis of ultrastable copper sulfide nanoclusters via trapping the reaction intermediate: potential anticancer and antibacterial applications. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7082-7092	9.5	91

157	Molecular Targeting-Mediated Mild-Temperature Photothermal Therapy with a Smart Albumin-Based Nanodrug. <i>Small</i> , 2019 , 15, e1900501	11	91
156	One-step synthesis of carbon dots with bacterial contact-enhanced fluorescence emission: Fast Gram-type identification and selective Gram-positive bacterial inactivation. <i>Carbon</i> , 2019 , 146, 827-839	10.4	91
155	One-Step Synthesis of Ultrasmall and Ultrabright Organosilica Nanodots with 100% Photoluminescence Quantum Yield: Long-Term Lysosome Imaging in Living, Fixed, and Permeabilized Cells. <i>Nano Letters</i> , 2018 , 18, 1159-1167	11.5	83
154	One-Step Synthesis of Superbright Water-Soluble Silicon Nanoparticles with Photoluminescence Quantum Yield Exceeding 80%. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500360	4.6	77
153	Mitochondria-targetable carbon quantum dots for differentiating cancerous cells from normal cells. <i>Nanoscale</i> , 2017 , 9, 18368-18378	7.7	74
152	A Glucose/Oxygen-Exhausting Nanoreactor for Starvation- and Hypoxia-Activated Sustainable and Cascade Chemo-Chemodynamic Therapy. <i>Small</i> , 2020 , 16, e2000897	11	73
151	Action of Gold Nanospikes-Based Nanoradiosensitizers: Cellular Internalization, Radiotherapy, and Autophagy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31526-31542	9.5	71
150	Hyperthermia-Promoted Cytosolic and Nuclear Delivery of Copper/Carbon Quantum Dot-Crosslinked Nanosheets: Multimodal Imaging-Guided Photothermal Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1544-1555	9.5	68
149	Two-Dimensional Materials for Antimicrobial Applications: Graphene Materials and Beyond. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3378-3410	4.5	66
148	Plasma membrane activatable polymeric nanotheranostics with self-enhanced light-triggered photosensitizer cellular influx for photodynamic cancer therapy. <i>Journal of Controlled Release</i> , 2017 , 255, 231-241	11.7	63
147	Photosensitizer (PS)/polyhedral oligomeric silsesquioxane (POSS)-crosslinked nanohybrids for enhanced imaging-guided photodynamic cancer therapy. <i>Nanoscale</i> , 2017 , 9, 12874-12884	7.7	57
146	Dual Channel Activatable Cyanine Dye for Mitochondrial Imaging and Mitochondria-Targeted Cancer Theranostics. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 3596-3606	5.5	57
145	Multifunctional quaternized carbon dots with enhanced biofilm penetration and eradication efficiencies. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5104-5114	7.3	57
144	Glutathione-Depleting Gold Nanoclusters for Enhanced Cancer Radiotherapy through Synergistic External and Internal Regulations. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10601-10606	9.5	55
143	Hydrogel-based phototherapy for fighting cancer and bacterial infection. <i>Science China Materials</i> , 2017 , 60, 487-503	7.1	54
142	Self-Assembled Rose Bengal-Exopolysaccharide Nanoparticles for Improved Photodynamic Inactivation of Bacteria by Enhancing Singlet Oxygen Generation Directly in the Solution. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 16715-16722	9.5	53
141	Metallophenolic Network-Based Nanocomplexes that Evoke Ferroptosis by Apoptosis: Promoted Nuclear Drug Influx and Reversed Drug Resistance of Cancer. <i>Chemistry of Materials</i> , 2019 , 31, 10071-10084	8.6	53
140	Construction of Dually Responsive Nanotransformers with Nanosphere-Nanofiber-Nanosphere Transition for Overcoming the Size Paradox of Anticancer Nanodrugs. <i>ACS Nano</i> , 2019 , 13, 11781-11792	16.7	52

139	Ultrasmall and photostable nanotheranostic agents based on carbon quantum dots passivated with polyamine-containing organosilane molecules. <i>Nanoscale</i> , 2017 , 9, 15441-15452	7.7	52
138	Water-Dispersible Candle Soot-Derived Carbon Nano-Onion Clusters for Imaging-Guided Photothermal Cancer Therapy. <i>Small</i> , 2019 , 15, e1804575	11	52
137	Carbon Dots for Sensing and Killing Microorganisms. <i>Journal of Carbon Research</i> , 2019 , 5, 33	3.3	50
136	Nanomaterials meet zebrafish: Toxicity evaluation and drug delivery applications. <i>Journal of Controlled Release</i> , 2019 , 311-312, 301-318	11.7	49
135	Efficient cell surface labelling of live zebrafish embryos: wash-free fluorescence imaging for cellular dynamics tracking and nanotoxicity evaluation. <i>Chemical Science</i> , 2019 , 10, 4062-4068	9.4	47
134	Fluorescent quantum dots for microbial imaging. <i>Chinese Chemical Letters</i> , 2018 , 29, 1475-1485	8.1	47
133	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. <i>Advanced Materials</i> , 2021 , 33, e2007356	24	47
132	Mitochondria-acting nanomicelles for destruction of cancer cells via excessive mitophagy/autophagy-driven lethal energy depletion and phototherapy. <i>Biomaterials</i> , 2020 , 232, 119668	15.6	46
131	Subcellular Fate of a Fluorescent Cholesterol-Poly(ethylene glycol) Conjugate: An Excellent Plasma Membrane Imaging Reagent. <i>Langmuir</i> , 2016 , 32, 10126-10135	4	46
130	Glutathione-Depleting Nanomedicines for Synergistic Cancer Therapy. <i>ACS Nano</i> , 2021 , 15, 8039-8068	16.7	45
129	Nonsynchronous change in the head and tail of dioctadecyldimethylammonium bromide molecules during the liquid crystalline to coagel phase transformation process. <i>Langmuir</i> , 2009 , 25, 13394-401	4	44
128	Different interfacial behaviors of peptides chemically immobilized on surfaces with different linker lengths and via different termini. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 2904-12	3.4	43
127	A β -glucosidase hyper-production <i>Trichoderma reesei</i> mutant reveals a potential role of cel3D in cellulase production. <i>Microbial Cell Factories</i> , 2016 , 15, 151	6.4	43
126	Metal-doped carbon nanoparticles with intrinsic peroxidase-like activity for colorimetric detection of HO and glucose. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 296-304	7.3	42
125	Plasma membrane-anchorable photosensitizing nanomicelles for lipid raft-responsive and light-controllable intracellular drug delivery. <i>Journal of Controlled Release</i> , 2018 , 286, 103-113	11.7	42
124	Universal Cell Surface Imaging for Mammalian, Fungal, and Bacterial Cells. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 987-997	5.5	42
123	Long-Time Plasma Membrane Imaging Based on a Two-Step Synergistic Cell Surface Modification Strategy. <i>Bioconjugate Chemistry</i> , 2016 , 27, 782-9	6.3	41
122	Enhanced Fluorescence Emission and Singlet Oxygen Generation of Photosensitizers Embedded in Injectable Hydrogels for Imaging-Guided Photodynamic Cancer Therapy. <i>Biomacromolecules</i> , 2017 , 18, 3073-3081	6.9	40

121	Turning double hydrophilic into amphiphilic: IR825-conjugated polymeric nanomicelles for near-infrared fluorescence imaging-guided photothermal cancer therapy. <i>Nanoscale</i> , 2018 , 10, 2115-2127	7.7	39
120	Imaging plasma membranes without cellular internalization: multisite membrane anchoring reagents based on glycol chitosan derivatives. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6165-6173	7.3	38
119	A graphene oxide-based switch-on fluorescent probe for glutathione detection and cancer diagnosis. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 511-520	9.3	38
118	Enhanced cell membrane enrichment and subsequent cellular internalization of quantum dots via cell surface engineering: illuminating plasma membranes with quantum dots. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 834-843	7.3	37
117	Endosome/lysosome-detained supramolecular nanogels as an efflux retarder and autophagy inhibitor for repeated photodynamic therapy of multidrug-resistant cancer. <i>Nanoscale Horizons</i> , 2020 , 5, 481-487	10.8	37
116	Ultrasmall All-In-One Nanodots Formed via Carbon Dot-Mediated and Albumin-Based Synthesis: Multimodal Imaging-Guided and Mild Laser-Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42077-42087	9.5	37
115	Platinum-doped carbon nanoparticles inhibit cancer cell migration under mild laser irradiation: Multi-organelle-targeted photothermal therapy. <i>Biomaterials</i> , 2018 , 183, 30-42	15.6	35
114	From perinuclear to intranuclear localization: A cell-penetrating peptide modification strategy to modulate cancer cell migration under mild laser irradiation and improve photothermal therapeutic performance. <i>Biomaterials</i> , 2019 , 223, 119443	15.6	35
113	Improving the Phototherapeutic Efficiencies of Molecular and Nanoscale Materials by Targeting Mitochondria. <i>Molecules</i> , 2018 , 23,	4.8	35
112	Smart Supramolecular "Trojan Horse"-Inspired Nanogels for Realizing Light-Triggered Nuclear Drug Influx in Drug-Resistant Cancer Cells. <i>Advanced Functional Materials</i> , 2019 , 29, 1807772	15.6	34
111	Interaction of Polyethylenimine with Model Cell Membranes Studied by Linear and Nonlinear Spectroscopic Techniques. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 12195-12205	3.8	33
110	Bacterial Template Synthesis of Multifunctional Nanospindles for Glutathione Detection and Enhanced Cancer-Specific Chemo-Chemodynamic Therapy. <i>Research</i> , 2020 , 2020, 9301215	7.8	33
109	Cyanine-Containing Polymeric Nanoparticles with Imaging/Therapy-Switchable Capability for Mitochondria-Targeted Cancer Theranostics. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2885-2897	5.6	33
108	A Water-Soluble, Green-Light Triggered, and Photo-Calibrated Nitric Oxide Donor for Biological Applications. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1194-1198	6.3	32
107	Antimicrobial carbon nanospheres. <i>Nanoscale</i> , 2017 , 9, 15786-15795	7.7	32
106	Dependence of Alamethicin Membrane Orientation on the Solution Concentration. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3358-3365	3.8	32
105	Regional cooperativity in the phase transitions of dipalmitoylphosphatidylcholine bilayers: the lipid tail triggers the isothermal crystallization process. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8559-68	3.4	32
104	Palladium nanosheet-knotted injectable hydrogels formed via palladium-sulfur bonding for synergistic chemo-photothermal therapy. <i>Nanoscale</i> , 2020 , 12, 210-219	7.7	31

103	Supramolecular Nanogel-Based Universal Drug Carriers Formed by Soft Hard Co-Assembly: Accurate Cancer Diagnosis and Hypoxia-Activated Cancer Therapy. <i>Advanced Therapeutics</i> , 2019 , 2, 1800140	4.9	30
102	Unfolding and refolding details of lysozyme in the presence of Casein micelles. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3429-36	3.6	30
101	Competitive molecular interaction among paeonol-loaded liposomes: differential scanning calorimetry and synchrotron X-ray diffraction studies. <i>International Journal of Pharmaceutics</i> , 2012 , 438, 91-7	6.5	28
100	Synthesis of ultrastable and multifunctional gold nanoclusters with enhanced fluorescence and potential anticancer drug delivery application. <i>Journal of Colloid and Interface Science</i> , 2015 , 455, 6-15	9.3	27
99	Formation and transformation of the subgel phase in dioctadecyldimethylammonium bromide aqueous dispersions. <i>Langmuir</i> , 2011 , 27, 2349-56	4	27
98	Acetonitrile induces nonsynchronous interdigitation and dehydration of dipalmitoylphosphatidylcholine bilayers. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12685-91	3.4	26
97	In Situ Visualization of Lipid Raft Domains by Fluorescent Glycol Chitosan Derivatives. <i>Langmuir</i> , 2016 , 32, 6739-45	4	25
96	Turning Toxicants into Safe Therapeutic Drugs: Cytolytic Peptide-Photosensitizer Assemblies for Optimized In Vivo Delivery of Melittin. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800380	10.1	25
95	Surface orientation control of site-specifically immobilized nitro-reductase (NfsB). <i>Langmuir</i> , 2014 , 30, 5930-8	4	25
94	One-Step Synthesis of Epoxy Group-Terminated Organosilica Nanodots: A Versatile Nanoplatfom for Imaging and Eliminating Multidrug-Resistant Bacteria and Their Biofilms. <i>Small</i> , 2019 , 15, e1901647	11	24
93	Lipid Fluid-Gel Phase Transition Induced Alamethicin Orientational Change Probed by Sum Frequency Generation Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17039-17049	3.8	24
92	Low-Temperature Photothermal Therapy: Strategies and Applications. <i>Research</i> , 2021 , 2021, 9816594	7.8	24
91	Copper Oxide Nanoparticles Induce Enhanced Radiosensitizing Effect via Destructive Autophagy. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 1569-1579	5.5	23
90	Investigation of Drug Model Cell Membrane Interactions Using Sum Frequency Generation Vibrational Spectroscopy: A Case Study of Chlorpromazine. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 17538-17548	3.8	23
89	Fluorescent artificial enzyme-linked immunoassay system based on Pd/C nanocatalyst and fluorescent chemodosimeter. <i>Analytical Chemistry</i> , 2013 , 85, 11602-9	7.8	23
88	Infrared spectroscopy reveals the nonsynchronicity phenomenon in the glassy to fluid micellar transition of DSPE-PEG2000 aqueous dispersions. <i>Langmuir</i> , 2010 , 26, 12777-84	4	23
87	Chemodynamic Therapy via Fenton and Fenton-Like Nanomaterials: Strategies and Recent Advances. <i>Small</i> , 2021 , e2103868	11	23
86	Folding Behaviors of Protein (Lysozyme) Confined in Polyelectrolyte Complex Micelle. <i>Langmuir</i> , 2016 , 32, 3655-64	4	22

85	Nonsynchronicity phenomenon observed during the lamellar-micellar phase transitions of 1-stearoyllysophosphatidylcholine dispersed in water. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2158-64	3.4	21
84	Rational Design of Self-Assembled Cationic Porphyrin-Based Nanoparticles for Efficient Photodynamic Inactivation of Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 54378-54386	9.5	21
83	Qualitative and Quantitative Analyses of the Molecular-Level Interaction between Memantine and Model Cell Membranes. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 17074-17083	3.8	20
82	Role of Cholesterol Conjugation in the Antibacterial Photodynamic Therapy of Branched Polyethylenimine-Containing Nanoagents. <i>Langmuir</i> , 2019 , 35, 14324-14331	4	19
81	Molecular interactions between amantadine and model cell membranes. <i>Langmuir</i> , 2014 , 30, 8491-9	4	19
80	Stepwise ordering of imidazolium-based cationic surfactants during cooling-induced crystallization. <i>Langmuir</i> , 2012 , 28, 7350-9	4	19
79	Intracellular Nanoparticle Formation and Hydroxychloroquine Release for Autophagy-Inhibited Mild-Temperature Photothermal Therapy for Tumors. <i>Advanced Functional Materials</i> , 2021 , 31, 2102832	15.6	19
78	Glycol Chitosan: A Water-Soluble Polymer for Cell Imaging and Drug Delivery. <i>Molecules</i> , 2019 , 24,	4.8	19
77	Colorimetric and test stripe-based assay of bacteria by using vancomycin-modified gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2019 , 281, 408-414	8.5	19
76	Colistin-Loaded Polydopamine Nanospheres Uniformly Decorated with Silver Nanodots: A Nanohybrid Platform with Improved Antibacterial and Antibiofilm Performance.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2438-2448	4.1	19
75	Crystallization from the micellar phase of imidazolium-based cationic surfactants. <i>Journal of Colloid and Interface Science</i> , 2012 , 374, 197-205	9.3	18
74	Interfacial Fresnel Coefficients and Molecular Structures of Model Cell Membranes: From a Lipid Monolayer to a Lipid Bilayer. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 28631-28639	3.8	18
73	A Photo-triggered and photo-calibrated nitric oxide donor: Rational design, spectral characterizations, and biological applications. <i>Free Radical Biology and Medicine</i> , 2018 , 123, 1-7	7.8	17
72	Comparative studies on the crystalline to fluid phase transitions of two equimolar cationic/anionic surfactant mixtures containing dodecylsulfonate and dodecylsulfate. <i>Langmuir</i> , 2011 , 27, 14740-7	4	17
71	Water mediates the metastable crystal-to-stable crystal phase transition process in phospholipid aqueous dispersion. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 869-72	3.4	17
70	Ultrasmall green-emitting carbon nanodots with 80% photoluminescence quantum yield for lysosome imaging. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	17
69	Tracking localization and secretion of cellulase spatiotemporally and directly in living. <i>Biotechnology for Biofuels</i> , 2019 , 12, 200	7.8	16
68	Cholesterol-Modified Dendrimers for Constructing a Tumor Microenvironment-Responsive Drug Delivery System. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6072-6081	5.5	16

67	Constitutive hyperproduction of sorbicillinoids in ZC121. <i>Biotechnology for Biofuels</i> , 2018 , 11, 291	7.8	16
66	Superbright organosilica nanodots as a universal sensor for fast discrimination and accurate quantification of live/dead cells. <i>Sensors and Actuators B: Chemical</i> , 2019 , 295, 49-55	8.5	15
65	Mechanism of the fast exchange between bound and free guests in cucurbit[7]uril-guest systems. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3638-41	3.6	15
64	Cell surface-localized imaging and sensing. <i>Chemical Society Reviews</i> , 2021 , 50, 6240-6277	58.5	15
63	Complexation of Lysozyme with Sodium Poly(styrenesulfonate) via the Two-State and Non-Two-State Unfoldings of Lysozyme. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14382-92	3.4	14
62	Photosensitizer-Doped and Plasma Membrane-Responsive Liposomes for Nuclear Drug Delivery and Multidrug Resistance Reversal. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 36882-36894	9.5	14
61	Conjugated Polymer-Based Photothermal Therapy for Killing Microorganisms. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4331-4344	4.3	14
60	Demixing and crystallization of DODAB in DPPC-DODAB binary mixtures. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 15307-18	3.6	13
59	Permeabilization-Tolerant Plasma Membrane Imaging Reagent Based on Amine-Rich Glycol Chitosan Derivatives. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 2570-2578	5.5	13
58	Endoplasmic reticulum-targeted phototherapy using one-step synthesized trace metal-doped carbon-dominated nanoparticles: Laser-triggered nucleolar delivery and increased tumor accumulation. <i>Acta Biomaterialia</i> , 2019 , 88, 462-476	10.8	12
57	A DSC study of paeonol-encapsulated liposomes, comparison the effect of cholesterol and stigmasterol on the thermotropic phase behavior of liposomes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 109, 311-316	4.1	12
56	Denaturation behaviors of two-state and non-two-state proteins examined by an interruption-incubation protocol. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8901-9	3.4	12
55	Sum Frequency Generation of Interfacial Lipid Monolayers Shows Polarization Dependence on Experimental Geometries. <i>Langmuir</i> , 2016 , 32, 7086-95	4	12
54	Naphthalimide-based multifunctional AIEgens: Selective, fast, and wash-free fluorescence tracking and identification of Gram-positive bacteria. <i>Analytica Chimica Acta</i> , 2021 , 1146, 41-52	6.6	12
53	Fluorescence studies on the interaction between chlorpromazine and model cell membranes. <i>New Journal of Chemistry</i> , 2017 , 41, 4048-4057	3.6	11
52	Mitochondrion- and nucleus-acting polymeric nanoagents for chemo-photothermal combination therapy. <i>Science China Materials</i> , 2020 , 63, 851-863	7.1	11
51	Selective recognition induced nanostructures in a cucurbit[7]uril-based host-guest system: micelles, nanorods and nanosheets. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8506-10	3.6	11
50	Effect of Imidazolium-Based Ionic Liquids on the Structure and Phase Behavior of Palmitoyl-oleoyl-phosphatidylethanolamine. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 5474-5482	3.4	10

49	Nano-bio interfaces probed by advanced optical spectroscopy: From model system studies to optical biosensors. <i>Science Bulletin</i> , 2013 , 58, 2537-2556		10
48	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14013-14021	16.4	10
47	Molecular-level pictures of the phase transitions of saturated and unsaturated phospholipid binary mixtures. <i>RSC Advances</i> , 2015 , 5, 726-733	3.7	9
46	Liquid Ordered Phase of Binary Mixtures Containing Dipalmitoylphosphatidylcholine and Sterols. <i>Acta Physico-chimica Sinica</i> , 2008 , 24, 1149-1154		9
45	Dissecting Cellular Function and Distribution of β -Glucosidases in <i>Trichoderma reesei</i> . <i>MBio</i> , 2021 , 12,	7.8	9
44	Orange-Emissive Sulfur-Doped Organosilica Nanodots for Metal Ion/Glutathione Detection and Normal/Cancer Cell Identification. <i>ACS Applied Nano Materials</i> , 2021 , 4, 6083-6092	5.6	8
43	Sequential Treatment of Cell Cycle Regulator and Nanoradiosensitizer Achieves Enhanced Radiotherapeutic Outcome.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2050-2059	4.1	7
42	Palladium Nanosheets as Safe Radiosensitizers for Radiotherapy. <i>Langmuir</i> , 2020 , 36, 11637-11644	4	7
41	Bilinear <i>Staphylococcus aureus</i> detection based on suspension immunoassay. <i>Talanta</i> , 2019 , 192, 154-159	2	7
40	Strategies for visualizing inflammation. <i>View</i> , 2021 , 2, 20200025	7.8	7
39	Rose Bengal-Derived Ultrabright Sulfur-Doped Carbon Dots for Fast Discrimination between Live and Dead Cells.. <i>Analytical Chemistry</i> , 2022 ,	7.8	7
38	Phase behavior of a binary lipid system containing long- and short-chain phosphatidylcholines. <i>RSC Advances</i> , 2017 , 7, 5715-5724	3.7	6
37	Controllable engineering of asymmetric phosphatidylserine-containing lipid vesicles using calcium cations. <i>Chemical Communications</i> , 2017 , 53, 12762-12765	5.8	6
36	Antibody-Incorporated Nanomedicines for Cancer Therapy.. <i>Advanced Materials</i> , 2022 , e2109210	24	6
35	High-dose rapamycin exerts a temporary impact on <i>T. reesei</i> RUT-C30 through gene trFKBP12. <i>Biotechnology for Biofuels</i> , 2021 , 14, 77	7.8	6
34	Photostable AIE probes for wash-free, ultrafast, and high-quality plasma membrane staining. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4303-4308	7.3	6
33	A dibenzothiophene core-based small-molecule AIE probe for wash-free and selective staining of lipid droplets in live mammalian and fungal cells. <i>Sensors and Actuators B: Chemical</i> , 2021 , 343, 130128	8.5	6
32	In situ unfolded lysozyme induces the lipid lateral redistribution of a mixed lipid model membrane. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 12381-8	3.4	5

31	Orange/red dual-emissive boron- and nitrogen-codoped carbon dots for wash-free and selective staining of lipid droplets in live cells. <i>Carbon</i> , 2022 , 191, 636-636	10.4	5
30	Emerging Single-Atom Catalysts/Nanozymes for Catalytic Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2021 , e2101682	10.1	5
29	Plasmon-coupled microcavity aptasensors for visual and ultra-sensitive simultaneous detection of Staphylococcus aureus and Escherichia coli. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 8117-8126	4.4	5
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