

Tao Yi

List of Publications by Year in Descending Order

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

105
papers

4,457
citations

37
h-index

64
g-index

113
ext. papers

5,154
ext. citations

7.9
avg, IF

5.71
L-index

#	Paper	IF	Citations
105	A Smart Theranostic Prodrug System Activated by Reactive Oxygen Species for Regional Chemotherapy of Metastatic Cancer.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	2
104	.. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022 ,	4.7	1
103	A lysosome-targeted near-infrared fluorescent probe for cell imaging of Cu ²⁺ . <i>Dyes and Pigments</i> , 2022 , 110472	4.6	2
102	Phosphorothioate-DNA bacterial diet reduces the ROS levels in <i>C. elegans</i> while improving locomotion and longevity. <i>Communications Biology</i> , 2021 , 4, 1335	6.7	1
101	An Integrated Droplet Manipulation Platform with Photodeformable Microfluidic Channels.. <i>Small Methods</i> , 2021 , 5, e2100969	12.8	2
100	Synthesis and Characterization of Bisthiénylene-Porphyrin Photoswitchable Copolymers. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 6636	3.2	
99	Fluorescent supramolecular self-assembly gels and their application as sensors: A review. <i>Coordination Chemistry Reviews</i> , 2021 , 434, 213792	23.2	25
98	HOCl-Activated Aggregation of Gold Nanoparticles for Multimodality Therapy of Tumors. <i>Advanced Science</i> , 2021 , 8, e2100074	13.6	10
97	An Imine-Linked Metal-Organic Framework as a Reactive Oxygen Species Generator. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2534-2540	16.4	22
96	An Imine-Linked Metal-Organic Framework as a Reactive Oxygen Species Generator. <i>Angewandte Chemie</i> , 2021 , 133, 2564-2570	3.6	3
95	De novo design of self-assembly hydrogels based on Fmoc-diphenylalanine providing drug release. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8686-8693	7.3	3
94	Precise targeting of osteopontin in non-small cell lung cancer spinal metastasis to promote chemosensitivity via a smart hollow nano-platform. <i>Chemical Engineering Journal</i> , 2021 , 132131	14.7	2
93	Photoinduced Radical Emission in a Coassembly System. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23842-23848	16.4	5
92	Photoinduced Radical Emission in a Coassembly System. <i>Angewandte Chemie</i> , 2021 , 133, 24035	3.6	0
91	Artificial Light-Harvesting Metallacycle System with Sequential Energy Transfer for Photochemical Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1313-1317	16.4	37
90	A NIR fluorescent probe based on phenazine with a large Stokes shift for the detection and imaging of endogenous HO in RAW 264.7 cells. <i>Analyst</i> , 2020 , 145, 4196-4203	5	8
89	Diketopyrrolopyrrole-based multifunctional ratiometric fluorescent probe and Eglutamyltranspeptidase-triggered activatable photosensitizer for tumor therapy. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8183-8190	7.1	15

88	A fluorescent probe operating under weak acidic conditions for the visualization of HOCl in solid tumors in vivo. <i>Science China Chemistry</i> , 2020 , 63, 1153-1158	7.9	18
87	A novel near-infrared fluorescent probe for detection of early-stage A β protofibrils in Alzheimer's disease. <i>Chemical Communications</i> , 2020 , 56, 1625-1628	5.8	15
86	Detecting Basal Myeloperoxidase Activity in Living Systems with a Near-Infrared Emissive "Turn-On" Probe. <i>Analytical Chemistry</i> , 2020 , 92, 10971-10978	7.8	13
85	Hypoxia-Induced Photogenic Radicals by Eosin Y for Efficient Phototherapy of Hypoxic Tumors.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8962-8969	4.1	2
84	Dual-Modality Detection of Early-Stage Drug-Induced Acute Kidney Injury by an Activatable Probe. <i>ACS Sensors</i> , 2020 , 5, 2457-2466	9.2	17
83	Construction of a multi-signal near-infrared fluorescent probe for sensing of hypochlorite concentration fluctuation in living animals. <i>Sensors and Actuators B: Chemical</i> , 2020 , 324, 128732	8.5	7
82	Multifunctional Smart Yolk-Shell Nanostructure with Mesoporous MnO Shell for Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 38906-38917	9.5	18
81	pH-responsive AgS nanodots loaded with heat shock protein 70 inhibitor for photoacoustic imaging-guided photothermal cancer therapy. <i>Acta Biomaterialia</i> , 2020 , 115, 358-370	10.8	13
80	Real-time monitoring and accurate diagnosis of drug-induced hepatotoxicity in vivo by ratio-fluorescence and photoacoustic imaging of peroxy nitrite. <i>Nanoscale</i> , 2020 , 12, 10216-10225	7.7	13
79	Furin substrate as a novel cell-penetrating peptide: combining a delivery vector and an inducer of cargo release. <i>Chemical Communications</i> , 2019 , 55, 11872-11875	5.8	5
78	Instant hydrogel formation of terpyridine-based complexes triggered by DNA via non-covalent interaction. <i>Nanoscale</i> , 2019 , 11, 4044-4052	7.7	31
77	Ribosomal RNA-Selective Light-Up Fluorescent Probe for Rapidly Imaging the Nucleolus in Live Cells. <i>ACS Sensors</i> , 2019 , 4, 1409-1416	9.2	28
76	MoS quantum dots as a unique fluorescent "turn-off-on" probe for the simple and rapid determination of adenosine triphosphate. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2549-2556	7.3	23
75	Self-Assembly of Amphiphilic Peptides for Recognizing High Furin-Expressing Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12327-12334	9.5	27
74	Mitochondria-Targeted Ratiometric Fluorescent Probe Based on Diketopyrrolopyrrole for Detecting and Imaging of Endogenous Superoxide Anion in Vitro and in Vivo. <i>Analytical Chemistry</i> , 2019 , 91, 5786-5793	7.8	33
73	NIR fluorescent probes with good water-solubility for detection of amyloid beta aggregates in Alzheimer's disease. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5535-5540	7.3	20
72	A near infrared fluorescent probe for one-step detection of histone deacetylase activity based on an intramolecular FRET. <i>Sensors and Actuators B: Chemical</i> , 2019 , 297, 126791	8.5	9
71	Release of Amino- or Carboxy-Containing Compounds Triggered by HOCl: Application for Imaging and Drug Design. <i>Angewandte Chemie</i> , 2019 , 131, 4595-4599	3.6	6

70	Release of Amino- or Carboxy-Containing Compounds Triggered by HOCl: Application for Imaging and Drug Design. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4547-4551	16.4	56
69	A pH-responsive organic photosensitizer specifically activated by cancer lysosomes. <i>Dyes and Pigments</i> , 2018 , 156, 285-290	4.6	22
68	CuS Nanocrystals Cross-Linked with Chlorin e6-Functionalized Polyethylenimine for Synergistic Photodynamic and Photothermal Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 16344-16351	9.5	40
67	Deformylation reaction-based probe for imaging of HOCl. <i>Chemical Science</i> , 2018 , 9, 495-501	9.4	121
66	A fluoride activated methylene blue releasing platform for imaging and antimicrobial photodynamic therapy of human dental plaque. <i>Chemical Communications</i> , 2018 , 54, 13115-13118	5.8	17
65	Water-soluble MoS quantum dots for facile and sensitive fluorescence sensing of alkaline phosphatase activity in serum and live cells based on the inner filter effect. <i>Nanoscale</i> , 2018 , 10, 21298-21306	7.7	29
64	Cyclodextrin-Assisted Two-Component Sonogel for Visual Humidity Sensing. <i>Langmuir</i> , 2017 , 33, 1090-1096	10.96	24
63	Effect of water on the supramolecular assembly and functionality of a naphthalimide derivative: tunable honeycomb structure with mechanochromic properties. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5910-5916	7.1	21
62	A smart drug: a pH-responsive photothermal ablation agent for Golgi apparatus activated cancer therapy. <i>Chemical Communications</i> , 2017 , 53, 6424-6427	5.8	50
61	Helical Self-Assembly-Induced Singlet-Triplet Emissive Switching in a Mechanically Sensitive System. <i>Journal of the American Chemical Society</i> , 2017 , 139, 785-791	16.4	107
60	Multicolor imaging of hydrogen peroxide level in living and apoptotic cells by a single fluorescent probe. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 115-121	11.8	37
59	pH-Dependent Fluorescent Probe That Can Be Tuned for Cysteine or Homocysteine. <i>Organic Letters</i> , 2017 , 19, 82-85	6.2	122
58	Strong Blue Emissive Supramolecular Self-Assembly System Based on Naphthalimide Derivatives and Its Ability of Detection and Removal of 2,4,6-Trinitrophenol. <i>Langmuir</i> , 2017 , 33, 7788-7798	4	52
57	Halogen Effect on Non-Conventional Organogel Assisted by Balanced π - π Interaction. <i>ChemistrySelect</i> , 2017 , 2, 5421-5426	1.8	9
56	A fluorescent non-conventional organogelator with gelation-assisted piezochromic and fluoride-sensing properties. <i>Dyes and Pigments</i> , 2017 , 137, 111-116	4.6	53
55	Photoswitchable Supramolecular Systems 2016 , 109-166		1
54	A spiropyran-based fluorescent probe for the specific detection of β -amyloid peptide oligomers in Alzheimer's disease. <i>Chemical Communications</i> , 2016 , 52, 8865-8	5.8	64
53	A Bonded Double-Doped Graphene Nanoribbon Framework for Advanced Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16649-55	9.5	12

52	A novel o -nitrobenzyl-based photocleavable antitumor prodrug with the capability of releasing 5-fluorouracil. <i>Science Bulletin</i> , 2016 , 61, 459-467	10.6	8
51	Evolution of Rhodamine B into Near-Infrared Dye by Phototriggered Radical Reaction and Its Application for Lysosome-Specific Live-Cell Imaging. <i>Advanced Optical Materials</i> , 2016 , 4, 1367-1372	8.1	6
50	Novel Hydrogel Material as a Potential Embolic Agent in Embolization Treatments. <i>Scientific Reports</i> , 2016 , 6, 32145	4.9	19
49	Steric-Structure-Dependent Gel Formation, Hierarchical Structures, Rheological Behavior, and Surface Wettability. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3196-3204	4.5	15
48	Polymorphism and mechanochromic luminescence of a highly solid-emissive quinoline-ketone boron difluoride dye. <i>CrystEngComm</i> , 2015 , 17, 6674-6680	3.3	33
47	Density controlled oil uptake and beyond: from carbon nanotubes to graphene nanoribbon aerogels. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20547-20553	13	58
46	Photoisomerization-induced morphology and transparency transition in an azobenzene based two-component organogel system. <i>Journal of Colloid and Interface Science</i> , 2015 , 458, 187-93	9.3	15
45	Mitochondria-Directed Fluorescent Probe for the Detection of Hydrogen Peroxide near Mitochondrial DNA. <i>Analytical Chemistry</i> , 2015 , 87, 10579-84	7.8	83
44	Tunable and Switchable Control of Luminescence through Multiple Physical Stimulations in Aggregation-Based Monocomponent Systems. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24312-21	9.5	39
43	Intrinsically Coupled 3D Frameworks as Anode Materials for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2015 , 27, 7289-7295	9.6	24
42	White light emission from a two-component hybrid gel via an energy transfer process. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 32297-303	3.6	21
41	Diarylethene based fluorescent switchable probes for the detection of amyloid- β pathology in Alzheimer's disease. <i>Chemical Communications</i> , 2015 , 51, 125-8	5.8	48
40	A Programmed DNA Marker Based on Bis(4-ethynyl-1,8-naphthalimide) and Three-Methane-Bridged Thiazole Orange. <i>Chemistry - A European Journal</i> , 2015 , 21, 16623-30	4.8	7
39	Visual Recognition of Aliphatic and Aromatic Amines Using a Fluorescent Gel: Application of a Sonication-Triggered Organogel. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13569-77	9.5	93
38	Vesicle-tube-fiber evolution via spontaneous fusion in a self-correcting supramolecular tissue. <i>CrystEngComm</i> , 2015 , 17, 8039-8046	3.3	18
37	Sugar based nanotube assembly for the construction of sonication triggered hydrogel: an application of the entrapment of tetracycline hydrochloride. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7366-7371	7.3	29
36	Rational design of three-dimensional nitrogen-doped carbon nanoleaf networks for high-performance oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5617-5627	13	28
35	Low-molecular-mass gels responding to ultrasound and mechanical stress: towards self-healing materials. <i>Chemical Society Reviews</i> , 2014 , 43, 5346-71	58.5	368

34	Two-component organogel for visually detecting nitrite anion. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1854-1861	7.1	42
33	Large red-shifted fluorescent emission via intermolecular π -stacking in 4-ethynyl-1,8-naphthalimide-based supramolecular assemblies. <i>Langmuir</i> , 2014 , 30, 11753-60	4	115
32	A ratiometric fluorescent probe for the detection of hydroxyl radicals in living cells. <i>Chemical Communications</i> , 2014 , 50, 4843-5	5.8	49
31	Polymorphism-dependent and piezochromic luminescence based on molecular packing of a conjugated molecule. <i>Chemical Science</i> , 2014 , 5, 3922-3928	9.4	111
30	A highly sensitive ratiometric fluorescent probe for the detection of cytoplasmic and nuclear hydrogen peroxide. <i>Analytical Chemistry</i> , 2014 , 86, 9970-6	7.8	109
29	Fabrication of multiplicate nanostructures via manipulation of the self-assembly between an adamantane based gelator and cyclodextrin. <i>Soft Matter</i> , 2013 , 9, 9449	3.6	18
28	Colour change and luminescence enhancement in a cholesterol-based terpyridyl platinum metallogel via sonication. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1753	7.1	53
27	Organogel of fluorescein-based derivative formation in the selected pH value. <i>Supramolecular Chemistry</i> , 2013 , 25, 881-885	1.8	3
26	From nano ribbon to fibre by concentration control. <i>CrystEngComm</i> , 2012 , 14, 8057	3.3	13
25	Thixotropic and self-healing triggered reversible rheology switching in a peptide-based organogel with a cross-linked nano-ring pattern. <i>Soft Matter</i> , 2012 , 8, 3329	3.6	98
24	Morphological transformation between three-dimensional gel network and spherical vesicles via sonication. <i>Soft Matter</i> , 2012 , 8, 4494	3.6	56
23	Formation and regulation of supramolecular chirality in organogel via addition of tartaric acid. <i>Science Bulletin</i> , 2012 , 57, 4272-4277		5
22	A molecular peptide beacon for the ratiometric sensing of nucleic acids. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1958-61	16.4	130
21	Iridium complex triggered white-light-emitting gel and its response to cysteine. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2650-2657		65
20	Ultrasound Assisted Co-aggregation of a Two-component System with Multicolor Emission and Its Response to Acid. <i>Acta Chimica Sinica</i> , 2012 , 70, 2016	3.3	5
19	Peptide functionalized polydiacetylene liposomes act as a fluorescent turn-on sensor for bacterial lipopolysaccharide. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9720-3	16.4	158
18	From vesicles to solid spheres: terminal functional group induced morphology modification. <i>Soft Matter</i> , 2010 , 6, 2679	3.6	18
17	Formation of a large-scale ordered honeycomb pattern by an organogelator via a self-assembly process. <i>Chemical Communications</i> , 2010 , 46, 3553-5	5.8	52

16	Zn ²⁺ cation triggers self-assembly of cyclen into a stable metallogel. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2010 , 5, 184-192		1
15	Gelation induced reversible syneresis via structural evolution. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3971		27
14	Multiresponsive switchable diarylethene and its application in bioimaging. <i>Organic Letters</i> , 2009 , 11, 3818-21	6.2	107
13	FRET-based sensor for imaging chromium(III) in living cells. <i>Chemical Communications</i> , 2008 , 3387-9	5.8	336
12	Tunable red/green/blue fluorescent organogels on the basis of intermolecular energy transfer. <i>Journal of Materials Chemistry</i> , 2008 , 18, 886		72
11	Amphiphilic diarylethene as a photoswitchable probe for imaging living cells. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15750-1	16.4	186
10	A novel photo-responsive organogel based on azobenzene. <i>Journal of Physical Organic Chemistry</i> , 2008 , 21, 338-343	2.1	32
9	Ultrasound Switch and Thermal Self-Repair of Morphology and Surface Wettability in a Cholesterol-Based Self-Assembly System. <i>Angewandte Chemie</i> , 2008 , 120, 1079-1083	3.6	46
8	A Highly Selective and Multisignaling Optical/Electrochemical Sensor for Hg ²⁺ Based on a Phosphorescent Iridium(III) Complex. <i>Organometallics</i> , 2007 , 26, 2077-2081	3.8	181
7	Hydrogen bonding assisted switchable fluorescence in self-assembled complexes containing diarylethene: controllable fluorescent emission in the solid state. <i>Journal of Materials Chemistry</i> , 2007 , 17, 2483		74
6	Thermostable succinonitrile-based gel electrolyte for efficient, long-life dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1602		60
5	Novel Chromogenic Chemosensors for Fluoride Anion Based on 8-Hydroxyquinoline Azo Derivatives. <i>Chinese Journal of Chemistry</i> , 2007 , 25, 616-622	4.9	9
4	Nanohybrid material of bilateral switch based on diarylethene. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 975-980	2.1	10
3	Tuning of the Spin States in Trinuclear Cobalt Compounds of Pyridazine by the Second Simple Bridging Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1381-1387	2.3	20
2	Ionic Liquid Based Electrolyte with Mesoporous Silica SBA-15 as Framework for Quasi-solid-state Dye-sensitized Solar Cells. <i>Chinese Journal of Chemistry</i> , 2006 , 24, 1737-1740	4.9	7
1	Design of high contrast mechanochromic materials based on aggregation-induced emissive pyran derivatives guided by polymorph prediction. <i>CCS Chemistry</i> , 1-25	7.2	0