

Xiao-Peng He

List of Publications by Year in descending order

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Version: 2024-02-01

177
papers

8,971
citations

46918

47
h-index

51492

86
g-index

195
all docs

195
docs citations

195
times ranked

8035
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018, 47, 8842-8880.	18.7	993
2	Förster resonance energy transfer (FRET)-based small-molecule sensors and imaging agents. <i>Chemical Society Reviews</i> , 2020, 49, 5110-5139.	18.7	516
3	Fluorogenic probes for disease-relevant enzymes. <i>Chemical Society Reviews</i> , 2019, 48, 683-722.	18.7	451
4	Reaction-Based Fluorescent Probes for the Detection and Imaging of Reactive Oxygen, Nitrogen, and Sulfur Species. <i>Accounts of Chemical Research</i> , 2019, 52, 2582-2597.	7.6	442
5	Small-molecule fluorescence-based probes for interrogating major organ diseases. <i>Chemical Society Reviews</i> , 2021, 50, 9391-9429.	18.7	176
6	An ESIPT Probe for the Ratiometric Imaging of Peroxynitrite Facilitated by Binding to A β -Aggregates. <i>Journal of the American Chemical Society</i> , 2018, 140, 14267-14271.	6.6	155
7	Remote light-controlled intracellular target recognition by photochromic fluorescent glycoprobes. <i>Nature Communications</i> , 2017, 8, 987.	5.8	141
8	The development of a novel AND logic based fluorescence probe for the detection of peroxynitrite and GSH. <i>Chemical Science</i> , 2018, 9, 3672-3676.	3.7	136
9	Fluorescent probes for the imaging of lipid droplets in live cells. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213577.	9.5	123
10	Selective fluorogenic imaging of hepatocellular H ₂ S by a galactosyl azidonaphthalimide probe. <i>Chemical Communications</i> , 2015, 51, 3653-3655.	2.2	121
11	Multiplexed photoluminescent sensors: towards improved disease diagnostics. <i>Chemical Society Reviews</i> , 2017, 46, 6687-6696.	18.7	118
12	Photochromic Fluorescent Probe Strategy for the Super-resolution Imaging of Biologically Important Biomarkers. <i>Journal of the American Chemical Society</i> , 2020, 142, 18005-18013.	6.6	118
13	Photocontrolled Fluorescence "Double-Check" Bioimaging Enabled by a Glycoprobe-Protein Hybrid. <i>Journal of the American Chemical Society</i> , 2018, 140, 8671-8674.	6.6	116
14	Transition metal chelators, pro-chelators, and ionophores as small molecule cancer chemotherapeutic agents. <i>Chemical Society Reviews</i> , 2020, 49, 3726-3747.	18.7	115
15	Fluorogenic Probing of Specific Recognitions between Sugar Ligands and Glycoprotein Receptors on Cancer Cells by an Economic Graphene Nanocomposite. <i>Advanced Materials</i> , 2013, 25, 4097-4101.	11.1	113
16	Long-wavelength fluorescent boronate probes for the detection and intracellular imaging of peroxynitrite. <i>Chemical Communications</i> , 2017, 53, 12822-12825.	2.2	112
17	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	4.3	110
18	Carbohydrate CuAAC click chemistry for therapy and diagnosis. <i>Carbohydrate Research</i> , 2016, 429, 1-22.	1.1	109

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19	Probing disease-related proteins with fluorogenic composite materials. <i>Chemical Society Reviews</i> , 2015, 44, 4239-4248.	18.7	108
20	Targeted Intracellular Production of Reactive Oxygen Species by a 2D Molybdenum Disulfide Glycosheet. <i>Advanced Materials</i> , 2016, 28, 9356-9363.	11.1	108
21	Novel triazolyl bis-amino acid derivatives readily synthesized via click chemistry as potential corrosion inhibitors for mild steel in HCl. <i>Corrosion Science</i> , 2012, 57, 220-227.	3.0	105
22	Targeting Osteocytes to Attenuate Early Breast Cancer Bone Metastasis by Theranostic Upconversion Nanoparticles with Responsive Plumbagin Release. <i>ACS Nano</i> , 2017, 11, 7259-7273.	7.3	100
23	Highly Enantioselective Construction of 3-Hydroxy Oxindoles through a Decarboxylative Aldol Addition of Trifluoromethyl Fluorinated Gem-Diols to N-Benzyl Isatins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5566-5570.	7.2	99
24	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3658-3664.	7.2	94
25	Highly optically selective and electrochemically active chemosensor for copper (II) based on triazole-linked glucosyl anthraquinone. <i>Dyes and Pigments</i> , 2011, 88, 391-395.	2.0	91
26	Dual-Channel Fluorescent Probe for the Simultaneous Monitoring of Peroxynitrite and Adenosine-5-triphosphate in Cellular Applications. <i>Journal of the American Chemical Society</i> , 2022, 144, 174-183.	6.6	89
27	Recent progress in quantum dot based sensors. <i>RSC Advances</i> , 2015, 5, 26644-26653.	1.7	81
28	Fluorogenic Resveratrol-Confined Graphene Oxide For Economic and Rapid Detection Of Alzheimer's Disease. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5379-5382.	4.0	79
29	Photoluminescence Architectures for Disease Diagnosis: From Graphene to Thin-Layer Transition Metal Dichalcogenides and Oxides. <i>Small</i> , 2016, 12, 144-160.	5.2	78
30	Epimeric Monosaccharide-Quinone Hybrids on Gold Electrodes toward the Electrochemical Probing of Specific Carbohydrate-Protein Recognitions. <i>Journal of the American Chemical Society</i> , 2011, 133, 3649-3657.	6.6	75
31	Identification of diverse 1,2,3-triazole-connected benzyl glycoside-serine/threonine conjugates as potent corrosion inhibitors for mild steel in HCl. <i>Corrosion Science</i> , 2012, 64, 64-73.	3.0	75
32	Sensors, Imaging Agents, and Theranostics to Help Understand and Treat Reactive Oxygen Species Related Diseases. <i>Small Methods</i> , 2019, 3, 1900013.	4.6	72
33	Hepatoma-selective imaging of heavy metal ions using a "clicked" galactosylrhodamine probe. <i>Chemical Communications</i> , 2014, 50, 11735-11737.	2.2	69
34	ESIPT-based fluorescence probe for the rapid detection of peroxynitrite AND biological thiols. <i>Chemical Communications</i> , 2018, 54, 11336-11339.	2.2	64
35	Fluorescent glycoprobes: a sweet addition for improved sensing. <i>Chemical Communications</i> , 2017, 53, 82-90.	2.2	62
36	Glycosylation enhances the aqueous sensitivity and lowers the cytotoxicity of a naphthalimide zinc ion fluorescence probe. <i>Chemical Communications</i> , 2015, 51, 11852-11855.	2.2	59

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37	Creation of 3,4-bis-triazolocoumarinâ€“sugar conjugates via fluorogenic dual click chemistry and their quenching specificity with silver(I) in aqueous media. <i>Tetrahedron</i> , 2011, 67, 3343-3347.	1.0	56
38	Discovery of a sensitive Cu(II)-cyanide â€œoffâ€“onâ€“sensor based on new C-glycosyl triazolyl bis-amino acid scaffold. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 555-560.	1.5	56
39	Metal-based imaging agents: progress towards interrogating neurodegenerative disease. <i>Chemical Society Reviews</i> , 2020, 49, 2886-2915.	18.7	56
40	Multivalent Glycosheets for Double Lightâ€“Driven Therapy of Multidrugâ€“Resistant Bacteria on Wounds. <i>Advanced Functional Materials</i> , 2019, 29, 1806986.	7.8	55
41	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3366-3371.	7.2	52
42	Probing sugarâ€“lectin recognitions in the near-infrared region using glyco-diketopyrrolopyrrole with aggregation-induced-emission. <i>Biosensors and Bioelectronics</i> , 2015, 65, 420-426.	5.3	51
43	Lightening Up Membrane Receptors with Fluorescent Molecular Probes and Supramolecular Materials. <i>CheM</i> , 2018, 4, 246-268.	5.8	51
44	Metalâ€“organic frameworks (MOFs) as host materials for the enhanced delivery of biomacromolecular therapeutics. <i>Chemical Communications</i> , 2021, 57, 12098-12110.	2.2	51
45	Bioâ€“Conjugated Advanced Materials for Targeted Disease Theranostics. <i>Advanced Functional Materials</i> , 2020, 30, 1907906.	7.8	51
46	Protein encapsulation: a new approach for improving the capability of small-molecule fluorogenic probes. <i>Chemical Science</i> , 2020, 11, 1107-1113.	3.7	49
47	Fluorescent glycoconjugates and their applications. <i>Chemical Society Reviews</i> , 2020, 49, 593-641.	18.7	49
48	Selective Fluorescence Detection of Monosaccharides Using a Material Composite Formed between Graphene Oxide and Boronate-Based Receptors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10078-10082.	4.0	47
49	Photochromism and molecular logic gate operation of a water-compatible bis-glycosyl diarylethene. <i>Chemical Communications</i> , 2017, 53, 9494-9497.	2.2	47
50	â€“ANDâ€“based fluorescence scaffold for the detection of ROS/RNS and a second analyte. <i>Chemical Communications</i> , 2018, 54, 8466-8469.	2.2	47
51	Expeditious preparation of triazole-linked glycolipids via microwave accelerated click chemistry and their electrochemical and biological assessments. <i>Tetrahedron</i> , 2010, 66, 9974-9980.	1.0	46
52	Deferasirox (ExJade): An FDA-Approved AIEgen Platform with Unique Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2021, 143, 1278-1283.	6.6	46
53	Ratiometric glyco-probe for transient determination of thiophenol in full aqueous solution and river water. <i>Dyes and Pigments</i> , 2015, 116, 52-57.	2.0	45
54	Ratiometric Detection of β -Amyloid and Discrimination from Lectins by a Supramolecular AIE Glyconanoparticle. <i>Small</i> , 2016, 12, 6562-6567.	5.2	44

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55	Targeted multimodal theranostics via biorecognition controlled aggregation of metallic nanoparticle composites. <i>Chemical Science</i> , 2016, 7, 4004-4008.	3.7	43
56	One-Step Click Engineering Considerably Ameliorates the Practicality of an Unqualified Rhodamine Probe. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19600-19605.	4.0	42
57	Capturing intercellular sugar-mediated ligand-receptor recognitions via a simple yet highly biospecific interfacial system. <i>Scientific Reports</i> , 2013, 3, 2293.	1.6	41
58	Simultaneous Detection of Diverse Glycoligand-Receptor Recognitions Using a Single-Excitation, Dual-Emission Graphene Composite. <i>Advanced Functional Materials</i> , 2015, 25, 3483-3487.	7.8	41
59	Colorimetric and Plasmonic Detection of Lectins Using Core-Shell Gold Glyconanoparticles Prepared by Copper-Free Click Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1874-1878.	4.0	41
60	Dynamic tracking of pathogenic receptor expression of live cells using pyrenyl glycoanthraquinone-decorated graphene electrodes. <i>Chemical Science</i> , 2015, 6, 1996-2001.	3.7	40
61	Rapid Identification of the Receptor-Binding Specificity of Influenza A Viruses by Fluorogenic Glycofoldamers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13995-13999.	7.2	39
62	Intracellular pH sensing and targeted imaging of lysosome by a galactosyl naphthalimide-piperazine probe. <i>Dyes and Pigments</i> , 2016, 133, 372-379.	2.0	39
63	Fluorogenic 2D Peptidosheet Unravels CD47 as a Potential Biomarker for Profiling Hepatocellular Carcinoma and Cholangiocarcinoma Tissues. <i>Advanced Materials</i> , 2017, 29, 1604253.	11.1	37
64	Manganese(II) Texaphyrin: A Paramagnetic Photoacoustic Contrast Agent Activated by Near-IR Light. <i>Journal of the American Chemical Society</i> , 2020, 142, 16156-16160.	6.6	37
65	A per-acetyl glycosyl rhodamine as a novel fluorescent ratiometric probe for mercury (II). <i>Dyes and Pigments</i> , 2014, 102, 273-277.	2.0	36
66	Cyclodextrin-Based Peptide Self-Assemblies (Spds) That Enhance Peptide-Based Fluorescence Imaging and Antimicrobial Efficacy. <i>Journal of the American Chemical Society</i> , 2020, 142, 1925-1932.	6.6	36
67	Low-dimensional nanomaterials for antibacterial applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3640-3661.	2.9	36
68	Preparation of triazole-linked glycosylated α -ketocarboxylic acid derivatives as new PTP1B inhibitors. <i>Carbohydrate Research</i> , 2011, 346, 140-145.	1.1	35
69	Target-Specific Imaging of Transmembrane Receptors Using Quinonyl Glycosides Functionalized Quantum Dots. <i>Analytical Chemistry</i> , 2014, 86, 5502-5507.	3.2	35
70	Taking Orders from Light: Photo-Switchable Working/Inactive Smart Surfaces for Protein and Cell Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8498-8507.	4.0	35
71	Glypican-3-targeted precision diagnosis of hepatocellular carcinoma on clinical sections with a supramolecular 2D imaging probe. <i>Theranostics</i> , 2018, 8, 3268-3274.	4.6	35
72	Substitution Pattern Reverses the Fluorescence Response of Coumarin Glycoligands upon Coordination with Silver (I). <i>Scientific Reports</i> , 2014, 4, 4252.	1.6	34

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73	A unique and rapid approach toward the efficient development of novel protein tyrosine phosphatase (PTP) inhibitors based on "clicked" pseudo-glycopeptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1092-1096.	1.0	33
74	Comparative studies on the enantioselective fluorination of oxindoles with structurally modified N-fluorobenzenesulfonimides. <i>Tetrahedron</i> , 2013, 69, 4933-4937.	1.0	33
75	Receptor-targeting fluorescence imaging and theranostics using a graphene oxide based supramolecular glycocomposite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9182-9185.	2.9	33
76	Foldable glycoprobes capable of fluorogenic crosslinking of biomacromolecules. <i>Chemical Science</i> , 2016, 7, 6325-6329.	3.7	32
77	Microwave-assisted construction of triazole-linked amino acid-glucoside conjugates as novel PTP1B inhibitors. <i>New Journal of Chemistry</i> , 2011, 35, 622.	1.4	31
78	Bis-triazolyl indoleamines as unique "off" approach "on" chemosensors for copper and fluorine. <i>Analyst</i> , 2013, 138, 2808.	1.7	31
79	"Click" to bidentate bis-triazolyl sugar derivatives with promising biological and optical features. <i>Tetrahedron Letters</i> , 2011, 52, 894-898.	0.7	30
80	Concise Cu ^I -Catalyzed Azide-Alkyne 1,3-Dipolar Cycloaddition Reaction Ligation Remarkably Enhances the Corrosion Inhibitive Potency of Natural Amino Acids for Mild Steel in HCl. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 7160-7169.	1.8	30
81	Fluorogenic bis-triazolyl galactoprobe-metal complex for full-aqueous analysis of sulfide ion. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 197-201.	4.0	30
82	Facile fabrication of promising protein tyrosine phosphatase (PTP) inhibitor entities based on "clicked" serine/threonine-monosaccharide hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3892-3900.	1.4	29
83	ESIPT-based fluorescence probe for the ratiometric detection of superoxide. <i>New Journal of Chemistry</i> , 2019, 43, 2875-2877.	1.4	29
84	Click to a focused library of benzyl 6-triazolo(hydroxy)benzoic glucosides: Novel construction of PTP1B inhibitors on a sugar scaffold. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4212-4218.	2.6	27
85	Fluorescence Analysis of Circulating Exosomes for Breast Cancer Diagnosis Using a Sensor Array and Deep Learning. <i>ACS Sensors</i> , 2022, 7, 1524-1532.	4.0	27
86	A fluorogenic 2D glycosheet for the simultaneous identification of human- and avian-receptor specificity in influenza viruses. <i>Materials Horizons</i> , 2017, 4, 431-436.	6.4	26
87	Vibration-Induced-Emission (VIE) for imaging amyloid β fibrils. <i>Faraday Discussions</i> , 2017, 196, 395-402.	1.6	26
88	Pinkment: a synthetic platform for the development of fluorescent probes for diagnostic and theranostic applications. <i>Chemical Science</i> , 2020, 11, 8567-8571.	3.7	26
89	Fluorogenic supramolecular complexes formed between pyrenyl- β -cyclodextrin and glyco-rhodamine for the selective detection of lectins. <i>Chemical Communications</i> , 2014, 50, 14141-14144.	2.2	25
90	Tetraphenylethylene-based glycoclusters with aggregation-induced emission (AIE) properties as high-affinity ligands of bacterial lectins. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8804-8809.	1.5	25

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91	A general strategy to the intracellular sensing of glycosidases using AIE-based glycoclusters. <i>Chemical Science</i> , 2021, 13, 247-256.	3.7	25
92	An insight into graphene oxide associated fluorogenic sensing of glycodeâ€“lectin interactions. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6656-6661.	2.9	24
93	Biodegradable macroporous scaffold with nano-crystal surface microstructure for highly effective osteogenesis and vascularization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1658-1667.	2.9	24
94	Preferential Colonization of Osteoblasts Over Co-cultured Bacteria on a Bifunctional Biomaterial Surface. <i>Frontiers in Microbiology</i> , 2018, 9, 2219.	1.5	24
95	A homogeneous high-throughput array for the detection and discrimination of influenza A viruses. <i>CheM</i> , 2022, 8, 1750-1761.	5.8	24
96	Research on the structureâ€“surface adsorptive activity relationships of triazolyl glycolipid derivatives for mild steel in HCl. <i>Carbohydrate Research</i> , 2012, 354, 32-39.	1.1	22
97	Quick Serological Detection of a Cancer Biomarker with an Agglutinated Supramolecular Glycoprobe. <i>Analytical Chemistry</i> , 2015, 87, 9078-9083.	3.2	22
98	Self-assembled sialyllactosyl probes with aggregation-enhanced properties for ratiometric detection and blocking of influenza viruses. <i>Science Bulletin</i> , 2019, 64, 1902-1909.	4.3	22
99	Protein Encapsulation: A Nanocarrier Approach to the Fluorescence Imaging of an Enzyme-Based Biomarker. <i>Frontiers in Chemistry</i> , 2020, 8, 389.	1.8	22
100	Supramolecular fluorogenic peptide sensor array based on graphene oxide for the differential sensing of ebola virus. <i>Chemical Communications</i> , 2020, 56, 5735-5738.	2.2	22
101	Tuning the Solid- and Solution-State Fluorescence of the Iron-Chelator Deferasirox. <i>Journal of the American Chemical Society</i> , 2022, 144, 7382-7390.	6.6	22
102	Triazole-Linked Glycolipids Enhance the Susceptibility of MRSA to Î²-Lactam Antibiotics. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 793-797.	1.3	21
103	Targeted fluorescence imaging enhanced by 2D materials: a comparison between 2D MoS ₂ and graphene oxide. <i>Chemical Communications</i> , 2016, 52, 9418-9421.	2.2	21
104	Supramolecular coreâ€“glycoshell polythiophene nanodots for targeted imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 9793-9796.	2.2	21
105	A glycoconjugate-based gold nanoparticle approach for the targeted treatment of <i>Pseudomonas aeruginosa</i> biofilms. <i>Nanoscale</i> , 2020, 12, 23234-23240.	2.8	21
106	Supramolecular Ensembles Formed between Charged Conjugated Polymers and Glycoprobes for the Fluorogenic Recognition of Receptor Proteins. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13601-13606.	4.0	20
107	Probing Mannose-Binding Proteins That Express on Live Cells and Pathogens with a Diffusion-to-Surface Ratiometric Graphene Electrosensor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25137-25141.	4.0	19
108	D-A-D fluorogenic probe for the rapid imaging of amyloid Î² plaques in vivo. <i>Dyes and Pigments</i> , 2017, 136, 224-228.	2.0	19

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109	Triazole-linked Benzylated Glucosyl, Galactosyl, and Mannosyl Monomers and Dimers as Novel Sugar Scaffold-based PTP1B Inhibitors. <i>Chemistry Letters</i> , 2010, 39, 1261-1263.	0.7	18
110	“Pungent”™ Copper Surface Resists Acid Corrosion in Strong HCl Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 64-69.	1.8	18
111	“Clicked”-galactosyl anthraquinone on graphene electrodes for the label-free impedance detection of live cancer cells. <i>Dyes and Pigments</i> , 2015, 121, 312-315.	2.0	18
112	A “Clicked”™ Tetrameric Hydroxamic Acid Glycopeptidomimetic Antagonizes Sugar-Lectin Interactions On The Cellular Level. <i>Scientific Reports</i> , 2015, 4, 5513.	1.6	18
113	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 3687-3693.	1.6	18
114	Synthesis of novel 6-triazologlycolipids via click chemistry and their preliminary cytotoxicity assessments. <i>Molecular Diversity</i> , 2011, 15, 889-900.	2.1	17
115	Interlocked supramolecular glycoconjugated polymers for receptor-targeting theranostics. <i>Chemical Communications</i> , 2016, 52, 3821-3824.	2.2	17
116	Construction of triazolyl bidentate glycoligands (TBGs) by grafting of 3-azidocoumarin to epimeric pyranoglycosides via a fluorogenic dual click reaction. <i>Carbohydrate Research</i> , 2012, 363, 38-42.	1.1	16
117	The Regio-specific solvent controlled asymmetric Strecker reaction of trifluoromethyl α,β -unsaturated N-tert-butanefulfinyl ketimines with trimethylsilyl cyanide. <i>Journal of Fluorine Chemistry</i> , 2012, 144, 102-107.	0.9	16
118	N-Oxyamide-linked glyco-glycerolipid coated AuNPs for receptor-targeting imaging and drug delivery. <i>Chemical Communications</i> , 2016, 52, 2284-2287.	2.2	16
119	Thiophenol detection using an AIE fluorescent probe through self-assembly with TPE-based glycoclusters. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9251-9256.	1.5	16
120	Graphene nanoribbon-based supramolecular ensembles with dual-receptor targeting function for targeted photothermal tumor therapy. <i>Chemical Science</i> , 2021, 12, 11089-11097.	3.7	16
121	Anthraquinonyl glycoside facilitates the standardization of graphene electrodes for the impedance detection of lectins. <i>Chemistry Central Journal</i> , 2014, 8, 67.	2.6	15
122	Sialylglycan-Assembled Supra-Dots for Ratiometric Probing and Blocking of Human-Infecting Influenza Viruses. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25164-25170.	4.0	15
123	A Leucine Aminopeptidase-Activated Theranostic Prodrug for Cancer Diagnosis and Chemotherapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 4904-4910.	2.3	15
124	Self-Assembled 2D Glycoclusters for the Targeted Delivery of Theranostic Agents to Triple-Negative Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22181-22187.	4.0	15
125	Fluorescence Imaging of Alzheimer's Disease with a Flat Ensemble Formed between a Quinoline-Malononitrile AIEgen and Thin-Layer Molybdenum Disulfide. <i>ChemBioChem</i> , 2019, 20, 1856-1860.	1.3	15
126	Dual enzyme activated fluorescein based fluorescent probe. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 117-121.	2.3	15

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127	Long-Wavelength AIE-Based Fluorescent Probes for Mitochondria-Targeted Imaging and Photodynamic Therapy of Hepatoma Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 7016-7024.	2.3	15
128	Synthesis of (Glycopyranosyl- β -triazolyl)- β -purines and Their Inhibitory Activities against Protein Tyrosine Phosphatase 1B (PTP1B). <i>Chemistry and Biodiversity</i> , 2011, 8, 2035-2044.	1.0	14
129	Revisit of a dipropargyl rhodamine probe reveals its alternative ion sensitivity in both a solution and live cells. <i>Analyst</i> , 2013, 138, 7087.	1.7	14
130	Aminochlorination of Alkenes with CFBSA. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4526-4533.	1.2	14
131	Perylenediimide-based glycoclusters as high affinity ligands of bacterial lectins: synthesis, binding studies and anti-adhesive properties. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10037-10043.	1.5	14
132	Osteogenesis, vascularization and osseointegration of a bioactive multiphase macroporous scaffold in the treatment of large bone defects. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4197-4204.	2.9	14
133	A Simple Near-Infrared Fluorescent Probe for the Detection of Peroxynitrite. <i>ChemistryOpen</i> , 2019, 8, 1407-1409.	0.9	14
134	Coumarin-based fluorescent probe for the rapid detection of peroxynitrite AND biological thiols. <i>RSC Advances</i> , 2020, 10, 13496-13499.	1.7	14
135	TCF-ALP: a fluorescent probe for the selective detection of Staphylococcus bacteria and application in smart wound dressings. <i>Biomaterials Science</i> , 2021, 9, 4433-4439.	2.6	14
136	Synthesis of 12 C-glycopyranosyl-1,4-naphthoquinone derivatives and their cytotoxic activity. <i>Carbohydrate Research</i> , 2008, 343, 773-779.	1.1	13
137	Discovering the distinct inhibitory effects between C4-epimeric glycosyl amino acids: new insight into the development of protein tyrosine phosphatase inhibitors. <i>Glycoconjugate Journal</i> , 2011, 28, 493-497.	1.4	13
138	A supramolecular pyrenyl glycoside-coated 2D MoS ₂ composite electrode for selective cell capture. <i>Chemical Communications</i> , 2016, 52, 11689-11692.	2.2	13
139	Supramolecular assembly of fluorogenic glyco-dots from perylenediimide-based glycoclusters for targeted imaging of cancer cells. <i>Chemical Communications</i> , 2017, 53, 11937-11940.	2.2	13
140	The Evaluation of Ester Functionalised TCF-Based Fluorescent Probes for the Detection of Bacterial Species. <i>Israel Journal of Chemistry</i> , 2021, 61, 234-238.	1.0	13
141	The anomeric mixture of some O-galactolipid derivatives is more toxic against cancer cells than either anomer alone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2030-2032.	1.0	12
142	Supramolecular Polymer Dot Ensemble for Ratiometric Detection of Lectins and Targeted Delivery of Imaging Agents. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3272-3276.	4.0	12
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