Fu-Gen Wu

List of Publications by Year in Descending Order

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	Endoplasmic reticulum stress promotes the release of exosomal PD-L1 from head and neck cancer cells and facilitates M2 macrophage polarization.. *Cell Communication and Signaling*, **2022**, 20, 12	7.5	2
173	Antibody-Incorporated Nanomedicines for Cancer Therapy.. *Advanced Materials*, **2022**, e2109210	24	6
172	Orange/red dual-emissive boron- and nitrogen-codoped carbon dots for wash-free and selective staining of lipid droplets in live cells. *Carbon*, **2022**, 191, 636-636	10.4	5
171	Rose Bengal-Derived Ultrabright Sulfur-Doped Carbon Dots for Fast Discrimination between Live and Dead Cells.. *Analytical Chemistry*, **2022**,	7.8	7
170	Plant-derived Ca, N, S-Doped carbon dots for fast universal cell imaging and intracellular Congo red detection.. *Analytica Chimica Acta*, **2022**, 1202, 339672	6.6	2
169	Super-Stable Chitosan-Based Nanoparticles for Broad-Spectrum Antimicrobial Photodynamic Therapy. *ACS Applied Polymer Materials*, **2022**, 4, 425-434	4.3	1
168	Carbon dots for multicolor cell imaging and ultra-sensitive detection of multiple ions in living cells: One Stone for multiple Birds.. *Environmental Research*, **2022**, 212, 113260	7.9	0
167	Transmembrane transport process and endoplasmic reticulum function facilitate the role of gene cel1b in cellulase production of Trichoderma reesei.. *Microbial Cell Factories*, **2022**, 21, 90	6.4	1
166	Intron retention coupled with nonsense-mediated decay is involved in cellulase biosynthesis in cellulolytic fungi. **2022**, 15, 53		0
165	Fluorescent dendrimer-based probes for cell membrane imaging: Zebrafish epidermal labeling-based toxicity evaluation. *Biosensors and Bioelectronics*, **2022**, 114403	11.8	2
164	Chemodynamic Therapy via Fenton and Fenton-Like Nanomaterials: Strategies and Recent Advances. *Small*, **2021**, e2103868	11	23
163	Emerging Single-Atom Catalysts/Nanozymes for Catalytic Biomedical Applications. *Advanced Healthcare Materials*, **2021**, e2101682	10.1	5
162	Glutamine involvement in nitrogen regulation of cellulase production in fungi. *Biotechnology for Biofuels*, **2021**, 14, 199	7.8	0
161	Thiolate-Assisted Route for Constructing Chalcogen Quantum Dots with Photoinduced Fluorescence Enhancement. *ACS Applied Materials & Interfaces*, **2021**, 13, 48449-48456	9.5	3
160	High-dose rapamycin exerts a temporary impact on T. reesei RUT-C30 through gene trFKBP12. *Biotechnology for Biofuels*, **2021**, 14, 77	7.8	6
159	Ultrasmall green-emitting carbon nanodots with 80% photoluminescence quantum yield for lysosome imaging. *Chinese Chemical Letters*, **2021**,	8.1	17
158	Nanomedicines for combating multidrug resistance of cancer. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2021**, 13, e1715	9.2	5

157	Polyphenol-Containing Nanoparticles: Synthesis, Properties, and Therapeutic Delivery. *Advanced Materials*, **2021**, 33, e2007356	24	47
156	Low-Temperature Photothermal Therapy: Strategies and Applications. *Research*, **2021**, 2021, 9816594	7.8	24
155	Glutathione-Depleting Nanomedicines for Synergistic Cancer Therapy. *ACS Nano*, **2021**, 15, 8039-8068	16.7	45
154	Dissecting Cellular Function and Distribution of Glucosidases in Trichoderma reesei. *MBio*, **2021**, 12,	7.8	9
153	Transition Mechanism from Nonlamellar to Well-Ordered Lamellar Phases: Is the Lamellar Liquid-Crystal Phase a Must?. *Journal of Physical Chemistry Letters*, **2021**, 12, 4484-4489	6.4	5
152	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. *Angewandte Chemie*, **2021**, 133, 14132-14140	3.6	2
151	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. *Angewandte Chemie - International Edition*, **2021**, 60, 14013-14021	16.4	10
150	Intracellular Nanoparticle Formation and Hydroxychloroquine Release for Autophagy-Inhibited Mild-Temperature Photothermal Therapy for Tumors. *Advanced Functional Materials*, **2021**, 31, 2102832	15.6	19
149	Orange-Emissive Sulfur-Doped Organosilica Nanodots for Metal Ion/Glutathione Detection and Normal/Cancer Cell Identification. *ACS Applied Nano Materials*, **2021**, 4, 6083-6092	5.6	8
148	Naphthalimide-based multifunctional AIEgens: Selective, fast, and wash-free fluorescence tracking and identification of Gram-positive bacteria. *Analytica Chimica Acta*, **2021**, 1146, 41-52	6.6	12
147	Strategies for visualizing inflammation. *View*, **2021**, 2, 20200025	7.8	7
146	Photostable AIE probes for wash-free, ultrafast, and high-quality plasma membrane staining. *Journal of Materials Chemistry B*, **2021**, 9, 4303-4308	7.3	6
145	Supra-Carbon Dots Formed by Fe-Driven Assembly for Enhanced Tumor-Specific Photo-Mediated and Chemodynamic Synergistic Therapy.. *ACS Applied Bio Materials*, **2021**, 4, 2759-2768	4.1	5
144	Repurposing Erythrocytes as a "Photoactivatable Bomb": A General Strategy for Site-Specific Drug Release in Blood Vessels. *Small*, **2021**, 17, e2100753	11	5
143	A dibenzothiophene core-based small-molecule AIE probe for wash-free and selective staining of lipid droplets in live mammalian and fungal cells. *Sensors and Actuators B: Chemical*, **2021**, 343, 130128	8.5	6
142	Cell surface-localized imaging and sensing. *Chemical Society Reviews*, **2021**, 50, 6240-6277	58.5	15
141	Fabrication of Asymmetric Phosphatidylserine-Containing Lipid Vesicles: A Study on the Effects of Size, Temperature, and Lipid Composition. *Langmuir*, **2020**, 36, 12684-12691	4	4
140	A Glucose/Oxygen-Exhausting Nanoreactor for Starvation- and Hypoxia-Activated Sustainable and Cascade Chemo-Chemodynamic Therapy. *Small*, **2020**, 16, e2000897	11	73

139	Mitochondrion- and nucleus-acting polymeric nanoagents for chemo-photothermal combination therapy. *Science China Materials*, **2020**, 63, 851-863	7.1	11
138	Enzyme-Mediated Tumor Starvation and Phototherapy Enhance Mild-Temperature Photothermal Therapy. *Advanced Functional Materials*, **2020**, 30, 1909391	15.6	108
137	Silicon Nanoparticles for Cell Imaging **2020**, 77-95		
136	Bacterial Template Synthesis of Multifunctional Nanospindles for Glutathione Detection and Enhanced Cancer-Specific Chemo-Chemodynamic Therapy. *Research*, **2020**, 2020, 9301215	7.8	33
135	Introduction: Fluorescent Materials for Cell Imaging **2020**, 1-15		2
134	Carbon Nanodots for Cell Imaging **2020**, 49-75		0
133	Endosome/lysosome-detained supramolecular nanogels as an efflux retarder and autophagy inhibitor for repeated photodynamic therapy of multidrug-resistant cancer. *Nanoscale Horizons*, **2020**, 5, 481-487	10.8	37
132	Palladium nanosheet-knotted injectable hydrogels formed via palladium-sulfur bonding for synergistic chemo-photothermal therapy. *Nanoscale*, **2020**, 12, 210-219	7.7	31
131	Mitochondria-acting nanomicelles for destruction of cancer cells via excessive mitophagy/autophagy-driven lethal energy depletion and phototherapy. *Biomaterials*, **2020**, 232, 119668	15.6	46
130	Photosensitizer-Doped and Plasma Membrane-Responsive Liposomes for Nuclear Drug Delivery and Multidrug Resistance Reversal. *ACS Applied Materials & Interfaces*, **2020**, 12, 36882-36894	9.5	14
129	Rational Design of Self-Assembled Cationic Porphyrin-Based Nanoparticles for Efficient Photodynamic Inactivation of Bacteria. *ACS Applied Materials & Interfaces*, **2020**, 12, 54378-54386	9.5	21
128	Cancer Therapy: A Glucose/Oxygen-Exhausting Nanoreactor for Starvation- and Hypoxia-Activated Sustainable and Cascade Chemo-Chemodynamic Therapy (Small 31/2020). *Small*, **2020**, 16, 2070174	11	
127	Novel Type of Water-Soluble Photosensitizer from for Photodynamic Inactivation of Gram-Positive Bacteria. *Langmuir*, **2020**, 36, 13227-13235	4	3
126	Plasmon-coupled microcavity aptasensors for visual and ultra-sensitive simultaneous detection of Staphylococcus aureus and Escherichia coli. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 8117-8126	4.4	5
125	Conjugated Polymer-Based Photothermal Therapy for Killing Microorganisms. *ACS Applied Polymer Materials*, **2020**, 2, 4331-4344	4.3	14
124	Palladium Nanosheets as Safe Radiosensitizers for Radiotherapy. *Langmuir*, **2020**, 36, 11637-11644	4	7
123	Colistin-Loaded Polydopamine Nanospheres Uniformly Decorated with Silver Nanodots: A Nanohybrid Platform with Improved Antibacterial and Antibiofilm Performance.. *ACS Applied Bio Materials*, **2020**, 3, 2438-2448	4.1	19
122	Nanomaterials meet zebrafish: Toxicity evaluation and drug delivery applications. *Journal of Controlled Release*, **2019**, 311-312, 301-318	11.7	49

121	Tracking localization and secretion of cellulase spatiotemporally and directly in living. *Biotechnology for Biofuels*, **2019**, 12, 200	7.8	16
120	Construction of Dually Responsive Nanotransformers with Nanosphere-Nanofiber-Nanosphere Transition for Overcoming the Size Paradox of Anticancer Nanodrugs. *ACS Nano*, **2019**, 13, 11781-11792	16.7	52
119	Role of Cholesterol Conjugation in the Antibacterial Photodynamic Therapy of Branched Polyethylenimine-Containing Nanoagents. *Langmuir*, **2019**, 35, 14324-14331	4	19
118	Cholesterol-Modified Dendrimers for Constructing a Tumor Microenvironment-Responsive Drug Delivery System. *ACS Biomaterials Science and Engineering*, **2019**, 5, 6072-6081	5.5	16
117	Metal-doped carbon nanoparticles with intrinsic peroxidase-like activity for colorimetric detection of HO and glucose. *Journal of Materials Chemistry B*, **2019**, 7, 296-304	7.3	42
116	Effect of Imidazolium-Based Ionic Liquids on the Structure and Phase Behavior of Palmitoyl-oleoyl-phosphatidylethanolamine. *Journal of Physical Chemistry B*, **2019**, 123, 5474-5482	3.4	10
115	Superbright organosilica nanodots as a universal sensor for fast discrimination and accurate quantification of live/dead cells. *Sensors and Actuators B: Chemical*, **2019**, 295, 49-55	8.5	15
114	Supramolecular Nanogels: Smart Supramolecular Trojan Horse-Inspired Nanogels for Realizing Light-Triggered Nuclear Drug Influx in Drug-Resistant Cancer Cells (Adv. Funct. Mater. 13/2019). *Advanced Functional Materials*, **2019**, 29, 1970085	15.6	2
113	Supramolecular Nanogel-Based Universal Drug Carriers Formed by Soft-Hard Co-Assembly: Accurate Cancer Diagnosis and Hypoxia-Activated Cancer Therapy. *Advanced Therapeutics*, **2019**, 2, 1800140	4.9	30
112	Sequential Treatment of Cell Cycle Regulator and Nanoradiosensitizer Achieves Enhanced Radiotherapeutic Outcome.. *ACS Applied Bio Materials*, **2019**, 2, 2050-2059	4.1	7
111	Efficient cell surface labelling of live zebrafish embryos: wash-free fluorescence imaging for cellular dynamics tracking and nanotoxicity evaluation. *Chemical Science*, **2019**, 10, 4062-4068	9.4	47
110	Copper Oxide Nanoparticles Induce Enhanced Radiosensitizing Effect via Destructive Autophagy. *ACS Biomaterials Science and Engineering*, **2019**, 5, 1569-1579	5.5	23
109	Endoplasmic reticulum-targeted phototherapy using one-step synthesized trace metal-doped carbon-dominated nanoparticles: Laser-triggered nucleolar delivery and increased tumor accumulation. *Acta Biomaterialia*, **2019**, 88, 462-476	10.8	12
108	Nucleolus-Targeted Red Emissive Carbon Dots with Polarity-Sensitive and Excitation-Independent Fluorescence Emission: High-Resolution Cell Imaging and in Vivo Tracking. *ACS Applied Materials & Interfaces*, **2019**, 11, 32647-32658	9.5	92
107	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. *Biomaterials*, **2019**, 223, 119443	15.6	35
106	Multifunctional quaternized carbon dots with enhanced biofilm penetration and eradication efficiencies. *Journal of Materials Chemistry B*, **2019**, 7, 5104-5114	7.3	57
105	Molecular Targeting-Mediated Mild-Temperature Photothermal Therapy with a Smart Albumin-Based Nanodrug. *Small*, **2019**, 15, e1900501	11	91
104	One-Step Synthesis of Epoxy Group-Terminated Organosilica Nanodots: A Versatile Nanoplatform for Imaging and Eliminating Multidrug-Resistant Bacteria and Their Biofilms. *Small*, **2019**, 15, e1901647	11	24

103	Carbon Dots for Sensing and Killing Microorganisms. *Journal of Carbon Research*, **2019**, 5, 33	3.3	50
102	Water-Dispersible Candle Soot-Derived Carbon Nano-Onion Clusters for Imaging-Guided Photothermal Cancer Therapy. *Small*, **2019**, 15, e1804575	11	52
101	One-step synthesis of carbon dots with bacterial contact-enhanced fluorescence emission: Fast Gram-type identification and selective Gram-positive bacterial inactivation. *Carbon*, **2019**, 146, 827-839	10.4	91
100	Metal–Phenolic Network-Based Nanocomplexes that Evoke Ferroptosis by Apoptosis: Promoted Nuclear Drug Influx and Reversed Drug Resistance of Cancer. *Chemistry of Materials*, **2019**, 31, 10071-10084	9.6	53
99	Glycol Chitosan: A Water-Soluble Polymer for Cell Imaging and Drug Delivery. *Molecules*, **2019**, 24,	4.8	19
98	Bilinear Staphylococcus aureus detection based on suspension immunoassay. *Talanta*, **2019**, 192, 154-159	6.2	7
97	Smart Supramolecular "Trojan Horse"-Inspired Nanogels for Realizing Light-Triggered Nuclear Drug Influx in Drug-Resistant Cancer Cells. *Advanced Functional Materials*, **2019**, 29, 1807772	15.6	34
96	Colorimetric and test stripe-based assay of bacteria by using vancomycin-modified gold nanoparticles. *Sensors and Actuators B: Chemical*, **2019**, 281, 408-414	8.5	19
95	Near-infrared light-controllable on-demand antibiotics release using thermo-sensitive hydrogel-based drug reservoir for combating bacterial infection. *Biomaterials*, **2019**, 188, 83-95	15.6	191
94	Fluorescent Carbon Quantum Dots with Intrinsic Nucleolus-Targeting Capability for Nucleolus Imaging and Enhanced Cytosolic and Nuclear Drug Delivery. *ACS Applied Materials & Interfaces*, **2018**, 10, 10664-10677	9.5	186
93	A Water-Soluble, Green-Light Triggered, and Photo-Calibrated Nitric Oxide Donor for Biological Applications. *Bioconjugate Chemistry*, **2018**, 29, 1194-1198	6.3	32
92	Self-Assembled Rose Bengal-Exopolysaccharide Nanoparticles for Improved Photodynamic Inactivation of Bacteria by Enhancing Singlet Oxygen Generation Directly in the Solution. *ACS Applied Materials & Interfaces*, **2018**, 10, 16715-16722	9.5	53
91	On-off-on fluorescent nanosensor for Fe3+ detection and cancer/normal cell differentiation via silicon-doped carbon quantum dots. *Carbon*, **2018**, 134, 232-243	10.4	167
90	Development of a Light-Controlled Nanoplatform for Direct Nuclear Delivery of Molecular and Nanoscale Materials. *Journal of the American Chemical Society*, **2018**, 140, 4062-4070	16.4	96
89	One-Step Synthesis of Ultrasmall and Ultrabright Organosilica Nanodots with 100% Photoluminescence Quantum Yield: Long-Term Lysosome Imaging in Living, Fixed, and Permeabilized Cells. *Nano Letters*, **2018**, 18, 1159-1167	11.5	83
88	Turning double hydrophilic into amphiphilic: IR825-conjugated polymeric nanomicelles for near-infrared fluorescence imaging-guided photothermal cancer therapy. *Nanoscale*, **2018**, 10, 2115-2127	7.7	39
87	Hyperthemia-Promoted Cytosolic and Nuclear Delivery of Copper/Carbon Quantum Dot-Crosslinked Nanosheets: Multimodal Imaging-Guided Photothermal Cancer Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 1544-1555	9.5	68
86	A Photo-triggered and photo-calibrated nitric oxide donor: Rational design, spectral characterizations, and biological applications. *Free Radical Biology and Medicine*, **2018**, 123, 1-7	7.8	17

85	Glutathione-Depleting Gold Nanoclusters for Enhanced Cancer Radiotherapy through Synergistic External and Internal Regulations. *ACS Applied Materials & Interfaces*, **2018**, 10, 10601-10606	9.5	55
84	Turning Toxicants into Safe Therapeutic Drugs: Cytolytic Peptide-Photosensitizer Assemblies for Optimized In Vivo Delivery of Melittin. *Advanced Healthcare Materials*, **2018**, 7, e1800380	10.1	25
83	A graphene oxide-based switch-on fluorescent probe for glutathione detection and cancer diagnosis. *Journal of Colloid and Interface Science*, **2018**, 530, 511-520	9.3	38
82	Fluorescent quantum dots for microbial imaging. *Chinese Chemical Letters*, **2018**, 29, 1475-1485	8.1	47
81	Two-Dimensional Materials for Antimicrobial Applications: Graphene Materials and Beyond. *Chemistry - an Asian Journal*, **2018**, 13, 3378-3410	4.5	66
80	Plasma membrane-anchorable photosensitizing nanomicelles for lipid raft-responsive and light-controllable intracellular drug delivery. *Journal of Controlled Release*, **2018**, 286, 103-113	11.7	42
79	Platinum-doped carbon nanoparticles inhibit cancer cell migration under mild laser irradiation: Multi-organelle-targeted photothermal therapy. *Biomaterials*, **2018**, 183, 30-42	15.6	35
78	Quantum Dots for Cancer Therapy and Bioimaging. *Nanomedicine and Nanotoxicology*, **2018**, 89-135	0.3	4
77	Improving the Phototherapeutic Efficiencies of Molecular and Nanoscale Materials by Targeting Mitochondria. *Molecules*, **2018**, 23,	4.8	35
76	Ultrasmall All-In-One Nanodots Formed via Carbon Dot-Mediated and Albumin-Based Synthesis: Multimodal Imaging-Guided and Mild Laser-Enhanced Cancer Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 42077-42087	9.5	37
75	Constitutive hyperproduction of sorbicillinoids in ZC121. *Biotechnology for Biofuels*, **2018**, 11, 291	7.8	16
74	Cyanine-Containing Polymeric Nanoparticles with Imaging/Therapy-Switchable Capability for Mitochondria-Targeted Cancer Theranostics. *ACS Applied Nano Materials*, **2018**, 1, 2885-2897	5.6	33
73	Plasma membrane activatable polymeric nanotheranostics with self-enhanced light-triggered photosensitizer cellular influx for photodynamic cancer therapy. *Journal of Controlled Release*, **2017** , 255, 231-241	11.7	63
72	Cholesterol-Assisted Bacterial Cell Surface Engineering for Photodynamic Inactivation of Gram-Positive and Gram-Negative Bacteria. *ACS Applied Materials & Interfaces*, **2017**, 9, 15943-15951	9.5	99
71	Fluorescence studies on the interaction between chlorpromazine and model cell membranes. *New Journal of Chemistry*, **2017**, 41, 4048-4057	3.6	11
70	Phase behavior of a binary lipid system containing long- and short-chain phosphatidylcholines. *RSC Advances*, **2017**, 7, 5715-5724	3.7	6
69	Photosensitizer (PS)/polyhedral oligomeric silsesquioxane (POSS)-crosslinked nanohybrids for enhanced imaging-guided photodynamic cancer therapy. *Nanoscale*, **2017**, 9, 12874-12884	7.7	57
68	Hydrogel-based phototherapy for fighting cancer and bacterial infection. *Science China Materials*, **2017**, 60, 487-503	7.1	54

67	Shape-Dependent Radiosensitization Effect of Gold Nanostructures in Cancer Radiotherapy: Comparison of Gold Nanoparticles, Nanospikes, and Nanorods. *ACS Applied Materials & Interfaces*, **2017**, 9, 13037-13048	9.5	139
66	Mitochondria-targetable carbon quantum dots for differentiating cancerous cells from normal cells. *Nanoscale*, **2017**, 9, 18368-18378	7.7	74
65	Dual Channel Activatable Cyanine Dye for Mitochondrial Imaging and Mitochondria-Targeted Cancer Theranostics. *ACS Biomaterials Science and Engineering*, **2017**, 3, 3596-3606	5.5	57
64	Enhanced Fluorescence Emission and Singlet Oxygen Generation of Photosensitizers Embedded in Injectable Hydrogels for Imaging-Guided Photodynamic Cancer Therapy. *Biomacromolecules*, **2017**, 18, 3073-3081	6.9	40
63	Ultrasmall and photostable nanotheranostic agents based on carbon quantum dots passivated with polyamine-containing organosilane molecules. *Nanoscale*, **2017**, 9, 15441-15452	7.7	52
62	Antimicrobial carbon nanospheres. *Nanoscale*, **2017**, 9, 15786-15795	7.7	32
61	Rose bengal-loaded injectable hydrogel with enhanced anticancer and antibacterial efficacy. *Journal of Controlled Release*, **2017**, 259, e147	11.7	1
60	Permeabilization-Tolerant Plasma Membrane Imaging Reagent Based on Amine-Rich Glycol Chitosan Derivatives. *ACS Biomaterials Science and Engineering*, **2017**, 3, 2570-2578	5.5	13
59	Action of Gold Nanospikes-Based Nanoradiosensitizers: Cellular Internalization, Radiotherapy, and Autophagy. *ACS Applied Materials & Interfaces*, **2017**, 9, 31526-31542	9.5	71
58	Controllable engineering of asymmetric phosphatidylserine-containing lipid vesicles using calcium cations. *Chemical Communications*, **2017**, 53, 12762-12765	5.8	6
57	Carbon quantum dots with intrinsic mitochondrial targeting ability for mitochondria-based theranostics. *Nanoscale*, **2017**, 9, 10948-10960	7.7	117
56	Bacteria-derived fluorescent carbon dots for microbial live/dead differentiation. *Nanoscale*, **2017**, 9, 2150-2161	7.7	116
55	Quaternized Silicon Nanoparticles with Polarity-Sensitive Fluorescence for Selectively Imaging and Killing Gram-Positive Bacteria. *Advanced Functional Materials*, **2016**, 26, 5958-5970	15.6	117
54	Carbon Dot-Based Platform for Simultaneous Bacterial Distinguishment and Antibacterial Applications. *ACS Applied Materials & Interfaces*, **2016**, 8, 32170-32181	9.5	200
53	In Situ Visualization of Lipid Raft Domains by Fluorescent Glycol Chitosan Derivatives. *Langmuir*, **2016**, 32, 6739-45	4	25
52	Long-Time Plasma Membrane Imaging Based on a Two-Step Synergistic Cell Surface Modification Strategy. *Bioconjugate Chemistry*, **2016**, 27, 782-9	6.3	41
51	Enhanced cell membrane enrichment and subsequent cellular internalization of quantum dots via cell surface engineering: illuminating plasma membranes with quantum dots. *Journal of Materials Chemistry B*, **2016**, 4, 834-843	7.3	37
50	Sum Frequency Generation of Interfacial Lipid Monolayers Shows Polarization Dependence on Experimental Geometries. *Langmuir*, **2016**, 32, 7086-95	4	12

49	Folding Behaviors of Protein (Lysozyme) Confined in Polyelectrolyte Complex Micelle. *Langmuir*, **2016**, 32, 3655-64	4	22
48	Universal Cell Surface Imaging for Mammalian, Fungal, and Bacterial Cells. *ACS Biomaterials Science and Engineering*, **2016**, 2, 987-997	5.5	42
47	Subcellular Fate of a Fluorescent Cholesterol-Poly(ethylene glycol) Conjugate: An Excellent Plasma Membrane Imaging Reagent. *Langmuir*, **2016**, 32, 10126-10135	4	46
46	A -glucosidase hyper-production Trichoderma reesei mutant reveals a potential role of cel3D in cellulase production. *Microbial Cell Factories*, **2016**, 15, 151	6.4	43
45	Enhanced Radiosensitization of Gold Nanospikes via Hyperthermia in Combined Cancer Radiation and Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2016**, 8, 28480-28494	9.5	94
44	Qualitative and Quantitative Analyses of the Molecular-Level Interaction between Memantine and Model Cell Membranes. *Journal of Physical Chemistry C*, **2015**, 119, 17074-17083	3.8	20
43	Synthesis of ultrastable copper sulfide nanoclusters via trapping the reaction intermediate: potential anticancer and antibacterial applications. *ACS Applied Materials & Interfaces*, **2015**, 7, 7082-92	9.5	91
42	Complexation of Lysozyme with Sodium Poly(styrenesulfonate) via the Two-State and Non-Two-State Unfoldings of Lysozyme. *Journal of Physical Chemistry B*, **2015**, 119, 14382-92	3.4	14
41	Imaging plasma membranes without cellular internalization: multisite membrane anchoring reagents based on glycol chitosan derivatives. *Journal of Materials Chemistry B*, **2015**, 3, 6165-6173	7.3	38
40	Electrochemical detection of DNA by using Pd/GO label copper stain for signal amplification. *Analytical Methods*, **2015**, 7, 8554-8560	3.2	2
39	Molecular-level pictures of the phase transitions of saturated and unsaturated phospholipid binary mixtures. *RSC Advances*, **2015**, 5, 726-733	3.7	9
38	Silicon Nanoparticles: One-Step Synthesis of Superbright Water-Soluble Silicon Nanoparticles with Photoluminescence Quantum Yield Exceeding 80% (Adv. Mater. Interfaces 16/2015). *Advanced Materials Interfaces*, **2015**, 2,	4.6	3
37	One-Step Synthesis of Superbright Water-Soluble Silicon Nanoparticles with Photoluminescence Quantum Yield Exceeding 80%. *Advanced Materials Interfaces*, **2015**, 2, 1500360	4.6	77
36	Synthesis of ultrastable and multifunctional gold nanoclusters with enhanced fluorescence and potential anticancer drug delivery application. *Journal of Colloid and Interface Science*, **2015**, 455, 6-15	9.3	27
35	Highly sensitive and selective detection of dopamine using one-pot synthesized highly photoluminescent silicon nanoparticles. *Analytical Chemistry*, **2015**, 87, 3360-5	7.8	185
34	Full picture of the thermotropic phase behavior of cardiolipin bilayer in water: identification of a metastable subgel phase. *RSC Advances*, **2014**, 4, 51171-51179	3.7	3
33	Demixing and crystallization of DODAB in DPPC-DODAB binary mixtures. *Physical Chemistry Chemical Physics*, **2014**, 16, 15307-18	3.6	13
32	Different interfacial behaviors of peptides chemically immobilized on surfaces with different linker lengths and via different termini. *Journal of Physical Chemistry B*, **2014**, 118, 2904-12	3.4	43

31	Molecular interactions between amantadine and model cell membranes. *Langmuir*, **2014**, 30, 8491-9	4	19
30	Enhanced fluorescence of gold nanoclusters composed of HAuCl4 and histidine by glutathione: glutathione detection and selective cancer cell imaging. *Small*, **2014**, 10, 5170-7	11	145
29	Investigation of Drug–Model Cell Membrane Interactions Using Sum Frequency Generation Vibrational Spectroscopy: A Case Study of Chlorpromazine. *Journal of Physical Chemistry C*, **2014**, 118, 17538-17548	3.8	23
28	Surface orientation control of site-specifically immobilized nitro-reductase (NfsB). *Langmuir*, **2014**, 30, 5930-8	4	25
27	Interaction of Polyethylenimine with Model Cell Membranes Studied by Linear and Nonlinear Spectroscopic Techniques. *Journal of Physical Chemistry C*, **2014**, 118, 12195-12205	3.8	33
26	Interfacial Fresnel Coefficients and Molecular Structures of Model Cell Membranes: From a Lipid Monolayer to a Lipid Bilayer. *Journal of Physical Chemistry C*, **2014**, 118, 28631-28639	3.8	18
25	Nano-bio interfaces probed by advanced optical spectroscopy: From model system studies to optical biosensors. *Science Bulletin*, **2013**, 58, 2537-2556		10
24	Lipid Fluid-Gel Phase Transition Induced Alamethicin Orientational Change Probed by Sum Frequency Generation Vibrational Spectroscopy. *Journal of Physical Chemistry C*, **2013**, 117, 17039-17049	3.8	24
23	Dependence of Alamethicin Membrane Orientation on the Solution Concentration. *Journal of Physical Chemistry C*, **2013**, 117, 3358-3365	3.8	32
22	Fluorescent artificial enzyme-linked immunoassay system based on Pd/C nanocatalyst and fluorescent chemodosimeter. *Analytical Chemistry*, **2013**, 85, 11602-9	7.8	23
21	Crystallization from the micellar phase of imidazolium-based cationic surfactants. *Journal of Colloid and Interface Science*, **2012**, 374, 197-205	9.3	18
20	In situ unfolded lysozyme induces the lipid lateral redistribution of a mixed lipid model membrane. *Journal of Physical Chemistry B*, **2012**, 116, 12381-8	3.4	5
19	Competitive molecular interaction among paeonol-loaded liposomes: differential scanning calorimetry and synchrotron X-ray diffraction studies. *International Journal of Pharmaceutics*, **2012**, 438, 91-7	6.5	28
18	Stepwise ordering of imidazolium-based cationic surfactants during cooling-induced crystallization. *Langmuir*, **2012**, 28, 7350-9	4	19
17	Selective recognition induced nanostructures in a cucurbit[7]uril-based host-guest system: micelles, nanorods and nanosheets. *Physical Chemistry Chemical Physics*, **2012**, 14, 8506-10	3.6	11
16	A DSC study of paeonol-encapsulated liposomes, comparison the effect of cholesterol and stigmasterol on the thermotropic phase behavior of liposomes. *Journal of Thermal Analysis and Calorimetry*, **2012**, 109, 311-316	4.1	12
15	Comparative studies on the crystalline to fluid phase transitions of two equimolar cationic/anionic surfactant mixtures containing dodecylsulfonate and dodecylsulfate. *Langmuir*, **2011**, 27, 14740-7	4	17
14	Regional cooperativity in the phase transitions of dipalmitoylphosphatidylcholine bilayers: the lipid tail triggers the isothermal crystallization process. *Journal of Physical Chemistry B*, **2011**, 115, 8559-68	3.4	32

13	Unfolding and refolding details of lysozyme in the presence of κ-casein micelles. *Physical Chemistry Chemical Physics*, **2011**, 13, 3429-36	3.6	30
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