

Yu Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/280542/publications.pdf>

Version: 2024-02-01

264
papers

7,483
citations

57758

44
h-index

95266

68
g-index

265
all docs

265
docs citations

265
times ranked

6580
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel picric acid film sensor via combination of the surface enrichment effect of chitosan films and the aggregation-induced emission effect of siloles. <i>Journal of Materials Chemistry</i> , 2009, 19, 7347.	6.7	330
2	An Organometallic Superâ€Gelator with Multipleâ€Stimulus Responsive Properties. <i>Advanced Materials</i> , 2008, 20, 2508-2511.	21.0	230
3	Pyrene-Containing Conjugated Polymer-Based Fluorescent Films for Highly Sensitive and Selective Sensing of TNT in Aqueous Medium. <i>Macromolecules</i> , 2011, 44, 4759-4766.	4.8	173
4	How Do Liquid Mixtures Solubilize Insoluble Gelators? Self-Assembly Properties of Pyrenyl-Linker-Glucono Gelators in Tetrahydrofuranâ€Water Mixtures. <i>Journal of the American Chemical Society</i> , 2013, 135, 8989-8999.	13.7	149
5	Chemically assembled monolayers of fluorophores as chemical sensing materials. <i>Chemical Society Reviews</i> , 2010, 39, 4258.	38.1	132
6	Coordination-Driven Self-Assembled Metallacycles Incorporating Pyrene: Fluorescence Mutability, Tunability, and Aromatic Amine Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 1757-1765.	13.7	126
7	Preparation and properties of chitosan-poly(N-isopropylacrylamide) full-IPN hydrogels. <i>Reactive and Functional Polymers</i> , 2001, 48, 215-221.	4.1	119
8	Non-contact identification and differentiation of illicit drugs using fluorescent films. <i>Nature Communications</i> , 2018, 9, 1695.	12.8	113
9	A Novel PV Microinverter With Coupled Inductors and Double-Boost Topology. <i>IEEE Transactions on Power Electronics</i> , 2010, 25, 3139-3147.	7.9	109
10	Fluorescent Sensors for Nitroaromatic Compounds Based on Monolayer Assembly of Polycyclic Aromatics. <i>Langmuir</i> , 2007, 23, 1584-1590.	3.5	101
11	Glucose-Based Fluorescent Low-Molecular Mass Compounds: Creation of Simple and Versatile Supramolecular Gelators. <i>Langmuir</i> , 2010, 26, 5909-5917.	3.5	96
12	Simple design but marvelous performances: molecular gels of superior strength and self-healing properties. <i>Soft Matter</i> , 2013, 9, 1091-1099.	2.7	91
13	Micelle-Induced Versatile Sensing Behavior of Bispyrene-Based Fluorescent Molecular Sensor for Picric Acid and PYX Explosives. <i>Langmuir</i> , 2014, 30, 7645-7653.	3.5	90
14	N-Acetylglucosamine-based efficient, phase-selective organogelators for oil spill remediation. <i>Chemical Communications</i> , 2014, 50, 13940-13943.	4.1	88
15	New Dicholesteryl-Based Gelators:â€ Chirality and Spacer Length Effect. <i>Langmuir</i> , 2008, 24, 2992-3000.	3.5	80
16	Fluorescent Film Sensor for Vapor-Phase Nitroaromatic Explosives via Monolayer Assembly of Oligo(diphenylsilane) on Glass Plate Surfaces. <i>Chemistry of Materials</i> , 2009, 21, 1494-1499.	6.7	79
17	Bispyrene/surfactant assemblies as fluorescent sensor platform: detection and identification of Cu ²⁺ and Co ²⁺ in aqueous solution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8866.	10.3	79
18	Functionality-Oriented Derivatization of Naphthalene Diimide: A Molecular Gel Strategy-Based Fluorescent Film for Aniline Vapor Detection. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18584-18592.	8.0	76

#	ARTICLE	IF	CITATIONS
19	Amino Acid Derivatives of Cholesterol as "Latent" Organogelators with Hydrogen Chloride as a Protonation Reagent. <i>Langmuir</i> , 2006, 22, 7016-7020.	3.5	74
20	Cholesteryl derivatives as phase-selective gelators at room temperature. <i>Tetrahedron</i> , 2009, 65, 3369-3377.	1.9	73
21	An Ultrasensitive Fluorescent Sensing Nanofilm for Organic Amines Based on Cholesterol-Modified Perylene Bisimide. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1576-1582.	3.3	72
22	Single-layer assembly of pyrene end-capped terthiophene and its sensing performances to nitroaromatic explosives. <i>Journal of Materials Chemistry</i> , 2012, 22, 1069-1077.	6.7	69
23	Monomolecular Layers of Pyrene as a Sensor to Dicarboxylic Acids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1207-1213.	2.6	68
24	A novel low-molecular-mass gelator with a redox active ferrocenyl group: Tuning gel formation by oxidation. <i>Journal of Colloid and Interface Science</i> , 2008, 318, 397-404.	9.4	66
25	Ultra-low density porous polystyrene monolith: facile preparation and superior application. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10135.	10.3	66
26	Self-Assembled Perylene Bisimide-Cored Trigonal Prism as an Electron-Deficient Host for C ₆₀ and C ₇₀ Driven by "Like Dissolves Like". <i>Journal of the American Chemical Society</i> , 2020, 142, 15950-15960.	13.7	64
27	Preparation and properties of chitosan-poly(N-isopropylacrylamide) semi-IPN hydrogels. , 2000, 38, 474-481.		60
28	Cholesterol-based low-molecular mass gelators towards smart ionogels. <i>Soft Matter</i> , 2012, 8, 11697.	2.7	60
29	Preparation of Novel W/O Gel-Emulsions and Their Application in the Preparation of Low-Density Materials. <i>Langmuir</i> , 2012, 28, 9275-9281.	3.5	57
30	Novel Dimeric Cholesteryl Derivatives and Their Smart Thixotropic Gels. <i>Langmuir</i> , 2011, 27, 12156-12163.	3.5	56
31	Ternary System Based on Fluorophore "Surfactant Assemblies" Cu ²⁺ for Highly Sensitive and Selective Detection of Arginine in Aqueous Solution. <i>Langmuir</i> , 2014, 30, 15364-15372.	3.5	56
32	Spacer Layer Screening Effect: A Novel Fluorescent Film Sensor for Organic Copper(II) Salts. <i>Langmuir</i> , 2006, 22, 841-845.	3.5	55
33	Smart magnetic ionic liquid-based Pickering emulsions stabilized by amphiphilic Fe ₃ O ₄ nanoparticles: Highly efficient extraction systems for water purification. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 213-222.	9.4	55
34	Preparation of pyrene-functionalized fluorescent film with a benzene ring in spacer and sensitive detection to picric acid in aqueous phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 356-362.	3.9	54
35	Discrimination of saturated alkanes and relevant volatile compounds via the utilization of a conceptual fluorescent sensor array based on organoboron-containing polymers. <i>Chemical Science</i> , 2018, 9, 1892-1901.	7.4	54
36	Bispyrene/Surfactant-Assembly-Based Fluorescent Sensor Array for Discriminating Lanthanide Ions in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16156-16165.	8.0	53

#	ARTICLE	IF	CITATIONS
37	Synthesis of Novel Metal Sulfide Polymer Composite Microspheres Exhibiting Patterned Surface Structures. <i>Langmuir</i> , 2004, 20, 263-265.	3.5	51
38	Water-in-oil gel emulsions from a cholesterol derivative: Structure and unusual properties. <i>Journal of Colloid and Interface Science</i> , 2009, 336, 780-785.	9.4	51
39	A single fluorescent self-assembled monolayer film sensor with discriminatory power. <i>Journal of Materials Chemistry</i> , 2012, 22, 11574.	6.7	50
40	Calix[4]arene-based supramolecular gels with unprecedented rheological properties. <i>Soft Matter</i> , 2012, 8, 3756.	2.7	49
41	Rebalancing microbial carbon distribution for L-threonine maximization using a thermal switch system. <i>Metabolic Engineering</i> , 2020, 61, 33-46.	7.0	49
42	New dicholesteryl-based gelators: gelling ability and selective gelation of organic solvents from their mixtures with water at room temperature. <i>New Journal of Chemistry</i> , 2008, 32, 2218.	2.8	47
43	Photochemical Stabilization of Terthiophene and Its Utilization as a New Sensing Element in the Fabrication of Monolayer-Chemistry-Based Fluorescent Sensing Films. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1245-1253.	8.0	47
44	Facile preparation of porous polymeric composite monoliths with superior performances in oil-water separation a low-molecular mass gelators-based gel emulsion approach. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10081-10089.	10.3	46
45	Fabrication of a new fluorescent film and its superior sensing performance to N-methamphetamine in vapor phase. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 255-262.	7.8	46
46	Highly Sensitive and Discriminative Detection of BTEX in the Vapor Phase: A Film-Based Fluorescent Approach. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35647-35655.	8.0	46
47	Protein Binding-Induced Surfactant Aggregation Variation: A New Strategy of Developing Fluorescent Aqueous Sensor for Proteins. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4728-4736.	8.0	44
48	Mechanochromic Wide-Spectrum Luminescence Based on a Monoboron Complex. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8676-8684.	8.0	43
49	Mechano-responsive calix[4]arene-based molecular gels: agitation induced gelation and hardening. <i>Soft Matter</i> , 2013, 9, 5807.	2.7	42
50	Detection and Identification of Cu ²⁺ and Hg ²⁺ Based on the Cross-reactive Fluorescence Responses of a Dansyl-Functionalized Film in Different Solvents. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 49-56.	8.0	42
51	Spatially Confined Growth of Fullerene to Super-Long Crystalline Fibers in Supramolecular Gels for High-Performance Photodetector. <i>Advanced Materials</i> , 2019, 31, e1808254.	21.0	42
52	A ternary sensor system based on pyrene derivative-SDS assemblies-Cu ²⁺ displaying dual responsive signals for fast detection of arginine and lysine in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 314, 66-74.	3.9	41
53	Progress in the studies of low-molecular mass gelators with unusual properties. <i>Science China Chemistry</i> , 2011, 54, 575-586.	8.2	40
54	Novel Method for Preparation of Structural Microspheres Poly(N-isopropylacrylamide-co-acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	6.7	39

#	ARTICLE	IF	CITATIONS
55	A Butterfly-Shaped Pyrene Derivative of Cholesterol and Its Uses as a Fluorescent Probe. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5659-5667.	2.6	39
56	A Perylene Bisimide-Contained Molecular Dyad with High-Efficient Charge Separation: Switchability, Tunability, and Applicability in Moisture Detection. <i>Advanced Functional Materials</i> , 2019, 29, 1905295.	14.9	39
57	A surfactant-modulated fluorescent sensor with pattern recognition capability: sensing and discriminating multiple heavy metal ions in aqueous solution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18488-18496.	10.3	38
58	Dual-Mode Photonic Sensor Array for Detecting and Discriminating Hydrazine and Aliphatic Amines. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11084-11093.	8.0	38
59	Perylene Bisimide Derivative-Based Fluorescent Film Sensors: From Sensory Materials to Device Fabrication. <i>Langmuir</i> , 2020, 36, 2155-2169.	3.5	38
60	Molecular engineered silica surfaces with an assembled anthracene monolayer as a fluorescent sensor for organic copper(II) salts. <i>Applied Surface Science</i> , 2007, 253, 4123-4131.	6.1	37
61	Fluorescent Films Based on Molecular-Gel Networks and Their Sensing Performances. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9830-9836.	8.0	36
62	A high performance fluorescent arylamine sensor toward lung cancer sniffing. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1316-1323.	7.8	36
63	Flexible and Transparent Oligothiophene-Carborane-Containing Hybrid Films for Nonlinear Optical Limiting Based on Efficient Two-Photon Absorption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28985-28995.	8.0	36
64	A General Method to Develop Highly Environmentally Sensitive Fluorescent Probes and AIEgens. <i>Advanced Science</i> , 2022, 9, e2104609.	11.2	35
65	Recent advances in fluorescent film sensing from the perspective of both molecular design and film engineering. <i>Molecular Systems Design and Engineering</i> , 2016, 1, 242-257.	3.4	34
66	Molecular Gels as Intermediates in the Synthesis of Porous Materials and Fluorescent Films: Concepts and Applications. <i>Langmuir</i> , 2017, 33, 10419-10428.	3.5	34
67	Film-Based Fluorescent Sensor for Monitoring Ethanol-Water-Mixture Composition via Vapor Sampling. <i>Analytical Chemistry</i> , 2018, 90, 14088-14093.	6.5	34
68	Preparation and nitromethane sensing properties of chitosan thin films containing pyrene and β -cyclodextrin units. <i>Thin Solid Films</i> , 2003, 440, 255-260.	1.8	33
69	Synthesis, optical properties and explosive sensing performances of a series of novel π -conjugated aromatic end-capped oligothiophenes. <i>Journal of Hazardous Materials</i> , 2013, 246-247, 52-60.	12.4	33
70	Zinc-Reduced CQDs with Highly Improved Stability, Enhanced Fluorescence, and Refined Solid-State Applications. <i>Chemistry of Materials</i> , 2017, 29, 5957-5964.	6.7	33
71	Fast, sensitive, selective and reversible fluorescence monitoring of TATP in a vapor phase. <i>Chemical Communications</i> , 2019, 55, 941-944.	4.1	33
72	Nondestructive Evaluation of Fish Freshness through Nanometer-Thick Fluorescence-Based Amine-Sensing Films. <i>ACS Applied Nano Materials</i> , 2021, 4, 2575-2582.	5.0	33

#	ARTICLE	IF	CITATIONS
73	Preparation and gelling properties of sugar-contained low-molecular-mass gelators: Combination of cholesterol and linear glucose. <i>Tetrahedron</i> , 2010, 66, 2961-2968.	1.9	32
74	Preparation of novel organometallic derivatives of cholesterol and their gel-formation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 362, 127-134.	4.7	32
75	Marriage of Aggregation-Induced Emission and Intramolecular Charge Transfer toward High Performance Film-Based Sensing of Phenolic Compounds in the Air. <i>Analytical Chemistry</i> , 2019, 91, 14451-14457.	6.5	32
76	Synthesis and solvent-sensitive fluorescence properties of a novel surface-functionalized chitosan film: potential materials for reversible information storage. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 135, 141-145.	3.9	31
77	Sensing performance enhancement via chelating effect: A novel fluorescent film chemosensor for copper ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 143-150.	3.9	31
78	Terthiophene Derivatives of Cholesterol-Based Molecular Gels and Their Sensing Applications. <i>Langmuir</i> , 2014, 30, 1257-1265.	3.5	31
79	Polymerizable organo-gelator-stabilized gel-emulsions toward the preparation of compressible porous polymeric monoliths. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15215-15223.	10.3	31
80	Salt Tunable Rheology of Thixotropic Supramolecular Organogels and Their Applications for Crystallization of Organic Semiconductors. <i>Langmuir</i> , 2016, 32, 12805-12813.	3.5	31
81	Preparation and mechanism of Fe ₃ O ₄ /Au core/shell super-paramagnetic microspheres. <i>Science in China Series B: Chemistry</i> , 2001, 44, 404-410.	0.8	30
82	Preparation of spherical nanostructured poly(methacrylic acid)/PbS composites by a microgel template method. <i>Journal of Colloid and Interface Science</i> , 2004, 272, 321-325.	9.4	30
83	A New Strategy for Designing Conjugated Polymer-Based Fluorescence Sensing Films via Introduction of Conformation Controllable Side Chains. <i>Macromolecules</i> , 2011, 44, 703-710.	4.8	30
84	Towards a new FRET system via combination of pyrene and perylene bisimide: synthesis, self-assembly and fluorescence behavior. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5441-5449.	2.8	30
85	Fluorescent Ensemble Based on Bispyrene Fluorophore and Surfactant Assemblies: Sensing and Discriminating Proteins in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22487-22496.	8.0	30
86	Novel dimeric cholesteryl-based A(LS) ₂ low-molecular-mass gelators with a benzene ring in the linker. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 94-101.	9.4	29
87	Solvatochromic Probes Displaying Unprecedented Organic Liquids Discriminating Characteristics. <i>Analytical Chemistry</i> , 2016, 88, 10167-10175.	6.5	29
88	Twisted intra-molecular electron transfer phenomenon of dansyl immobilized on chitosan film and its sensing property to the composition of ethanol/water mixtures. <i>Thin Solid Films</i> , 2005, 478, 318-325.	1.8	28
89	Fluorescent Ensemble Sensors and Arrays Based on Surfactant Aggregates Encapsulating Pyrene-Derived Fluorophores for Differentiation Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18395-18412.	8.0	28
90	Surfactant Aggregates Encapsulating and Modulating: An Effective Way to Generate Selective and Discriminative Fluorescent Sensors. <i>Langmuir</i> , 2019, 35, 326-341.	3.5	27

#	ARTICLE	IF	CITATIONS
91	Unambiguous Discrimination and Detection of Controlled Chemical Vapors by a Film-Based Fluorescent Sensor Array. <i>Advanced Materials Technologies</i> , 2019, 4, 1800644.	5.8	27
92	Perylene Bisimide and Naphthyl-Based Molecular Dyads: Hydrogen Bonds Driving Coplanarization and Anomalous Temperature-Response Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8579-8585.	13.8	27
93	A portable and autonomous multichannel fluorescence detector for on-line and in situ explosive detection in aqueous phase. <i>Lab on A Chip</i> , 2012, 12, 4821.	6.0	26
94	Single-Benzene-Based Solvatochromic Chromophores: Color-Tunable and Bright Fluorescence in the Solid and Solution States. <i>Chemistry - A European Journal</i> , 2019, 25, 16732-16739.	3.3	26
95	Hydrogen-Bond Disrupting Electrolytes for Fast and Stable Proton Batteries. <i>Small</i> , 2022, 18, e2201449.	10.0	26
96	Fluorescence behaviors of 5-dimethylamino-1-naphthalene-sulfonyl-functionalized self-assembled monolayer on glass wafer surface and its sensing properties for nitrobenzene. <i>Thin Solid Films</i> , 2007, 515, 3112-3119.	1.8	25
97	Systematic Molecular Engineering of a Series of Aniline-Based Squaraine Dyes and Their Structure-Related Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3994-4008.	3.1	25
98	Gel-emulsion templated polymeric monoliths for efficient removal of particulate matters. <i>Chemical Engineering Journal</i> , 2018, 339, 14-21.	12.7	25
99	Gel-Emulsion-Templated Polymeric Aerogels for Water Treatment by Organic Liquid Removal and Solar Vapor Generation. <i>ChemSusChem</i> , 2020, 13, 749-755.	6.8	25
100	A pyrene-based fluorescent sensor for ratiometric detection of heparin and its complex with heparin for reversed ratiometric detection of protamine in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 198-205.	3.9	24
101	Polymerizable Nonconventional Gel Emulsions and Their Utilization in the Template Preparation of Low-Density, High-Strength Polymeric Monoliths and 3D Printing. <i>Macromolecules</i> , 2019, 52, 2456-2463.	4.8	24
102	Dual-Phase Emission AIEgen with ICT Properties for VOC Chromic Sensing. <i>Analytical Chemistry</i> , 2021, 93, 8501-8507.	6.5	24
103	Preparation of metal sulfide-polymer composite microspheres with patterned surface structures. <i>Chemical Communications</i> , 2004, , 804-805.	4.1	23
104	A novel pyrene-based film: Preparation, optical properties and sensitive detection of organic copper(II) salts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 351-357.	3.9	23
105	Supramolecular gels based on organic diacid monoamides of cholesteryl glycinate. <i>Journal of Colloid and Interface Science</i> , 2008, 327, 233-242.	9.4	23
106	A dansyl-based fluorescent film: Preparation and sensitive detection of nitroaromatics in aqueous phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 197, 226-231.	3.9	23
107	Monomolecular-layer assembly of oligothiophene on glass wafer surface and its fluorescence sensitization by formaldehyde vapor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 202, 178-184.	3.9	23
108	Synergetic Effect Based Gel-Emulsions and Their Utilization for the Template Preparation of Porous Polymeric Monoliths. <i>Langmuir</i> , 2014, 30, 13680-13688.	3.5	23

#	ARTICLE	IF	CITATIONS
109	Ferrocene-containing thixotropic molecular gels: Creation and a novel strategy for water purification. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 374-379.	9.4	23
110	Compressible porous hybrid monoliths: preparation via a low molecular mass gelators-based gel-emulsion approach and exceptional performances. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24322-24332.	10.3	23
111	A novel calix[4]arene-based dimeric-cholesteryl derivative: synthesis, gelation and unusual properties. <i>New Journal of Chemistry</i> , 2015, 39, 639-649.	2.8	23
112	Detection of gaseous amines with a fluorescent film based on a perylene bisimide-functionalized copolymer. <i>New Journal of Chemistry</i> , 2018, 42, 12737-12744.	2.8	23
113	Developing A Semi-Markov Process Model for Bridge Deterioration Prediction in Shanghai. <i>Sustainability</i> , 2019, 11, 5524.	3.2	23
114	Gel-emulsion templated polymeric aerogels for solar-driven interfacial evaporation and electricity generation. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1953-1961.	5.9	23
115	High-Performance Sensing of Formic Acid Vapor Enabled by a Newly Developed Nanofilm-Based Fluorescent Sensor. <i>Analytical Chemistry</i> , 2021, 93, 7094-7101.	6.5	23
116	Immobilization of pyrene via diethylenetriamine on quartz plate surface for recognition of dicarboxylic acids. <i>Applied Surface Science</i> , 2006, 252, 3884-3893.	6.1	22
117	Alternative Copolymerization of a Conjugated Segment and a Flexible Segment and Fabrication of a Fluorescent Sensing Film for HCl in the Vapor Phase. <i>Chemistry - an Asian Journal</i> , 2013, 8, 101-107.	3.3	22
118	Creation of Reduced Graphene Oxide Based Field Effect Transistors and Their Utilization in the Detection and Discrimination of Nucleoside Triphosphates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10718-10726.	8.0	21
119	Film-based fluorescence sensing: a "chemical nose" for nicotine. <i>Chemical Communications</i> , 2019, 55, 12679-12682.	4.1	21
120	Flower-Like SiO ₂ -Coated Polymer/Fe ₃ O ₄ Composite Microspheres of Super-Paramagnetic Properties: Preparation via A Polymeric Microgel Template Method. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2067-2072.	3.8	20
121	Functionality-oriented molecular gels: synthesis and properties of nitrobenzoxadiazole (NBD)-containing low-molecular mass gelators. <i>Soft Matter</i> , 2014, 10, 9159-9166.	2.7	20
122	A perylene bisimide derivative with pyrene and cholesterol as modifying structures: synthesis and fluorescence behavior. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12221-12230.	2.8	20
123	New solvatochromic probes: performance enhancement via regulation of excited state structures. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25210-25220.	2.8	20
124	A single discriminative sensor based on supramolecular self-assemblies of an amphiphilic cholic acid-modified fluorophore for identifying multiple proteins. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 336-346.	7.8	20
125	Calix[4]arene-Based Dynamic Covalent Gels: Marriage of Robustness, Responsiveness, and Self-Healing. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700679.	3.9	20
126	High-Performance Ketone Sensing in Vapor Phase Enabled by <i>o</i> -Carborane-Modified Cyclometalated Alkynyl-Gold(III) Complex-Based Fluorescent Films. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5625-5633.	8.0	20

#	ARTICLE	IF	CITATIONS
127	Fluorescence properties of immobilized pyrene on quartz surface. <i>Materials Chemistry and Physics</i> , 2003, 77, 185-191.	4.0	19
128	Experimental Studies on A New Fluorescent Ensemble of Calix[4]pyrrole and Its Sensing Performance in the Film State. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29128-29135.	8.0	19
129	Dynamic Chemistry-Based Sensing: A Molecular System for Detection of Saccharide, Formaldehyde, and the Silver Ion. <i>Analytical Chemistry</i> , 2017, 89, 9360-9367.	6.5	19
130	Specially Treated Aramid Fiber Stabilized Gel-Emulsions: Preparation of Porous Polymeric Monoliths and Highly Efficient Removing of Airborne HCHO. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700270.	3.9	19
131	A film-based fluorescent device for vapor phase detection of acetone and related peroxide explosives. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1218-1224.	5.9	19
132	High-Performance Trichloroacetic Acid Sensor Based on the Intramolecular Hydrogen Bond Formation and Disruption of a Specially Designed Fluorescent <i>o</i> -Carborane Derivative in the Film State. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19342-19350.	8.0	19
133	Strong Dynamic Interfacial Adhesion by Polymeric Ionic Liquids under Extreme Conditions. <i>ACS Nano</i> , 2022, 16, 5303-5315.	14.6	19
134	Preparation of silver-poly(acrylamide-co-methacrylic acid) composite microspheres with patterned surface structures. <i>Colloid and Polymer Science</i> , 2006, 284, 1221-1228.	2.1	18
135	Cholesterol modified OPE functionalized film: fabrication, fluorescence behavior and sensing performance. <i>Journal of Materials Chemistry</i> , 2012, 22, 7529.	6.7	18
136	Reunderstanding the Fluorescent Behavior of Four-Coordinate Monoboron Complexes Containing Monoanionic Bidentate Ligands. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6189-6199.	2.6	18
137	Langmuir-Blodgett films of perylene bisimide derivatives and fluorescent recognition of diamines. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23898-23904.	2.8	18
138	Squaraine-hydrazine adducts for fast and colorimetric detection of aldehydes in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 88-93.	7.8	18
139	Robust and Large-Area Calix[4]pyrrole-Based Nanofilms Enabled by Air/DMSO Interfacial Self-Assembly-Confined Synthesis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3336-3348.	8.0	18
140	Oligo(FcDC-co-CholDEA) with Ferrocene in the Main Chain and Cholesterol as a Pendant Group—Preparation and Unusual Properties. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13116-13120.	2.6	17
141	Redox Recycling Amplification Using an Interdigitated Microelectrode Array for Ionic Liquid-Based Oxygen Sensors. <i>Analytical Chemistry</i> , 2018, 90, 3950-3957.	6.5	17
142	Dynamic covalent bond-based hydrogels with superior compressive strength, exceptional slice-resistance and self-healing properties. <i>Soft Matter</i> , 2018, 14, 7950-7953.	2.7	17
143	Development of a Column-Shaped Fluorometric Sensor Array and Its Application in Visual Discrimination of Alcohols from Vapor Phase. <i>Analytical Chemistry</i> , 2020, 92, 1068-1073.	6.5	17
144	Dual-state efficient chromophore with pH-responsive and solvatochromic properties based on an asymmetric single benzene framework. <i>Chemical Communications</i> , 2021, 57, 4011-4014.	4.1	17

#	ARTICLE	IF	CITATIONS
145	A Descriptor for Accurate Predictions of Host Molecules Enabling Ultralong Room-Temperature Phosphorescence in Guest Emitters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	17
146	Complexation between poly(methacrylic acid) and poly(vinylpyrrolidone). <i>Journal of Applied Polymer Science</i> , 2001, 82, 620-627.	2.6	16
147	Preparation and gas sensing properties of novel CdS-supramolecular organogel hybrid films. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 105405.	2.8	16
148	Formation of An Ionic PTCA- β -CDNH ₂ Complex and Its Application for Phenol Sensing in Aqueous Phase. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21364-21372.	8.0	16
149	Ionic Liquid Microstrips Impregnated with Magnetic Nanostirrers for Sensitive Gas Sensors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43377-43385.	8.0	16
150	Boronic ester-based dynamic covalent ionic liquid gels for self-healable, recyclable and malleable optical devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12493-12497.	5.5	16
151	Preparation of AgCl-polyacrylamide composite microspheres via combination of a polymer microgel template method and a reverse micelle technique. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 210-218.	9.4	15
152	Probing the Effects of Cholesterol on Pyrene-Functionalized Interfacial Adlayers. <i>Langmuir</i> , 2007, 23, 11042-11050.	3.5	15
153	Phase behavior of temperature- and pH-sensitive poly(acrylic acid)- <i>g</i> -N-isopropylacrylamide in dilute aqueous solution. <i>Journal of Applied Polymer Science</i> , 2008, 109, 4036-4042.	2.6	15
154	Preparation and fluorescent sensing applications of novel CdSe-chitosan hybrid films. <i>Applied Surface Science</i> , 2010, 256, 7270-7275.	6.1	15
155	Far-Red-to NIR-Emitting Adamantyl-Functionalized Squaraine Dye: Aggregation, Dissociation, and Cell Imaging. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4095-4102.	2.4	15
156	A single probe-based sensor array for fingerprinting biothiols in serum and urine via surfactant modulation strategy. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127144.	7.8	15
157	Halogen bonding matters: visible light-induced photoredox catalyst-free aryl radical formation and its applications. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10212-10218.	2.8	15
158	Excimer Formation of Perylene Bisimide Dyes within Stacking-Restrained Folda-Dimers: Insight into Anomalous Temperature Responsive Dual Fluorescence. <i>CCS Chemistry</i> , 2022, 4, 1949-1960.	7.8	15
159	Selectivity via insertion: Detection of dicarboxylic acids in water by a new film chemosensor with enhanced properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 175, 207-213.	3.9	14
160	Solvent-induced molecular gel formation at room temperature and the preparation of related gel-emulsions. <i>Science China Chemistry</i> , 2013, 56, 982-991.	8.2	14
161	Naphthalimide-Based Fluorophore for Soft Anionic Interface Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35419-35426.	8.0	14
162	Methamphetamine detection enabled by a fluorescent carborane derivative of perylene monoimide in film state. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129964.	7.8	14

#	ARTICLE	IF	CITATIONS
163	Modulation of the Host-Guest Interactions in a Metal-Organic Framework for Multiple Anticounterfeiting Applications. <i>Inorganic Chemistry</i> , 2022, 61, 456-463.	4.0	14
164	Complexes of chitosan and poly(methacrylic acid) studied by fluorescence techniques. <i>Polymer Bulletin</i> , 1999, 43, 387-394.	3.3	13
165	Luminescent Helical Nanofiber Self-Assembled from a Cholesterol-Based Metalloamphiphile and Its Application in DNA Conformation Recognition. <i>Langmuir</i> , 2016, 32, 10350-10357.	3.5	13
166	A simple fluorophore/surfactant ensemble as single discriminative sensor platform: Identifying multiple metal ions in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 328, 1-9.	3.9	13
167	Studies on CoSalen immobilized onto N-(4-methylimidazole)-chitosan. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2431-2436.	2.6	12
168	A novel two-component physical gel based on interaction between poly(acrylic acid) and 6-deoxy-6-amino- β -cyclodextrin. <i>Polymer Engineering and Science</i> , 2009, 49, 99-103.	3.1	12
169	Probing the microenvironment of surface-attached pyrene formed by a thermo-responsive oligomer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 991-999.	3.9	12
170	Fluorescent film sensor for copper ion based on an assembled monolayer of pyrene moieties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 437-442.	3.9	12
171	Fabrication of a Novel Cholic Acid Modified OPE-Based Fluorescent Film and Its Sensing Performances to Inorganic Acids in Acetone. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6935-6941.	8.0	12
172	Dynamic Covalent Chemistry-based Sensing: Pyrenyl Derivatives of Phenylboronic Acid for Saccharide and Formaldehyde. <i>Scientific Reports</i> , 2016, 6, 31187.	3.3	12
173	An economic and environmentally benign approach for the preparation of monolithic silica aerogels. <i>RSC Advances</i> , 2016, 6, 93374-93383.	3.6	12
174	Tuning the formation of reductive species of perylene-bisimide derivatives in DMF via aggregation matter. <i>Chemical Communications</i> , 2017, 53, 10018-10021.	4.1	12
175	A robust, freeze-resistant and highly ion conductive ionogel electrolyte towards lithium metal batteries workable at ~ 30 $^{\circ}\text{C}$. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6775-6782.	2.8	12
176	Nutrition Impact Symptom Clusters in Patients With Head and Neck Cancer Receiving Concurrent Chemoradiotherapy. <i>Journal of Pain and Symptom Management</i> , 2021, 62, 277-285.	1.2	12
177	Orthogonal carbazole-peryene bisimide pentad: a photoconversion-tunable photosensitizer with diversified excitation and excited-state relaxation pathways. <i>Science China Chemistry</i> , 2021, 64, 2193-2202.	8.2	12
178	Ag-polymer composite microspheres with patterned surface structures. <i>Colloid and Polymer Science</i> , 2007, 285, 1655-1663.	2.1	11
179	Synthesis and biological evaluation of fatty acids containing $^{99\text{m}}\text{Tc}$ -oxo and $^{99\text{m}}\text{Tc}$ -nitrido for myocardial metabolism imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1429-1438.	1.5	11
180	Ultrafast Hydrogen Bond Exchanging between Water and Anions in Concentrated Ionic Liquid Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4766-4775.	2.6	11

#	ARTICLE	IF	CITATIONS
181	Direct Distinguishing of Methanol over Ethanol with a Nanofilm-Based Fluorescent Sensor. <i>Advanced Materials Technologies</i> , 2021, 6, 2000933.	5.8	11
182	A dual-chromophore-based cross-reactive fluorescent sensor for efficient discrimination of multiple anionic surfactants. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129408.	7.8	11
183	Self-Assembly of Amphiphilic BODIPY Derivatives on Micropatterned Ionic Liquid Surfaces for Fluorescent Films with Excellent Stability and Sensing Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13962-13969.	8.0	11
184	Synthesis and Gelation Behavior of Cholesteryl Glycinate Anthraquinone-2-Carboxylamide and Cholesteryl Glycinate 9,10-Dimethyloxyl Anthracene-2-Carboxylamide. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 359-366.	1.4	10
185	Controllable synthesis of CuS@P(AM-co-MAA) composite microspheres with patterned surface structures. <i>Journal of Colloid and Interface Science</i> , 2008, 325, 391-397.	9.4	10
186	Studies on the photochemical stabilities of some fluorescent films based on pyrene and pyrenyl derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 298, 9-16.	3.9	10
187	Calix[4]arene-based low molecular mass gelators to form gels in organoalkoxysilanes. <i>RSC Advances</i> , 2016, 6, 109969-109977.	3.6	10
188	New Fluorescent Conjugates Displaying Solvatochromic Properties. <i>Chinese Journal of Chemistry</i> , 2017, 35, 707-715.	4.9	10
189	Naphthyl End-Capped Terthiophene-Based Chemiresistive Sensors for Biogenic Amine Detection and Meat Spoilage Monitoring. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2751-2758.	3.3	10
190	Imidazolium-Modified Bispyrene-Based Fluorescent Aggregates for Discrimination of Multiple Anions in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32706-32718.	8.0	10
191	Method on the Fault Detection and Diagnosis for the Railway Turnout Based on the Current Curve of Switch Machine. <i>Applied Mechanics and Materials</i> , 0, 427-429, 1022-1027.	0.2	9
192	Yin and Yang-Tuned Fluorescence Sensing Behavior of Branched 1,4-Bis(phenylethynyl)benzene. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20016-20024.	8.0	9
193	Single-Crystal to Single-Crystal Transformation of Metal-Organic Framework Nanoparticles for Encapsulation and pH-Stimulated Release of Camptothecin. <i>ACS Applied Nano Materials</i> , 2021, 4, 7191-7198.	5.0	9
194	Sensing Performances of Oligosilane Functionalized Fluorescent Film to Nitrobenzene in Aqueous Solution. <i>Sensor Letters</i> , 2009, 7, 1141-1146.	0.4	9
195	A Configurationally Tunable Perylene Bisimide Derivative-based Fluorescent Film Sensor for the Reliable Detection of Volatile Basic Nitrogen towards Fish Freshness Evaluation. <i>Chinese Journal of Chemistry</i> , 2022, 40, 201-208.	4.9	9
196	Dye-Encapsulated Lanthanide-Based Metal-Organic Frameworks as a Dual-Emission Sensitization Platform for Alachlor Sensing. <i>Inorganic Chemistry</i> , 2022, 61, 9801-9807.	4.0	9
197	Computer Simulation Study on the Structural-Optical Related Properties of a Pyrene-Functionalized Fluorescent Film. <i>Langmuir</i> , 2008, 24, 1853-1857.	3.5	8
198	A New Type of 1, 4-Bis(phenylethynyl)benzene Derivatives: Optical Behavior and Sensing Applications. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2016, 32, 373-379.	4.9	8

#	ARTICLE	IF	CITATIONS
199	Synthesis and sensing applications of a new fluorescent derivative of cholesterol. <i>New Journal of Chemistry</i> , 2016, 40, 1817-1824.	2.8	8
200	Dynamic covalent bonding-triggered supramolecular gelation derived from tetrahydroxy-bisurea derivatives. <i>Soft Matter</i> , 2017, 13, 8609-8617.	2.7	8
201	Porous Particle-Based Inkjet Printing of Flexible Fluorescent Films: Enhanced Sensing Performance and Advanced Encryption. <i>Advanced Materials Technologies</i> , 2019, 4, 1900109.	5.8	8
202	A Versatile Strategy for Tailoring Noble Metal Supramolecular Gels/Aerogels and Their Application in Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2019, 2, 3012-3020.	5.0	8
203	Enhanced two-photon absorption of sandwich-like coordination complexes based on squaraine and metallomacrocyclic derivatives. <i>Dyes and Pigments</i> , 2021, 193, 109487.	3.7	8
204	Rapid and colorimetric evaluation of G-series nerve agents and simulants using the squaraine-ethanolamine adducts. <i>Dyes and Pigments</i> , 2022, 197, 109870.	3.7	8
205	Film Nanoarchitectonics of Pillar[5]arene for High-Performance Fluorescent Sensing: a Proof-of-Concept Study. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54561-54569.	8.0	8
206	A fluorescent film sensor for high-performance detection of <i>Listeria monocytogenes</i> via vapor sampling. <i>Aggregate</i> , 2023, 4, .	9.9	8
207	Fluorescence probe studies on the complexation between poly(methacrylic acid) and poly(N, Tj ETQq1 1 0.784314 rgBT /Overlock 10 61, 887-892.	3.9	7
208	A balanced energy consumption clustering algorithm for heterogeneous energy wireless sensor networks. , 2010, , .		7
209	Fabrication and humidity sensing performance studies of a fluorescent film based on a cholesteryl derivative of perylene bisimide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 165, 145-149.	3.9	7
210	One-Step Synthesis of Hydrophobic Multicompartment Organosilica Microspheres with Highly Interconnected Macro-mesopores for the Stabilization of Liquid Marbles with Excellent Catalysis. <i>Langmuir</i> , 2017, 33, 5223-5235.	3.5	7
211	Visible light-driven flower-like Bi/BiOClxBr(1~x) heterojunction with excellent photocatalytic performance. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2743-2754.	2.2	7
212	A new spirofluorene-based nonplanar PBI-dyad and its utilization in the film-based photo-production of singlet oxygen. <i>Science China Chemistry</i> , 2020, 63, 526-533.	8.2	7
213	Exploring the Structure and Complexation Dynamics of Azide Anion Recognition by Calix[4]pyrroles in Solution. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 669-675.	4.6	7
214	Structure-fluorescence relationships in pyrrole appended o-carborane crystalline materials. <i>Chinese Chemical Letters</i> , 2022, 33, 2532-2536.	9.0	7
215	Insight into the Clustering-Triggered Emission and Aggregation-Induced Emission Exhibited by an Adamantane-Based Molecular System. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5358-5364.	4.6	7
216	Rigid Bay-Conjugated Perylene Bisimide Rotors: Solvent-Induced Excited-State Symmetry Breaking and Resonance-Enhanced Two-Photon Absorption. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4939-4947.	2.6	7

#	ARTICLE	IF	CITATIONS
217	Surface-Confined Energy Transfer in Mixed Self-Assembled Monolayers. <i>Langmuir</i> , 2008, 24, 8752-8759.	3.5	6
218	Constitutional Dynamic Chemistry-based New Concept of Molecular Beacons for High Efficient Development of Fluorescent Probes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6721-6729.	2.6	6
219	Resonance-Enhanced Two-Photon Absorption and Optical Power Limiting Properties of Three-Dimensional Perylene Bisimide Derivatives. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11540-11547.	2.6	6
220	High-Performance NMHC Detection Enabled by a Perylene Bisimide-Cored Metallacycle Complex-Based Fluorescent Film Sensor. <i>Analytical Chemistry</i> , 2021, 93, 16051-16058.	6.5	6
221	Interfacially confined preparation of copper Porphyrin-contained nanofilms towards High-performance Strain-Pressure monitoring. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 516-524.	9.4	6
222	Controlling the excited-state relaxation for tunable single-molecule dual fluorescence in both the solution and film states. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1118-1126.	5.5	6
223	A Mono-Boron Complex-Based Fluorescent Nanofilm with Enhanced Sensing Performance for Methylamine in Vapor Phase. <i>Advanced Materials Technologies</i> , 0, , 2101703.	5.8	6
224	Heteronuclear metal-organic framework-based fluorescent sensor for the detection of tetracycline antibiotics. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	6
225	Studies on the Template Composition Dependence of the Surface Morphologies of the Metal Sulfides-P(NIPAM-co-MAA) Composite Microspheres. <i>Acta Physico-chimica Sinica</i> , 2006, 22, 424-429.	0.6	5
226	Preparation of Cu-P(NIPAM-co-MAA) Hybrid Microgels with Controlled Surface Structures. <i>Chinese Journal of Chemistry</i> , 2011, 29, 33-40.	4.9	5
227	Study on PV micro-inverter with coupled inductors and double boost topology. , 2012, , .		5
228	Can the Excited State Energy of a Pyrenyl Unit Be Directly Transferred to a Perylene Bisimide Moiety?. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11961-11969.	2.6	5
229	Fluorescence Toggling Mechanism of Photochromic Phenylhydrazones: N-N Single Bond Rotation-Assisting E/Z Photoisomerization Differs from Imine. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6411-6419.	2.5	5
230	A triphenylamine-based Pt(II) metallacage via coordination-driven self-assembly for nonlinear optical power limiting. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10429-10438.	5.5	5
231	Applications of a polymeric microgel template/ultrasonic degradation method: Preparation of poly(sodium acrylate)/La(OH) ₃ nano-composites. <i>Ultrasonics</i> , 2006, 44, e379-e383.	3.9	4
232	Studies on the conformational behavior of acenaphthylene-labeled poly(acrylamide-co-acryloyl-6-deoxy-6-amino-β-cyclodextrin). <i>Colloid and Polymer Science</i> , 2007, 285, 881-889.	2.1	4
233	Application of Ultrasonic Attenuation Measurements in the Studies on Macromolecular Conformational Behaviors -Phase Behavior of the Aqueous Solution of Poly(vinyl methyl ether)		

#	ARTICLE	IF	CITATIONS
235	A novel surfactant-like fluorophore and its probing ability to the aggregation of amphiphilic compounds. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 245, 58-65.	3.9	4
236	Preparation of a scorpion-shaped di-NBD derivative of cholesterol and its thixotropic property. <i>Science China Chemistry</i> , 2014, 57, 1544-1551.	8.2	4
237	Photochemical Synthesis of Solvatochromic Fluorophore from the C-C Coupling Reaction for Undergraduate Laboratory Experiment. <i>Journal of Chemical Education</i> , 2020, 97, 4469-4474.	2.3	4
238	Perylene Bisimide and Naphthyl-Based Molecular Dyads: Hydrogen Bonds Driving Co-planarization and Anomalous Temperature-Response Fluorescence. <i>Angewandte Chemie</i> , 2020, 132, 8657-8663.	2.0	4
239	An O-Carborane Derivative of Perylene Bisimide-Based Thin Film Displaying both Electrochromic and Electrofluorochromic Properties. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49500-49508.	8.0	4
240	Conformationally tunable calix[4]pyrrole-based nanofilms for efficient molecular separation. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 368-375.	9.4	4
241	Transcranial Magnetic Stimulation: Modeling, Calculating and System Design. , 2009, , .		3
242	Synthesis and gelation behaviors of five new dimeric cholesteryl derivatives. <i>Science China Chemistry</i> , 2011, 54, 475-482.	8.2	3
243	Preparation of dicholesteryl-derivatives: The effect of spatial configuration upon gelation. <i>Science Bulletin</i> , 2012, 57, 4310-4321.	1.7	3
244	Chemical Composition and Fungicidal Activity of <i>Murraya microphylla</i> Essential Oil against <i>Colletotrichum gloeosporioides</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2020, 23, 678-685.	1.9	3
245	Nonplanar Perylene Monoimide-Based Fluorescent Film for Enhanced BTX Sensing. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2088-2094.	4.9	3
246	Perylene Bisimide-Cored Supramolecular Coordination Complexes: Interplay between Ensembles, Excited State Processes, and Aggregation Behaviors. <i>Chemistry - A European Journal</i> , 2021, 27, 14876-14885.	3.3	3
247	Covalent Organic Polymer Nanoparticle-Supported Monolithic Foams for Separation of Nitrotoluene Isomers. <i>ACS Applied Nano Materials</i> , 2021, 4, 10864-10876.	5.0	3
248	Extended research on molecular gels: From the perspective of development of three dimensional fluorescent sensing films and low-density porous materials. <i>Chinese Science Bulletin</i> , 2017, 62, 532-545.	0.7	3
249	Host-Guest Interactions between N,N'-Bis(ferrocenylmethylene)-Diaminobutane and Benzenetetracarboxylic Dianhydride Bridged Bis(β -cyclodextrin)s. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1687-1691.	4.9	2
250	Monitoring the Aggregation of Dansyl Chloride in Acetone through Fluorescence Measurements. <i>Chinese Journal of Chemistry</i> , 2002, 20, 317-321.	4.9	2
251	A center frequency adjustable narrow band filter for the detection of weak single frequency signal. <i>Review of Scientific Instruments</i> , 2014, 85, 044708.	1.3	2
252	Novel surfactant-like pyrene derivatives: synthesis, fluorescent properties and sensing applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 444, 307-313.	4.7	2

#	ARTICLE	IF	CITATIONS
253	Preparation of crystal TiO ₂ foam with micron channels and mesopores by a freeze-casting method without additives and unidirectional freezing. <i>CrystEngComm</i> , 2018, 20, 5782-5789.	2.6	2
254	Structural Dynamics of Short Ligands on the Surface of ZnSe Semiconductor Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3158-3164.	4.6	2
255	A Simple Apparatus for Gravitational Sedimentation. <i>Journal of Chemical Education</i> , 2002, 79, 623.	2.3	1
256	Intermediate alternating electric fields device for enhancing chemotherapy of cancer: Device development and the biological effects. , 2011, , .		1
257	Supramolecular gel: From structure to function. <i>Science Bulletin</i> , 2012, 57, 4245-4245.	1.7	1
258	Through-space Charge Transfer: A New Way to Develop High-performance Fluorescence Sensing Film towards Optoelectronically Inert Alkanes. <i>Angewandte Chemie</i> , 0, , .	2.0	1
259	Interfacially confined preparation of fumaronitrile-based nanofilms exhibiting broadband saturable absorption properties. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 569-577.	9.4	1
260	Method on Fault Detection and Diagnosis for Track Circuit Based on Main Rail Voltage. <i>Applied Mechanics and Materials</i> , 2014, 670-671, 1172-1178.	0.2	0
261	Novel Tri-Cholesteryl Derivatives-Based Low Molecular Mass Organic Gelators with Multi-Stimuli Responsive Properties. <i>Australian Journal of Chemistry</i> , 2015, 68, 836.	0.9	0
262	Macromol. Rapid Commun. 4/2018. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1870011.	3.9	0
263	Formation of an ionic PTCA-PBA-NH ₂ complex and its fluorescent changes triggered by cyclic boronate ester establishing and cleavage reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 425-430.	3.9	0
264	Polyanion and anionic surface monitoring in aqueous medium enabled by an ionic host-guest complex. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129916.	7.8	0