

# Tony D James

## List of Publications by Year in descending order

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415  
papers

29,016  
citations

5569

82  
h-index

7511

151  
g-index

468  
all docs

468  
docs citations

468  
times ranked

18393  
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical strategy to develop isoform-selective near-infrared fluorescent probes for human cytochrome P450 enzymes. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1976-1986.	5.7	11
2	Visual identification of gut bacteria and determination of natural inhibitors using a fluorescent probe selective for PGP-1. <i>Analytica Chimica Acta</i> , 2022, 1191, 339280.	2.6	6
3	Rational Design of a Two-Photon Fluorescent Probe for Human Cytochrome P450 3A and the Visualization of Mechanism-Based Inactivation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
4	Rational Design of a Two-Photon Fluorescent Probe for Human Cytochrome P450 3A and the Visualization of Mechanism-Based Inactivation. <i>Angewandte Chemie</i> , 2022, 134, e202113191.	1.6	1
5	Self-assembling fluorescent hydrogel for highly efficient water purification and photothermal conversion. <i>Chemical Engineering Journal</i> , 2022, 431, 134245.	6.6	39
6	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	4.3	110
7	Polymer indicator displacement assay: electrochemical glucose monitoring based on boronic acid receptors and graphene foam competitively binding with poly-nordihydroguaiaretic acid. <i>Analyst</i> , The, 2022, 147, 661-670.	1.7	3
8	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 2022, 13, 4523-4532.	3.7	55
9	Near-infrared fluorescent probe for hydrogen sulfide: high-fidelity ferroptosis evaluation <i>in vivo</i> during stroke. <i>Chemical Science</i> , 2022, 13, 2992-3001.	3.7	44
10	Targeted delivery of maytansine to liver cancer cells <i>via</i> galactose-modified supramolecular two-dimensional glycomaterial. <i>Chemical Communications</i> , 2022, 58, 5029-5032.	2.2	6
11	Sustainable Afterglow Room-Temperature Phosphorescence Emission Materials Generated Using Natural Phenolics. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
12	Sustainable Afterglow Room-Temperature Phosphorescence Emission Materials Generated Using Natural Phenolics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
13	A spiropyran with low pKa for tracking DNA G-quadruplexes and revealing the dissipation of $\text{H}^+$ with senescence using an in-situ switching strategy. <i>Sensors and Actuators B: Chemical</i> , 2022, 359, 131618.	4.0	7
14	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
15	Special issue on "Molecular sensors and molecular logic gates". <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 1-3.	2.3	3
16	Reducing Valence States of Co Active Sites in a Single-Atom Nanozyme for Boosted Tumor Therapy. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	47
17	Simultaneous tracking of autophagy and oxidative stress during stroke with an ICT-TBET integrated ratiometric two-photon platform. <i>Chemical Science</i> , 2022, 13, 5363-5373.	3.7	28
18	Repurposing lignin to generate functional afterglow paper. <i>Cell Reports Physical Science</i> , 2022, 3, 100867.	2.8	3

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19	Nanococktail Based on Supramolecular Glyco-Assembly for Eradicating Tumors <i>In Vivo</i> . ACS Applied Materials & Interfaces, 2022, 14, 20749-20761.	4.0	9
20	mtDNA-Specific Ultrasensitive Near-Infrared Fluorescent Probe Enables the Differentiation of Healthy and Apoptotic Cells. Analytical Chemistry, 2022, 94, 7510-7519.	3.2	10
21	An upcycled wood sponge adsorbent for drinking water purification by solar steam generation. Environmental Science: Nano, 2022, 9, 2559-2571.	2.2	5
22	Visual Sensing of Î²-Glucosidase From Intestinal Fungus in the Generation of Cytotoxic Icarisid II. Frontiers in Chemistry, 2022, 10, .	1.8	2
23	Fluorescent probes and functional materials for biomedical applications. Frontiers of Chemical Science and Engineering, 2022, 16, 1425-1437.	2.3	12
24	Indicator displacement assays (IDAs): the past, present and future. Chemical Society Reviews, 2021, 50, 9-38.	18.7	139
25	Current strategies for the development of fluorescence-based molecular probes for visualizing the enzymes and proteins associated with Alzheimer's disease. Coordination Chemistry Reviews, 2021, 427, 213553.	9.5	39
26	Fluorescent probes for the imaging of lipid droplets in live cells. Coordination Chemistry Reviews, 2021, 427, 213577.	9.5	123
27	The Bull-James assembly: Efficient iminoboronate complex formation for chiral derivatization and supramolecular assembly. Coordination Chemistry Reviews, 2021, 428, 213599.	9.5	19
28	Theoretical evaluation of the carbene-based site-selectivity in gold(III)-catalyzed annulations of alkynes with anthranils. Chemical Communications, 2021, 57, 1494-1497.	2.2	5
29	Organic/inorganic supramolecular nano-systems based on host/guest interactions. Coordination Chemistry Reviews, 2021, 428, 213609.	9.5	31
30	Stress response decay with aging visualized using a dual-channel logic-based fluorescent probe. Chemical Science, 2021, 12, 13483-13491.	3.7	24
31	TCF-ALP: a fluorescent probe for the selective detection of Staphylococcus bacteria and application in smart wound dressings. Biomaterials Science, 2021, 9, 4433-4439.	2.6	14
32	Two-photon ESIPT-based fluorescent probe using 4-hydroxyisoindoline-1,3-dione for the detection of peroxynitrite. Chemical Communications, 2021, 57, 11084-11087.	2.2	37
33	Racemases and epimerases operating through a 1,1-proton transfer mechanism: reactivity, mechanism and inhibition. Chemical Society Reviews, 2021, 50, 5952-5984.	18.7	9
34	Metal-organic frameworks (MOFs) as host materials for the enhanced delivery of biomacromolecular therapeutics. Chemical Communications, 2021, 57, 12098-12110.	2.2	51
35	Graphene nanoribbon-based supramolecular ensembles with dual-receptor targeting function for targeted photothermal tumor therapy. Chemical Science, 2021, 12, 11089-11097.	3.7	16
36	C4-aldehyde of guaiazulene: synthesis and derivatisation. Organic and Biomolecular Chemistry, 2021, 19, 2502-2511.	1.5	6

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37	Two-photon small-molecule fluorescence-based agents for sensing, imaging, and therapy within biological systems. <i>Chemical Society Reviews</i> , 2021, 50, 702-734.	18.7	187
38	Fluorescent probe for the imaging of superoxide and peroxynitrite during drug-induced liver injury. <i>Chemical Science</i> , 2021, 12, 3921-3928.	3.7	99
39	Activation and Monitoring of mtDNA Damage in Cancer Cells via the "Proton-Triggered" Decomposition of an Ultrathin Nanosheet. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3669-3678.	4.0	8
40	Coumarin-based fluorescent probe for the detection of glutathione and nitroreductase. <i>Tetrahedron</i> , 2021, 82, 131890.	1.0	5
41	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
42	Recent progresses and remaining challenges for the detection of Zika virus. <i>Medicinal Research Reviews</i> , 2021, 41, 2039-2108.	5.0	16
43	Forum on Biospecies Sensors. <i>ACS Applied Bio Materials</i> , 2021, 4, 2231-2232.	2.3	0
44	Two-Dimensional Design Strategy to Construct Smart Fluorescent Probes for the Precise Tracking of Senescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10756-10765.	7.2	65
45	Two-Dimensional Design Strategy to Construct Smart Fluorescent Probes for the Precise Tracking of Senescence. <i>Angewandte Chemie</i> , 2021, 133, 10851-10860.	1.6	6
46	Highly sensitive and selective water-soluble fluorescent probe for the detection of formaldehyde in leather products. <i>Dyes and Pigments</i> , 2021, 188, 109175.	2.0	19
47	Dual-locked spectroscopic probes for sensing and therapy. <i>Nature Reviews Chemistry</i> , 2021, 5, 406-421.	13.8	144
48	Fluorescent probes for the detection and imaging of Cytochrome P450. <i>Coordination Chemistry Reviews</i> , 2021, 437, 213740.	9.5	25
49	A Molecular Splicing Strategy for Constructing a Near-Infrared Fluorescent Probe for UDP-Glucuronosyltransferase 1A1. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24566-24572.	7.2	33
50	2D Strategy for the Construction of an Enzyme-Activated NIR Fluorophore Suitable for the Visual Sensing and Profiling of Homologous Nitroreductases from Various Bacterial Species. <i>ACS Sensors</i> , 2021, 6, 3348-3356.	4.0	7
51	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
52	Benzothiazolium Derivative-Capped Silica Nanocomposites for $\beta$ -Amyloid Imaging <i>In Vivo</i> . <i>Analytical Chemistry</i> , 2021, 93, 12617-12627.	3.2	16
53	Sustainable afterglow materials from lignin inspired by wood phosphorescence. <i>Cell Reports Physical Science</i> , 2021, 2, 100542.	2.8	21
54	Enzyme Mimics for Engineered Biomimetic Cascade Nanoreactors: Mechanism, Applications, and Prospects. <i>Advanced Functional Materials</i> , 2021, 31, 2106139.	7.8	82

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55	Fluorescent Chemosensors for Ion and Molecule Recognition: The Next Chapter. <i>Frontiers in Sensors</i> , 2021, 2, .	1.7	15
56	Amphiphilic engineering of reduced graphene oxides using a carbon nitride coating for superior removal of organic pollutants from wastewater. <i>Carbon</i> , 2021, 184, 479-491.	5.4	7
57	Imaging strategies using cyanine probes and materials for biomedical visualization of live animals. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214134.	9.5	26
58	A ratiometric fluorescent hydrogel of controlled thickness prepared continuously using microtomy for the detection and removal of Hg(II). <i>Chemical Engineering Journal</i> , 2021, 426, 131296.	6.6	29
59	Low-dimensional nanomaterials for antibacterial applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3640-3661.	2.9	36
60	Green Fluorescent Protein GFP-Chromophore-Based Probe for the Detection of Mitochondrial Viscosity in Living Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 2128-2134.	2.3	24
61	Small-molecule fluorescence-based probes for interrogating major organ diseases. <i>Chemical Society Reviews</i> , 2021, 50, 9391-9429.	18.7	176
62	Fluorescent small organic probes for biosensing. <i>Chemical Science</i> , 2021, 12, 3406-3426.	3.7	249
63	Azulene-based fluorescent chemosensor for adenosine diphosphate. <i>Chemical Communications</i> , 2021, 57, 10608-10611.	2.2	10
64	Small molecule based fluorescent chemosensors for imaging the microenvironment within specific cellular regions. <i>Chemical Society Reviews</i> , 2021, 50, 12098-12150.	18.7	236
65	Versatile Ratiometric Fluorescent Probe Based on the Two-Isophorone Fluorophore for Sensing Nitrotyl. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 15913-15920.	1.8	10
66	Dual-factor Synergistically Activated ESIPT-based Probe: Differential Fluorescence Signals to Simultaneously Detect 1-Naphthyl Acetate and Acid 1-Naphthyl Acetate Esterase. <i>Analytical Chemistry</i> , 2021, 93, 14471-14480.	3.2	6
67	Near-Infrared Light-Triggered Bacterial Eradication Using a Nanowire Nanocomposite of Graphene Nanoribbons and Chitosan-Coated Silver Nanoparticles. <i>Frontiers in Chemistry</i> , 2021, 9, 767847.	1.8	4
68	Ferrocene-Labelled Electroactive Aptamer-Based Sensors (Aptasensors) for Glycated Haemoglobin. <i>Molecules</i> , 2021, 26, 7077.	1.7	2
69	A boronic acid-based fluorescent hydrogel for monosaccharide detection. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 112-116.	2.3	27
70	Dual enzyme activated fluorescein based fluorescent probe. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 117-121.	2.3	15
71	A simple, azulene-based colorimetric probe for the detection of nitrite in water. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 90-96.	2.3	21
72	Mechanistic insights into the origin of substituent-directed product Z:E selectivity for gold-catalyzed [4+1]-annulations of 1,4-diyne-3-ols with isoxazoles: A DFT study. <i>Molecular Catalysis</i> , 2020, 480, 110647.	1.0	5

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73	A fluorogenic probe for tracking GSH flux in developing neurons. <i>Chemical Communications</i> , 2020, 56, 515-518.	2.2	23
74	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
75	Colorimetric assay for the rapid determination of free-base nicotine in e-liquid. <i>Analytical Methods</i> , 2020, 12, 193-199.	1.3	5
76	A Three-Component Derivatization Protocol for Determining the Enantiopurity of Sulfinamides by <sup>1</sup> H and <sup>19</sup> F NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2020, 85, 1208-1215.	1.7	8
77	Azulenesulfonium and azulenebis(sulfonium) salts: Formation by interrupted Pummerer reaction and subsequent derivatisation by nucleophiles. <i>Tetrahedron</i> , 2020, 76, 131700.	1.0	5
78	Analysis of extracellular vesicles as emerging theranostic nanoplatfoms. <i>Coordination Chemistry Reviews</i> , 2020, 424, 213506.	9.5	31
79	Förster resonance energy transfer (FRET)-based small-molecule sensors and imaging agents. <i>Chemical Society Reviews</i> , 2020, 49, 5110-5139.	18.7	516
80	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
81	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
82	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
83	Colorimetric detection of Hg <sup>2+</sup> with an azulene-containing chemodosimeter via dithioacetal hydrolysis. <i>Analyt. The</i> , 2020, 145, 6262-6269.	1.7	21
84	Visual High-Throughput Screening for Developing a Fatty Acid Amide Hydrolase Natural Inhibitor Based on an Enzyme-Activated Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 9493-9500.	3.2	12
85	Coumarin-based fluorescent probe for the rapid detection of peroxynitrite AND™ biological thiols. <i>RSC Advances</i> , 2020, 10, 13496-13499.	1.7	14
86	A molecular-logic gate for COX-2 and NAT based on conformational and structural changes: visualizing the progression of liver disease. <i>Chemical Science</i> , 2020, 11, 6209-6216.	3.7	18
87	High-throughput assay for determining enantiomeric excess of chiral diols, amino alcohols, and amines and for direct asymmetric reaction screening. <i>Nature Protocols</i> , 2020, 15, 2203-2229.	5.5	23
88	A fluorescent ESIPT-based benzimidazole platform for the ratiometric two-photon imaging of ONOO <sup>•</sup> in vitro and ex vivo. <i>Chemical Science</i> , 2020, 11, 7329-7334.	3.7	39
89	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
90	The mechanics of supramolecular chemistry. <i>Chemical Communications</i> , 2020, 56, 6467-6468.	2.2	2

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91	Enhanced Colorimetric Differentiation between <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> Using a Shape-Encoded Sensor Hydrogel. <i>ACS Applied Bio Materials</i> , 2020, 3, 4398-4407.	2.3	17
92	Engineering a ratiometric fluorescent sensor membrane containing carbon dots for efficient fluoride detection and removal. <i>Chemical Engineering Journal</i> , 2020, 399, 125741.	6.6	41
93	Visualization of penicillin G acylase in bacteria and high-throughput screening of natural inhibitors using a ratiometric fluorescent probe. <i>Chemical Communications</i> , 2020, 56, 4640-4643.	2.2	14
94	Metal-based imaging agents: progress towards interrogating neurodegenerative disease. <i>Chemical Society Reviews</i> , 2020, 49, 2886-2915.	18.7	56
95	Sensing Peroxynitrite in Different Organelles of Murine RAW264.7 Macrophages With Coumarin-Based Fluorescent Probes. <i>Frontiers in Chemistry</i> , 2020, 8, 39.	1.8	15
96	Hierarchically porous zirconium dioxide dual-templated by acacia mangium tannin extract and an amphiphilic triblock copolymer. <i>Materials Chemistry and Physics</i> , 2020, 253, 123335.	2.0	3
97	Mechanistic insights into the novel glucose-sensitive behavior of P(NIPAM-co-2-AAPBA). <i>Science China Chemistry</i> , 2020, 63, 377-385.	4.2	11
98	A Colorimetric Chemosensor Based on a Nozoe Azulene That Detects Fluoride in Aqueous/Alcoholic Media. <i>Frontiers in Chemistry</i> , 2020, 8, 10.	1.8	28
99	Activity-Based Sensing: Achieving Chemical Selectivity through Chemical Reactivity. <i>Accounts of Chemical Research</i> , 2020, 53, 1-1.	7.6	11
100	Special issue on "Fluorescent probes". <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 1-3.	2.3	2
101	Boronate ester cross-linked PVA hydrogels for the capture and H <sub>2</sub> O <sub>2</sub> -mediated release of active fluorophores. <i>Chemical Communications</i> , 2020, 56, 5516-5519.	2.2	19
102	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
103	Bio-Conjugated Advanced Materials for Targeted Disease Theranostics. <i>Advanced Functional Materials</i> , 2020, 30, 1907906.	7.8	51
104	A general strategy for selective detection of hypochlorous acid based on triazolopyridine formation. <i>Chinese Chemical Letters</i> , 2020, 31, 2917-2920.	4.8	33
105	Irregular-aggregation-induced emission luminogens. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213358.	9.5	44
106	Identification of novel small-molecule inhibitors of Î±-methylacyl-CoA racemase (AMACR; P504S) and structure-activity relationships. <i>Bioorganic Chemistry</i> , 2019, 92, 103264.	2.0	11
107	Endoplasmic Reticulum Targeting Ratiometric Fluorescent Probe for Carboxylesterase 2 Detection in Drug-Induced Acute Liver Injury. <i>Analytical Chemistry</i> , 2019, 91, 15840-15845.	3.2	66
108	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

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109	Coumarin-based fluorescent AND™ logic gate probes for the detection of homocysteine and a chosen biological analyte. <i>RSC Advances</i> , 2019, 9, 26425-26428.	1.7	9
110	The mechanisms of boronate ester formation and fluorescent turn-on in ortho-aminomethylphenylboronic acids. <i>Nature Chemistry</i> , 2019, 11, 768-778.	6.6	131
111	Fluorescent probes for bioactive detection and imaging of phase II metabolic enzymes. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213026.	9.5	37
112	Ratiometric two-photon fluorescent probe for <i>in situ</i> imaging of carboxylesterase (CE)-mediated mitochondrial acidification during medication. <i>Chemical Communications</i> , 2019, 55, 11358-11361.	2.2	61
113	A Leucine Aminopeptidase-Activated Theranostic Prodrug for Cancer Diagnosis and Chemotherapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 4904-4910.	2.3	15
114	Novel 2-arylthiopropionyl-CoA inhibitors of $\pm$ -methylacyl-CoA racemase 1A (AMACR; P504S) as potential anti-prostate cancer agents. <i>Bioorganic Chemistry</i> , 2019, 92, 103263.	2.0	9
115	NAG-targeting fluorescence based probe for precision diagnosis of kidney injury. <i>Chemical Communications</i> , 2019, 55, 1955-1958.	2.2	31
116	Azulenes with aryl substituents bearing pentafluorosulfanyl groups: synthesis, spectroscopic and halochromic properties. <i>New Journal of Chemistry</i> , 2019, 43, 992-1000.	1.4	15
117	ESIPT-based fluorescence probe for the ratiometric detection of superoxide. <i>New Journal of Chemistry</i> , 2019, 43, 2875-2877.	1.4	29
118	Voltammetric characterisation of diferrocenylborinic acid in organic solution and in aqueous media when immobilised into a titanate nanosheet film. <i>Dalton Transactions</i> , 2019, 48, 11200-11207.	1.6	2
119	Target Enzyme-Activated Two-Photon Fluorescent Probes: A Case Study of CYP3A4 Using a Two-Dimensional Design Strategy. <i>Angewandte Chemie</i> , 2019, 131, 10064-10068.	1.6	8
120	Target Enzyme-Activated Two-Photon Fluorescent Probes: A Case Study of CYP3A4 Using a Two-Dimensional Design Strategy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9959-9963.	7.2	74
121	A practical graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> ) based fluorescence sensor for the competitive detection of trithiocyanuric acid and mercury ions. <i>Dyes and Pigments</i> , 2019, 170, 107476.	2.0	28
122	Long Wavelength TCF-Based Fluorescent Probe for the Detection of Alkaline Phosphatase in Live Cells. <i>Frontiers in Chemistry</i> , 2019, 7, 255.	1.8	30
123	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
124	A far-red fluorescent probe for sensing laccase in fungi and its application in developing an effective biocatalyst for the biosynthesis of antituberculous dicoumarin. <i>Chemical Communications</i> , 2019, 55, 3951-3954.	2.2	13
125	Evaluation of HOCl-generating anticancer agents by an ultrasensitive dual-mode fluorescent probe. <i>Chemical Science</i> , 2019, 10, 3715-3722.	3.7	96
126	Multiphoton fluorescence lifetime imaging microscopy (FLIM) and super-resolution fluorescence imaging with a supramolecular biopolymer for the controlled tagging of polysaccharides. <i>Nanoscale</i> , 2019, 11, 9498-9507.	2.8	8



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127	Ratiometric fluorescent probe for sensing <i>Streptococcus mutans</i> glucosyltransferase, a key factor in the formation of dental caries. <i>Chemical Communications</i> , 2019, 55, 3548-3551.	2.2	24
128	Azulene-Derived Fluorescent Probe for Bioimaging: Detection of Reactive Oxygen and Nitrogen Species by Two-Photon Microscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 19389-19396.	6.6	125
129	Peroxynitrite Activated Drug Conjugate Systems Based on a Coumarin Scaffold Toward the Application of Theranostics. <i>Frontiers in Chemistry</i> , 2019, 7, 775.	1.8	11
130	A Simple Near-Infrared Fluorescent Probe for the Detection of Peroxynitrite. <i>ChemistryOpen</i> , 2019, 8, 1407-1409.	0.9	14
131	Fluorescence imaging of a potential diagnostic biomarker for breast cancer cells using a peptide-functionalized fluorogenic 2D material. <i>Chemical Communications</i> , 2019, 55, 13235-13238.	2.2	7
132	Reaction-based indicator displacement assay (RIA) for the development of a triggered release system capable of biofilm inhibition. <i>Chemical Communications</i> , 2019, 55, 15129-15132.	2.2	12
133	Analysis of Protein Glycation Using Phenylboronate Acrylamide Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 1855, 161-175.	0.4	2
134	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. <i>Journal of the American Chemical Society</i> , 2019, 141, 1126-1134.	6.6	141
135	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
136	Molecular logic gates: the past, present and future. <i>Chemical Society Reviews</i> , 2018, 47, 2228-2248.	18.7	468
137	Dye Displacement Assay for Saccharides using Benzoxaborole Hydrogels. <i>ChemistryOpen</i> , 2018, 7, 266-268.	0.9	9
138	Long-wavelength TCF-based fluorescence probes for the detection and intracellular imaging of biological thiols. <i>Chemical Communications</i> , 2018, 54, 4786-4789.	2.2	68
139	A hemicyanine based ratiometric fluorescence probe for mapping lysosomal pH during heat stroke in living cells. <i>Chemical Communications</i> , 2018, 54, 5518-5521.	2.2	68
140	Boronate-Based Fluorescence Probes for the Detection of Hydrogen Peroxide. <i>ChemistryOpen</i> , 2018, 7, 262-265.	0.9	30
141	A quick and selective rhodamine based "smart probe" for "signal-on" optical detection of Cu <sup>2+</sup> and Al <sup>3+</sup> in water, cell imaging, computational studies and solid state analysis. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 95-105.	4.0	61
142	A simple umbelliferone based fluorescent probe for the detection of nitroreductase. <i>Frontiers of Chemical Science and Engineering</i> , 2018, 12, 311-314.	2.3	13
143	A fluorescent peptidyl substrate for visualizing peptidyl-prolyl cis/trans isomerase activity in live cells. <i>Chemical Communications</i> , 2018, 54, 1857-1860.	2.2	5
144	Arresting "Loose Bolt" Internal Conversion from <sup>3</sup> B(OH) <sub>2</sub> Groups is the Mechanism for Emission Turn-On in <i>ortho</i> -Aminomethylphenylboronic Acid-Based Saccharide Sensors. <i>Journal of the American Chemical Society</i> , 2018, 140, 2348-2354.	6.6	60

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145	Structure-activity relationships of rationally designed AMACR 1A inhibitors. <i>Bioorganic Chemistry</i> , 2018, 79, 145-154.	2.0	8
146	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
147	Supramolecular glyco-poly-cyclodextrin functionalized thin-layer manganese dioxide for targeted stimulus-responsive bioimaging. <i>Chemical Communications</i> , 2018, 54, 4037-4040.	2.2	11
148	Virtual Issue: Chemosensors. <i>ChemistryOpen</i> , 2018, 7, 215-216.	0.9	2
149	Fluorescence detection and removal of copper from water using a biobased and biodegradable 2D soft material. <i>Chemical Communications</i> , 2018, 54, 184-187.	2.2	53
150	Dual-function cellulose composites for fluorescence detection and removal of fluoride. <i>Dyes and Pigments</i> , 2018, 149, 669-675.	2.0	37
151	Electroanalysis in 2D $\text{TiO}_2$ Nanosheet Hosts: Electrolyte and Selectivity Effects in Ferroceneboronic Acid " Saccharide Binding. <i>Electroanalysis</i> , 2018, 30, 1303-1310.	1.5	10
152	A naphthoimidazolium-cholesterol derivative as a ratiometric fluorescence based chemosensor for the chiral recognition of carboxylates. <i>Chemical Communications</i> , 2018, 54, 13264-13267.	2.2	12
153	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018, 47, 8842-8880.	18.7	993
154	Proline-Based Boronic Acid Receptors for Chiral Recognition of Glucose. <i>Journal of Organic Chemistry</i> , 2018, 83, 15128-15135.	1.7	24
155	An ESIPT Probe for the Ratiometric Imaging of Peroxynitrite Facilitated by Binding to $\text{Al}^{2+}$ -Aggregates. <i>Journal of the American Chemical Society</i> , 2018, 140, 14267-14271.	6.6	155
156	Preferential Colonization of Osteoblasts Over Co-cultured Bacteria on a Bifunctional Biomaterial Surface. <i>Frontiers in Microbiology</i> , 2018, 9, 2219.	1.5	24
157	ESIPT-based fluorescence probe for the rapid detection of peroxynitrite AND™ biological thiols. <i>Chemical Communications</i> , 2018, 54, 11336-11339.	2.2	64
158	Promoting magnesium sulfite oxidation <i>via</i> partly oxidized metal nanoparticles on graphitic carbon nitride ( $\text{g-C}_3\text{N}_4$ ) in the magnesia desulfurization process. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11296-11305.	5.2	23
159	AND™-based fluorescence scaffold for the detection of ROS/RNS and a second analyte. <i>Chemical Communications</i> , 2018, 54, 8466-8469.	2.2	47
160	ESIPT-based fluorescence probe for the rapid detection of hypochlorite ( $\text{HOCl}/\text{ClO}^{\sup>2\sup>}$ ). <i>Chemical Communications</i> , 2018, 54, 8522-8525.	2.2	101
161	Fluorescence-Based Tool To Detect Endogenous Peroxynitrite in M1-Polarized Murine J774.2 Macrophages. <i>Analytical Chemistry</i> , 2018, 90, 10621-10627.	3.2	35
162	ESIPT-based ratiometric fluorescence probe for the intracellular imaging of peroxynitrite. <i>Chemical Communications</i> , 2018, 54, 9953-9956.	2.2	96

#	ARTICLE	IF	CITATIONS
163	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
164	Selective Cu <sup>2+</sup> Ion Sensing by Nanoaggregates of Pyridyl-2,6-bis(3-allylsalicylaldehyde)hydrazone. <i>ChemistrySelect</i> , 2018, 3, 5395-5400.	0.7	2
165	Supramolecular Polymer Dot Ensemble for Ratiometric Detection of Lectins and Targeted Delivery of Imaging Agents. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 3272-3276.	4.0	12
166	Targeted tumor detection: guidelines for developing biotinylated diagnostics. <i>Chemical Communications</i> , 2017, 53, 2154-2157.	2.2	13
167	Macrophage Migration Inhibitory Factor is subjected to glucose modification and oxidation in Alzheimer's Disease. <i>Scientific Reports</i> , 2017, 7, 42874.	1.6	36
168	Reaction-based indicator displacement assay (RIA) for the colorimetric and fluorometric detection of hydrogen peroxide. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1058-1062.	2.3	25
169	Graphene oxide-enhanced cytoskeleton imaging and mitosis tracking. <i>Chemical Communications</i> , 2017, 53, 3373-3376.	2.2	7
170	A 1-hydroxy-2,3,1-benzodiazaborine-containing $\text{I}^{\ominus}$ -conjugated system: Synthesis, optical properties and solvent-dependent response toward anions. <i>Tetrahedron</i> , 2017, 73, 2053-2061.	1.0	13
171	Boronic Acid Mediated Coupling of Catechols and $\text{N}^{\ominus}$ -Hydroxylamines: A Bioorthogonal Reaction to Label Peptides. <i>Organic Letters</i> , 2017, 19, 3179-3182.	2.4	29
172	High-Throughput Assay for Enantiomeric Excess Determination in 1,2- and 1,3-Diols and Direct Asymmetric Reaction Screening. <i>Chemistry - A European Journal</i> , 2017, 23, 10222-10229.	1.7	32
173	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
174	A novel colorimetric assay for $\pm$ -methylacyl-CoA racemase 1A (AMACR; P504S) utilizing the elimination of 2,4-dinitrophenolate. <i>Chemical Communications</i> , 2017, 53, 5087-5090.	2.2	18
175	Fluorescent chemosensors: the past, present and future. <i>Chemical Society Reviews</i> , 2017, 46, 7105-7123.	18.7	1,436
176	Multiplexed photoluminescent sensors: towards improved disease diagnostics. <i>Chemical Society Reviews</i> , 2017, 46, 6687-6696.	18.7	118
177	A bodipy based hydroxylamine sensor. <i>Chemical Communications</i> , 2017, 53, 10441-10443.	2.2	32
178	Lysosomal tracking with a cationic naphthalimide using multiphoton fluorescence lifetime imaging microscopy. <i>Chemical Communications</i> , 2017, 53, 11161-11164.	2.2	32
179	Fluorescence Sensing with Cellulose-Based Materials. <i>ChemistryOpen</i> , 2017, 6, 685-696.	0.9	31
180	Behavior of Supramolecular Assemblies of Radiometal-Filled and Fluorescent Carbon Nanocapsules In Vitro and In Vivo. <i>CheM</i> , 2017, 3, 437-460.	5.8	22

#	ARTICLE	IF	CITATIONS
181	Photochromism and molecular logic gate operation of a water-compatible bis-glycosyl diarylethene. <i>Chemical Communications</i> , 2017, 53, 9494-9497.	2.2	47
182	Supramolecular core-glycoshell polythiophene nanodots for targeted imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 9793-9796.	2.2	21
183	A glutamic acid-modified cellulose fibrous composite used for the adsorption of heavy metal ions from single and binary solutions. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2317-2323.	3.2	16
184	Azulene-boronate esters: colorimetric indicators for fluoride in drinking water. <i>Chemical Communications</i> , 2017, 53, 12580-12583.	2.2	65
185	Long-wavelength fluorescent boronate probes for the detection and intracellular imaging of peroxynitrite. <i>Chemical Communications</i> , 2017, 53, 12822-12825.	2.2	112
186	Low-dimensional materials facilitate the conjugation between fluorogenic boronic acids and saccharides. <i>Materials Chemistry Frontiers</i> , 2017, 1, 61-64.	3.2	6
187	Fluorescent glycoprobes: a sweet addition for improved sensing. <i>Chemical Communications</i> , 2017, 53, 82-90.	2.2	62
188	Rapid Determination of Enantiomeric Excess via NMR Spectroscopy: A Research-Informed Experiment. <i>Journal of Chemical Education</i> , 2017, 94, 79-84.	1.1	20
189	Light controlled imaging probes for intracellular target recognition: photochromism as a tool to enhance sensing precision. <i>Science China Chemistry</i> , 2017, 60, 1563-1564.	4.2	0
190	Specialty Grand Challenges in Supramolecular Chemistry. <i>Frontiers in Chemistry</i> , 2017, 5, 83.	1.8	14
191	Self and directed assembly: people and molecules. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 391-405.	1.3	12
192	A Protocol for NMR Analysis of the Enantiomeric Excess of Chiral Diols Using an Achiral Diboronic Acid Template. <i>Journal of Organic Chemistry</i> , 2016, 81, 6795-6799.	1.7	14
193	Toward Fluorescence-Based High-Throughput Screening for Enantiomeric Excess in Amines and Amino Acid Derivatives. <i>Chemistry - A European Journal</i> , 2016, 22, 10074-10080.	1.7	32
194	Targeted multimodal theranostics via biorecognition controlled aggregation of metallic nanoparticle composites. <i>Chemical Science</i> , 2016, 7, 4004-4008.	3.7	43
195	Real-Time Tracking and In Vivo Visualization of $\beta$ -Galactosidase Activity in Colorectal Tumor with a Ratiometric Near-Infrared Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 5334-5340.	6.6	432
196	Catalyst: Academia and Industry, Continually Blurring Research Roles. <i>CheM</i> , 2016, 1, 173-176.	5.8	3
197	Selective electrochemiluminescent sensing of saccharides using boronic acid-modified coreactant. <i>Chemical Communications</i> , 2016, 52, 12845-12848.	2.2	20
198	A Water-Soluble Copper(II) Complex for the Selective Fluorescence Detection of Nitric Oxide/Nitroxyl and Imaging in Living Cells. <i>ChemPlusChem</i> , 2016, 81, 30-34.	1.3	28

#	ARTICLE	IF	CITATIONS
199	A supramolecular pyrenyl glycoside-coated 2D MoS <sub>2</sub> composite electrode for selective cell capture. <i>Chemical Communications</i> , 2016, 52, 11689-11692.	2.2	13
200	Structural and Thermodynamic Analysis of a Three-Component Assembly Forming <i>ortho</i> -Iminophenylboronate Esters. <i>Journal of Organic Chemistry</i> , 2016, 81, 8319-8330.	1.7	30
201	Boronate based fluorescence (ESIPT) probe for peroxyxynitrite. <i>Chemical Communications</i> , 2016, 52, 12350-12352.	2.2	108
202	Foldable glycoprobes capable of fluorogenic crosslinking of biomacromolecules. <i>Chemical Science</i> , 2016, 7, 6325-6329.	3.7	32
203	Solar-driven broad spectrum fungicides based on monodispersed Cu <sub>7</sub> S <sub>4</sub> nanorods with strong near-infrared photothermal efficiency. <i>RSC Advances</i> , 2016, 6, 103930-103937.	1.7	12
204	“Click-fluors” triazole-linked saccharide sensors. <i>Organic Chemistry Frontiers</i> , 2016, 3, 918-928.	2.3	21
205	Targeted fluorescence imaging enhanced by 2D materials: a comparison between 2D MoS <sub>2</sub> and graphene oxide. <i>Chemical Communications</i> , 2016, 52, 9418-9421.	2.2	21
206	Ultrasmall Organic Nanoparticles with Aggregation-Induced Emission and Enhanced Quantum Yield for Fluorescence Cell Imaging. <i>Analytical Chemistry</i> , 2016, 88, 7853-7857.	3.2	45
207	A Fluorescent Chemodosimeter for Live-Cell Monitoring of Aqueous Sulfides. <i>Analytical Chemistry</i> , 2016, 88, 1434-1439.	3.2	54
208	Boronic acids for fluorescence imaging of carbohydrates. <i>Chemical Communications</i> , 2016, 52, 3456-3469.	2.2	95
209	A study on the AMACR catalysed elimination reaction and its application to inhibitor testing. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 612-622.	1.5	10
210	Sensing and antibacterial activity of imidazolium-based conjugated polydiacetylenes. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1016-1019.	5.3	50
211	Determination of Enantiomeric Excess in Amine Derivatives with Molecular Self-Assemblies. <i>Angewandte Chemie</i> , 2015, 127, 7236-7239.	1.6	29
212	Determination of Enantiomeric Excess in Amine Derivatives with Molecular Self-Assemblies. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7130-7133.	7.2	96
213	Boronic Acid-Based Carbohydrate Sensing. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1836-1848.	1.7	115
214	Reaction-based Indicator displacement Assay (RIA) for the selective colorimetric and fluorometric detection of peroxyxynitrite. <i>Chemical Science</i> , 2015, 6, 2963-2967.	3.7	84
215	Sensor targets. <i>Chemical Society Reviews</i> , 2015, 44, 4176-4178.	18.7	43
216	Highly Efficient Photothermal Semiconductor Nanocomposites for Photothermal Imaging of Latent Fingerprints. <i>Analytical Chemistry</i> , 2015, 87, 11592-11598.	3.2	55

#	ARTICLE	IF	CITATIONS
217	Receptor-targeting fluorescence imaging and theranostics using a graphene oxide based supramolecular glycomposite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9182-9185.	2.9	33
218	Colorimetric and Plasmonic Detection of Lectins Using Core-Shell Gold Glyconanoparticles Prepared by Copper-Free Click Chemistry. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 1874-1878.	4.0	41
219	Selective fluorogenic imaging of hepatocellular H <sub>2</sub> S by a galactosyl azidonaphthalimide probe. <i>Chemical Communications</i> , 2015, 51, 3653-3655.	2.2	121
220	Ferrocene-Boronic Acid-Fructose Binding Based on Dual-Plate Generator-Collector Voltammetry and Square-Wave Voltammetry. <i>ChemElectroChem</i> , 2015, 2, 867-871.	1.7	6
221	Imaging agents. <i>Chemical Society Reviews</i> , 2015, 44, 4484-4486.	18.7	39
222	The Development of a Continuous Intravascular Glucose Monitoring Sensor. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 751-761.	1.3	50
223	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
224	Glucose Sensing in Supramolecular Chemistry. <i>Chemical Reviews</i> , 2015, 115, 8001-8037.	23.0	324
225	Far-Red and Near-IR AIE-Active Fluorescent Organic Nanoprobes with Enhanced Tumor-Targeting Efficacy: Shape-Specific Effects. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7275-7280.	7.2	361
226	Electrochemical sensing using boronic acids. <i>Chemical Communications</i> , 2015, 51, 14562-14573.	2.2	79
227	Synthesis and evaluation of a boronate-tagged 1,8-naphthalimide probe for fluoride recognition. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4143-4148.	1.5	50
228	Probing disease-related proteins with fluorogenic composite materials. <i>Chemical Society Reviews</i> , 2015, 44, 4239-4248.	18.7	108
229	Hierarchical supramolecules and organization using boronic acid building blocks. <i>Chemical Communications</i> , 2015, 51, 2005-2020.	2.2	131
230	A redox-activated fluorescence switch based on a ferrocene-fluorophore-boronic ester conjugate. <i>Chemical Communications</i> , 2015, 51, 1293-1296.	2.2	55
231	Induced Helical Chirality of Perylenebisimide Aggregates Allows for Enantiopurity Determination and Differentiation of $\pm$ -Hydroxy Carboxylates by Using Circular Dichroism. <i>Chemistry - A European Journal</i> , 2014, 20, 11793-11799.	1.7	40
232	Oil   Water Interfacial Phosphate Transfer Facilitated by Boronic Acid: Observation of Unusually Fast Oil   Water Lateral Charge Transport. <i>ChemElectroChem</i> , 2014, 1, 1587-1587.	1.7	0
233	Boronic acids for sensing and other applications - a mini-review of papers published in 2013. <i>Chemistry Central Journal</i> , 2014, 8, 60.	2.6	96
234	Functionalized Carbon Nanoparticles, Blacks and Soots as Electron-Transfer Building Blocks and Conduits. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1226-1241.	1.7	39

#	ARTICLE	IF	CITATIONS
235	Hepatoma-selective imaging of heavy metal ions using a "clicked" galactosylrhodamine probe. <i>Chemical Communications</i> , 2014, 50, 11735-11737.	2.2	69
236	A near-infrared colorimetric fluorescent chemodosimeter for the detection of glutathione in living cells. <i>Chemical Communications</i> , 2014, 50, 1751.	2.2	198
237	Suzuki homo-coupling reaction based fluorescent sensors for monosaccharides. <i>RSC Advances</i> , 2014, 4, 35238.	1.7	9
238	Direct sensing of fluoride in aqueous solutions using a boronic acid based sensor. <i>Chemical Communications</i> , 2014, 50, 13987-13989.	2.2	53
239	A water-soluble boronate-based fluorescent probe for the selective detection of peroxynitrite and imaging in living cells. <i>Chemical Science</i> , 2014, 5, 3368.	3.7	205
240	Hydrothermal Conversion of One-Photon-Fluorescent Poly(4-vinylpyridine) into Two-Photon-Fluorescent Carbon Nanodots. <i>Langmuir</i> , 2014, 30, 11746-11752.	1.6	24
241	Oil   Water Interfacial Phosphate Transfer Facilitated by Boronic Acid: Observation of Unusually Fast Oil   Water Lateral Charge Transport. <i>ChemElectroChem</i> , 2014, 1, 1640-1646.	1.7	11
242	3D cross-correlative matrix temperature detection and non-invasive thermal mapping based on a molecular probe. <i>Chemical Science</i> , 2014, 5, 4388-4393.	3.7	25
243	<i>In Vivo</i> and <i>In Situ</i> Tracking Cancer Chemotherapy by Highly Photostable NIR Fluorescent Theranostic Prodrug. <i>Journal of the American Chemical Society</i> , 2014, 136, 3579-3588.	6.6	494
244	Selective Fluorescence Detection of Monosaccharides Using a Material Composite Formed between Graphene Oxide and Boronate-Based Receptors. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10078-10082.	4.0	47
245	Ditopic boronic acid and imine-based naphthalimide fluorescence sensor for copper(II). <i>Chemical Communications</i> , 2014, 50, 11806-11809.	2.2	76
246	Selective sensing of saccharides using simple boronic acids and their aggregates. <i>Chemical Society Reviews</i> , 2013, 42, 8032.	18.7	507
247	Colorimetric enantioselective recognition of chiral secondary alcohols via hydrogen bonding to a chiral metallocene containing chemosensor. <i>Chemical Communications</i> , 2013, 49, 8314.	2.2	15
248	Pyrene-anchored boronic acid receptors on carbon nanoparticle supports: fluxionality and pore effects. <i>New Journal of Chemistry</i> , 2013, 37, 1883.	1.4	18
249	Synthesis of Amines with Pendant Boronic Esters by Borrowing Hydrogen Catalysis. <i>Organic Letters</i> , 2013, 15, 4850-4853.	2.4	32
250	Glucose selective Surface Plasmon Resonance-based bis-boronic acid sensor. <i>Analyst</i> , 2013, 138, 7140.	1.7	51
251	"Hydrothermal wrapping" with poly(4-vinylpyridine) introduces functionality: pH-sensitive core-shell carbon nanomaterials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4559.	5.2	6
252	Near-Infrared Colorimetric and Fluorescent Cu <sup>2+</sup> Sensors Based on Indoline-Benzothiadiazole Derivatives via Formation of Radical Cations. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 12215-12220.	4.0	56

#	ARTICLE	IF	CITATIONS
253	“Integrated” and “insulated” boronate-based fluorescent probes for the detection of hydrogen peroxide. <i>Chemical Communications</i> , 2013, 49, 8311.	2.2	53
254	Glucose Sensing via Aggregation and the Use of “Knock-Out” Binding To Improve Selectivity. <i>Journal of the American Chemical Society</i> , 2013, 135, 1700-1703.	6.6	184
255	A simple visual sensor with the potential for determining the concentration of fluoride in water at environmentally significant levels. <i>Chemical Communications</i> , 2013, 49, 478-480.	2.2	80
256	Exploiting the Reversible Covalent Bonding of Boronic Acids: Recognition, Sensing, and Assembly. <i>Accounts of Chemical Research</i> , 2013, 46, 312-326.	7.6	559
257	A Simple Protocol for NMR Analysis of the Enantiomeric Purity of Chiral Hydroxylamines. <i>Organic Letters</i> , 2013, 15, 860-863.	2.4	48
258	A bis-boronic acid modified electrode for the sensitive and selective determination of glucose concentrations. <i>Analyst, The</i> , 2013, 138, 7146.	1.7	70
259	Analysis of protein glycation using fluorescent phenylboronate gel electrophoresis. <i>Scientific Reports</i> , 2013, 3, 1437.	1.6	18
260	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
261	Special issue dedicated to the Third International Conference on Molecular Sensors and Molecular Logic Gates (MSMLG). <i>Supramolecular Chemistry</i> , 2013, 25, 1-1.	1.5	1
262	Ubiquinone-quantum dot bioconjugates for in vitro and intracellular complex I sensing. <i>Scientific Reports</i> , 2013, 3, 1537.	1.6	55
263	Analysis of Protein Glycation Using Phenylboronate Acrylamide Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2012, 869, 93-109.	0.4	6
264	Simultaneous determination of Hg(II) and Zn(II) using a GFP inspired chromophore. <i>Talanta</i> , 2012, 100, 401-404.	2.9	37
265	Circular dichroism of multi-component assemblies for chiral amine recognition and rapid ee determination. <i>Chemical Science</i> , 2012, 3, 156-161.	3.7	58
266	Reversible electrochemical modulation of fluorescence and selective sensing of ascorbic acid using a DCIP-CA-CdTe QD system. <i>Analyst, The</i> , 2012, 137, 1094.	1.7	23
267	Biotinylated boronic acid fluorophore conjugates: Quencher elimination strategy for imaging and saccharide detection. <i>RSC Advances</i> , 2012, 2, 3274.	1.7	20
268	Dipeptide hydrogel formation triggered by boronic acid “sugar” recognition. <i>Soft Matter</i> , 2012, 8, 6788.	1.2	26
269	Well-controlled synthesis of boronic-acid functionalised poly(lactide)s: a versatile platform for biocompatible polymer conjugates and sensors. <i>RSC Advances</i> , 2012, 2, 5954.	1.7	16
270	A simple and effective colorimetric technique for the detection of boronic acids and their derivatives. <i>Analytical Methods</i> , 2012, 4, 2215.	1.3	26



#	ARTICLE	IF	CITATIONS
271	A highly selective red-emitting FRET fluorescent molecular probe derived from BODIPY for the detection of cysteine and homocysteine: an experimental and theoretical study. <i>Chemical Science</i> , 2012, 3, 1049-1061.	3.7	245
272	Coil-by-coil assembly of poly[acrylamide-co-3-(methacryl-amido)-phenylboronic acid] with polydiallyldimethyl-ammonium to give alizarin red S responsive films. <i>Journal of Materials Chemistry</i> , 2012, 22, 18999.	6.7	8
273	The Development of Boronic Acids as Sensors and Separation Tools. <i>Chemical Record</i> , 2012, 12, 464-478.	2.9	61
274	Dioctylamineâ€Sulfonamideâ€Modified Carbon Nanoparticles as High Surface Area Substrates for Coenzyme Q10â€Lipid Electrochemistry. <i>Electroanalysis</i> , 2012, 24, 1003-1010.	1.5	11
275	Ruthenium(II)â€Polyimineâ€Coumarin Lightâ€Harvesting Molecular Arrays: Design Rationale and Application for Tripletâ€Tripletâ€Annihilationâ€Based Upconversion. <i>Chemistry - A European Journal</i> , 2012, 18, 4953-4964.	1.7	72
276	Surface-dopylated carbon nanoparticles sense gas-induced pH changes. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 184-190.	4.0	9
277	Selective Saccharide Recognition Using Modular Diboronic Acid Fluorescent Sensors. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1223-1229.	1.2	28
278	Asymmetric Strecker Synthesis of Î±-Arylglycines. <i>Journal of Organic Chemistry</i> , 2011, 76, 6038-6047.	1.7	29
279	Enantioselective Recognition of Mandelic Acid by a 3,6-Dithiophen-2-yl-9<i>H</i>-carbazole-Based Chiral Fluorescent Bisboronic Acid Sensor. <i>Journal of Organic Chemistry</i> , 2011, 76, 5685-5695.	1.7	81
280	An OFFâ€ON fluorescent probe for Zn <sup>2+</sup> based on a GFP-inspired imidazolone derivative attached to a 1,10-phenanthroline moiety. <i>Chemical Communications</i> , 2011, 47, 4361.	2.2	75
281	Liquid   liquid electrochemical bicarbonate and carbonate capture facilitated by boronic acids. <i>Chemical Communications</i> , 2011, 47, 12002.	2.2	10
282	Boronic acid building blocks: tools for self assembly. <i>Chemical Communications</i> , 2011, 47, 1124-1150.	2.2	466
283	A pyridinium cationâ€Î€ interaction sensor for the fluorescent detection of alkyl halides. <i>Chemical Communications</i> , 2011, 47, 253-255.	2.2	62
284	Field-effect saccharide sensing using AlGaN/GaN heterostructures and boronic acid based chemical receptors. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 1078-1081.	4.0	8
285	A Ditopic Fluorescence Sensor for Saccharides and Mercury Based on a Boronicâ€Acid Receptor and Desulfurisation Reaction. <i>Chemistry - an Asian Journal</i> , 2011, 6, 3054-3058.	1.7	18
286	Boronic acid building blocks: tools for sensing and separation. <i>Chemical Communications</i> , 2011, 47, 1106.	2.2	361
287	Carbon Nanoparticle Surface Electrochemistry: Highâ€Density Covalent Immobilisation and Poreâ€Reactivity of 9,10â€Anthraquinone. <i>Electroanalysis</i> , 2011, 23, 1320-1324.	1.5	22
288	Coenzymeâ€...Q Functionalized CdTe/ZnS Quantum Dots for Reactive Oxygen Species (ROS) Imaging. <i>Chemistry - A European Journal</i> , 2011, 17, 5262-5271.	1.7	37

#	ARTICLE	IF	CITATIONS
289	Chiral Donor Photoinduced Electron Transfer (PET) Boronic Acid Chemosensors for the Selective Recognition of Tartaric Acids, Disaccharides, and Ginsenosides. <i>Chemistry - A European Journal</i> , 2011, 17, 7632-7644.	1.7	51
290	Diol Appended Quenchers for Fluorescein Boronic Acid. <i>Chemistry - an Asian Journal</i> , 2010, 5, 581-588.	1.7	26
291	Boron based anion receptors as sensors. <i>Chemical Society Reviews</i> , 2010, 39, 3831.	18.7	361
292	Assembly of N-hexadecyl-pyridinium-4-boronic acid hexafluorophosphate monolayer films with catechol sensing selectivity. <i>Journal of Materials Chemistry</i> , 2010, 20, 8305.	6.7	60
293	Boronic acid dendrimer receptor modified nanofibrillar cellulose membranes. <i>Journal of Materials Chemistry</i> , 2010, 20, 588-594.	6.7	37
294	Microwave-electrochemical formation of colloidal zinc oxide at fluorine doped tin oxide electrodes. <i>Electrochimica Acta</i> , 2010, 55, 7909-7915.	2.6	10
295	Analysis of protein glycation using phenylboronate acrylamide gel electrophoresis. <i>Proteomics</i> , 2010, 10, 48-58.	1.3	61
296	Synthesis of a Highly Hydrophobic Cationic Lipid and Structural and Thermodynamic Studies for Interaction with DNA. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 1010-1018.	2.0	10
297	A Computational Investigation of the Nitrogen-Boron Interaction in <i>N,N</i> -Dialkylaminomethylarylboronate Systems. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12531-12539.	1.1	54
298	Electrochemical Method for the Determination of Enantiomeric Excess of Binol Using Redox-Active Boronic Acids as Chiral Sensors. <i>Journal of the American Chemical Society</i> , 2010, 132, 8903-8905.	6.6	88
299	Effect of the Electron Donor/Acceptor Orientation on the Fluorescence Transduction Efficiency of the d-PET Effect of Carbazole-Based Fluorescent Boronic Acid Sensors. <i>Journal of Organic Chemistry</i> , 2010, 75, 2578-2588.	1.7	71
300	Diols and anions can control the formation of an exciplex between a pyridinium boronic acid with an aryl group connected via a propylene linker. <i>Chemical Communications</i> , 2010, 46, 8180.	2.2	41
301	Boronic acid based photoinduced electron transfer (PET) fluorescence sensors for saccharides. <i>New Journal of Chemistry</i> , 2010, 34, 2922.	1.4	41
302	<i>N,N</i> -Butyl-decamethylferrocenyl-amine reactivity at liquid   liquid interfaces: electrochemically driven anion transfer vs. pH driven proton transfer. <i>New Journal of Chemistry</i> , 2010, 34, 1261.	1.4	10
303	Ratiometric Fluorescence Sensing of Fluoride Ions by an Asymmetric Bidentate Receptor Containing a Boronic Acid and Imidazolium Group. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3058-3065.	1.2	130
304	Boronic acid-facilitated $\text{H}^+$ -hydroxy-carboxylate anion transfer at liquid/liquid electrode systems: the EICrev mechanism. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1475-1482.	1.2	28
305	A simple chiral derivatisation protocol for $^1\text{H}$ NMR spectroscopic analysis of the enantiopurity of <i>O</i> -silyl-1,2-amino alcohols. <i>Tetrahedron Letters</i> , 2009, 50, 876-879.	0.7	28
306	Solid State Structures and Solution Analyses of a Phenylpropylpyridine <i>N,N</i> -Oxide and an <i>N,N</i> -Methyl Phenylpropylpyridine. <i>Chemistry - an Asian Journal</i> , 2009, 4, 194-198.	1.7	39

#	ARTICLE	IF	CITATIONS
307	Rational Design of d-PeT Phenylethynylated-Carbazole Monoboronic Acid Fluorescent Sensors for the Selective Detection of $\text{I}^{\pm}$ -Hydroxyl Carboxylic Acids and Monosaccharides. <i>Journal of the American Chemical Society</i> , 2009, 131, 17452-17463.	6.6	230
308	3,6-Disubstituted Carbazole-Based Bisboronic Acids with Unusual Fluorescence Transduction as Enantioselective Fluorescent Chemosensors for Tartaric Acid. <i>Journal of Organic Chemistry</i> , 2009, 74, 1333-1336.	1.7	108
309	Dye displacement assay for saccharide detection with boronate hydrogels. <i>Chemical Communications</i> , 2009, , 532-534.	2.2	80
310	Amine-triggered molecular capsules using dynamic boronate esterification. <i>Chemical Communications</i> , 2009, , 1682.	2.2	45
311	A surface plasmon enhanced fluorescence sensor platform. <i>New Journal of Chemistry</i> , 2009, 33, 1466.	1.4	27
312	Carbohydrate sensing using a fluorescent molecular tweezer. <i>Chemical Communications</i> , 2009, , 6557.	2.2	55
313	Dynamic covalent self-assembled macrocycles prepared from 2-formyl-aryl-boronic acids and 1,2-amino alcohols. <i>New Journal of Chemistry</i> , 2009, 33, 181-185.	1.4	48
314	Simple Chiral Derivatization Protocols for $^1\text{H}$ NMR and $^{19}\text{F}$ NMR Spectroscopic Analysis of the Enantiopurity of Chiral Diols. <i>Journal of Organic Chemistry</i> , 2009, 74, 427-430.	1.7	59
315	Boronic Acid Based Modular Fluorescent Saccharide Sensors. <i>Reviews in Fluorescence</i> , 2009, , 103-118.	0.5	5
316	Polymerisation resistant synthesis of methacrylamido phenylboronic acids. <i>Polymer</i> , 2008, 49, 3362-3365.	1.8	25
317	Electrocatalytic Determination of Sulfite at Immobilized Microdroplet Liquid   Liquid Interfaces: The EIC $\text{a}^2$ Mechanism. <i>Electroanalysis</i> , 2008, 20, 469-475.	1.5	9
318	Boronate affinity saccharide electrophoresis: A novel carbohydrate analysis tool. <i>Electrophoresis</i> , 2008, 29, 4185-4191.	1.3	44
319	6,6 $\text{a}^2$ -Bis-substituted BINOL boronic acids as enantioselective and chemoselective fluorescent chemosensors for d-sorbitol. <i>Tetrahedron</i> , 2008, 64, 1309-1315.	1.0	40
320	Simple chiral derivatisation protocols for NMR analysis of the enantiopurity of 1,2-diphenylethane-1,2-diamine and N-Boc-cyclohexane-1,2-diamine. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 489-494.	1.8	34
321	Boronic Acids in Molecular Self-Assembly. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1076-1091.	1.7	226
322	Simple protocols for NMR analysis of the enantiomeric purity of chiral diols. <i>Nature Protocols</i> , 2008, 3, 215-219.	5.5	90
323	Simple protocols for NMR analysis of the enantiomeric purity of chiral primary amines. <i>Nature Protocols</i> , 2008, 3, 210-214.	5.5	85
324	Fluorescent Boron Bis(phenolate) with Association Response to Chloride and Dissociation Response to Fluoride. <i>Inorganic Chemistry</i> , 2008, 47, 6236-6244.	1.9	42

#	ARTICLE	IF	CITATIONS
325	“Click-fluors” Modular Fluorescent Saccharide Sensors Based on a 1,2,3-Triazole Ring. <i>Journal of Organic Chemistry</i> , 2008, 73, 2871-2874.	1.7	92
326	Intramolecular cation-π interactions control the conformation of nonrestricted (phenylalkyl)pyridines. <i>Chemical Communications</i> , 2008, , 1082.	2.2	41
327	Pyrophosphate-induced reorganization of a reporter-receptor assembly via boronate esterification; a new strategy for the turn-on fluorescent detection of multi-phosphates in aqueous solution. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3621.	1.5	56
328	Hierarchical carbon nanotube assemblies created by sugar-boric or boronic acid interactions. <i>Chemical Communications</i> , 2008, , 4478.	2.2	26
329	Chiral Mono Boronic Acid As Fluorescent Enantioselective Sensor for Mono ±-Hydroxyl Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2008, 73, 4684-4687.	1.7	83
330	A Computational Characterization of Boron-Oxygen Multiple Bonding in HN•CH•CH•NH•BO. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8446-8454.	1.1	18
331	Saccharide-Selective Boronic Acid Based Photoinduced Electron Transfer (PET) Fluorescent Sensors. , 2007, , 107-152.		107
332	Ion Pair-Driven Heterodimeric Capsule Based on Boronate Esterification: Construction and the Dynamic Behavior. <i>Journal of the American Chemical Society</i> , 2007, 129, 15126-15127.	6.6	95
333	Simple Protocol for NMR Analysis of the Enantiomeric Purity of Diols. <i>Organic Letters</i> , 2006, 8, 1971-1974.	2.4	80
334	Simple Protocol for NMR Analysis of the Enantiomeric Purity of Primary Amines. <i>Organic Letters</i> , 2006, 8, 2203-2203.	2.4	2
335	Simple Protocol for NMR Analysis of the Enantiomeric Purity of Primary Amines. <i>Organic Letters</i> , 2006, 8, 609-612.	2.4	105
336	Highly Selective Fluoride Ion Detection Based on a Fluorescent Alizarin-o-Aminomethylphenylboronic Acid Ensemble in Aqueous MeOH Solution. <i>Chemistry Letters</i> , 2006, 35, 996-997.	0.7	31
337	Boronic Acid-Based Receptors and Sensors for Saccharides. , 2006, , 441-479.		14
338	Fluorescent Tict Sensors for Saccharides. , 2006, , 333-350.		1
339	Enhanced fluorescence and chiral discrimination for tartaric acid in a dual fluorophore boronic acid receptor. <i>Chemical Communications</i> , 2005, , 1889.	2.2	41
340	Chemoselective and enantioselective fluorescent recognition of sugar alcohols by a bisboronic acid receptor. <i>Journal of Materials Chemistry</i> , 2005, 15, 2896.	6.7	47
341	Carbohydrate Receptors. , 2005, , 45-109.		46
342	Fluorescent alizarin-phenylboronic acid ensembles: design of self-organized molecular sensors for metal ions and anions. <i>Journal of Materials Chemistry</i> , 2005, 15, 2889.	6.7	105

#	ARTICLE	IF	CITATIONS
343	A ditopic fluorescent sensor for potassium fluoride. <i>Chemical Communications</i> , 2005, , 945.	2.2	88
344	Detection of anions using a fluorescent alizarinâ€“phenylboronic acid ensemble. <i>Chemical Communications</i> , 2005, , 2846.	2.2	79
345	Fluorescent Saccharide Sensors. , 2005, , 41-67.		1
346	Boronic Acid Based Modular Fluorescent Sensors for Glucose. <i>Journal of Fluorescence</i> , 2004, 14, 549-559.	1.3	70
347	Chiral Binolâ€“Bisboronic Acid as Fluorescence Sensor for Sugar Acids. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3461-3464.	7.2	200
348	Synthesis and Structural Characterization of the First Bis(bora)calixarene: A Selective, Bidentate, Fluorescent Fluoride Sensor.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
349	Probing disaccharide selectivity with modular fluorescent sensors. <i>Tetrahedron Letters</i> , 2004, 45, 1539-1542.	0.7	39
350	The Bâ€“N bond controls the balance between locally excited (LE) and twisted internal charge transfer (TICT) states observed for aniline based fluorescent saccharide sensors. <i>Tetrahedron Letters</i> , 2004, 45, 2859-2862.	0.7	53
351	Binary and ternary phenylboronic acid complexes with saccharides and Lewis bases. <i>Tetrahedron</i> , 2004, 60, 11175-11190.	1.0	197
352	Synthesis and structural characterisation of the first bis(bora)calixarene: a selective, bidentate, fluorescent fluoride sensor. <i>Chemical Communications</i> , 2004, , 1640-1641.	2.2	95
353	An Enantioselective Fluorescent Sensor for Sugar Acids. <i>Journal of the American Chemical Society</i> , 2004, 126, 16179-16186.	6.6	178
354	A Modular Electrochemical Sensor for Saccharides.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
355	A Practical Synthesis of Enantiopure (S)-4-(4-Hydroxybenzyl)-oxazolidin-2-one.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
356	Tuning saccharide selectivity in modular fluorescent sensors. <i>Tetrahedron Letters</i> , 2003, 44, 4789-4792.	0.7	39
357	Non-linear effects operate and dynamic ligand exchange occurs when chiral BINOLâ€“boron Lewis acids are used for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1965-1968.	1.8	28
358	A practical synthesis of enantiopure (S)-4-(4-hydroxybenzyl)-oxazolidin-2-one. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2619-2623.	1.8	20
359	A Modular Fluorescence Intramolecular Energy Transfer Saccharide Sensor. <i>Organic Letters</i> , 2002, 4, 4249-4251.	2.4	94
360	Molecular Color Sensors for Monosaccharides. <i>Organic Letters</i> , 2002, 4, 477-479.	2.4	63

#	ARTICLE	IF	CITATIONS
361	A modular electrochemical sensor for saccharides. <i>Chemical Communications</i> , 2002, , 2368-2369.	2.2	81
362	Saccharide-accelerated hydrolysis of boronic acid imines. <i>New Journal of Chemistry</i> , 2002, 26, 1228-1237.	1.4	23
363	Boronic acid appended azo dyes "colour sensors for saccharides" Electronic supplementary information (ESI) available: absorption pH titrations and absorption saccharide titrations. See <a href="http://www.rsc.org/suppdata/p1/b1/b108896c/">http://www.rsc.org/suppdata/p1/b1/b108896c/</a> . <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 462-470.	1.3	45
364	Modular fluorescence sensors for saccharides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 803-808.	1.3	72
365	Artificial Receptors as Chemosensors for Carbohydrates. <i>Topics in Current Chemistry</i> , 2002, , 159-200.	4.0	386
366	A d-glucose selective fluorescent assay. <i>Tetrahedron Letters</i> , 2002, 43, 303-305.	0.7	69
367	A competition assay for diols using 9-(N,N-diethanolaminomethyl)anthracene and phenylboronic acid. <i>Tetrahedron Letters</i> , 2002, 43, 507-509.	0.7	16
368	A d-glucose selective fluorescent internal charge transfer (ICT) sensor. <i>Tetrahedron Letters</i> , 2002, 43, 911-913.	0.7	32
369	The first fluorescent sensor for boronic and boric acids with sensitivity at sub-micromolar concentrations "a cautionary tale. <i>Chemical Communications</i> , 2001, , 2018-2019.	2.2	16
370	Modular fluorescence sensors for saccharides. <i>Chemical Communications</i> , 2001, , 1836-1837.	2.2	91
371	Efficient Anion Binding to Cerium(IV) Bis(porphyrinate) Double Decker Utilizing Positive Homotropic Allostereism. <i>Chemistry Letters</i> , 2001, 30, 520-521.	0.7	22
372	Substituent and Solvent Effects on the Reactions of Organoboronic Acids with Fluoride. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 509-510.	2.0	20
373	A Molecular Colour Sensor for Fluoride. <i>Chemistry Letters</i> , 2001, 30, 406-407.	0.7	24
374	Fluorescent internal charge transfer (ICT) saccharide sensor. <i>Tetrahedron Letters</i> , 2001, 42, 4553-4555.	0.7	87
375	"Tailored" polymers for supported syntheses using boronic acids. <i>Tetrahedron Letters</i> , 2000, 41, 10291-10294.	0.7	15
376	Synthetic receptors. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3155-3184.	1.3	232
377	A molecular colour sensor for monosaccharides. <i>Chemical Communications</i> , 2000, , 229-230.	2.2	58
378	Synthesis and evaluation of D-glucosamine-selective fluorescent sensors. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 963-969.	1.3	75

#	ARTICLE	IF	CITATIONS
379	<title>Fluorescent sensors based on boronic acids</title>. , 1999, , .		0
380	Saccharide accelerated hydrolysis of boronic acid imines. Tetrahedron Letters, 1999, 40, 2597-2600.	0.7	20
381	Exploitation of a novel "off" photoinduced electron-transfer (PET) sensor against conventional "on" PET sensors. Chemical Communications, 1999, , 2011-2012.	2.2	19
382	Selective fluorescence detection of fluoride using boronic acids. Chemical Communications, 1998, , 1365-1366.	2.2	215
383	Selective Fluorescence Signalling of Saccharides in Their Furanose Form. Chemistry Letters, 1998, 27, 883-884.	0.7	32
384	Novel fluorescence sensor for "small" saccharides. Chemical Communications, 1997, , 71-72.	2.2	55
385	Selective d-glucosamine hydrochloride fluorescence signalling based on ammonium cation and diol recognition. Chemical Communications, 1997, , 1419-1420.	2.2	67
386	Fluorescent saccharide receptors: a sweet solution to the design, assembly and evaluation of boronic acid derived PET sensors. Chemical Communications, 1996, , 281.	2.2	205
387	A saccharide "sponge". Synthesis and properties of a dendritic boronic acid. Chemical Communications, 1996, , 705-706.	2.2	57
388	Saccharidnachweis mit Rezeptoren auf BoronsÄurebasis. Angewandte Chemie, 1996, 108, 2038-2050.	1.6	132
389	Saccharide Sensing with Molecular Receptors Based on Boronic Acid. Angewandte Chemie International Edition in English, 1996, 35, 1910-1922.	4.4	853
390	Molecular design of sugar recognition systems by sugar-diboronic acid macro cyclization. Pure and Applied Chemistry, 1996, 68, 1207-1212.	0.9	42
391	Screening of arylboronic acids to search for a strong inhibitor for Î³-glutamyl transpeptidase (Î³-GTP). Recueil Des Travaux Chimiques Des Pays-Bas, 1996, 115, 44-48.	0.0	9
392	Two Dimensional Photoinduced Electron Transfer (PET) Fluorescence Sensor for Saccharides. Chemistry Letters, 1995, 24, 503-504.	0.7	37
393	Molecular Fluorescence Sensor for Saccharides Based on Amino Coumarin. Chemistry Letters, 1995, 24, 139-140.	0.7	20
394	Chiral discrimination of monosaccharides using a fluorescent molecular sensor. Nature, 1995, 374, 345-347.	18.7	609
395	Cholesterol as a versatile platform for chiral recognition. Tetrahedron, 1995, 51, 555-566.	1.0	47
396	A sweet toothed saccharide (PET) sensor. Tetrahedron Letters, 1995, 36, 8833-8834.	0.7	20

#	ARTICLE	IF	CITATIONS
397	Recognition of sugars and related compounds by "reading-out" type interfaces. <i>Supramolecular Chemistry</i> , 1995, 6, 141-157.	1.5	81
398	The synthesis and properties of a calixarene-based "sugar bowl"™. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1997-1998.	2.0	20
399	A diboronic acid "glucose cleft"™ and a biscrown ether "metal sandwich"™ are allosterically coupled. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1483-1485.	2.0	34
400	Novel Saccharide-Photoinduced Electron Transfer Sensors Based on the Interaction of Boronic Acid and Amine. <i>Journal of the American Chemical Society</i> , 1995, 117, 8982-8987.	6.6	462
401	A Glucose-Selective Molecular Fluorescence Sensor. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2207-2209.	4.4	342
402	Ein glucosespezifischer molekularer Fluoreszenzsensor. <i>Angewandte Chemie</i> , 1994, 106, 2287-2289.	1.6	47
403	Chiral discrimination of monosaccharides by monolayers of a steroidal boronic acid. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 697.	0.9	20
404	Novel photoinduced electron-transfer sensor for saccharides based on the interaction of boronic acid and amine. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 477.	2.0	193
405	Allosteric Interaction of Metal Ions with Saccharides in a Crowned Diboronic Acid. <i>Journal of the American Chemical Society</i> , 1994, 116, 4567-4572.	6.6	78
406	Chiral Discrimination of Monosaccharides through Gel Formation. <i>Chemistry Letters</i> , 1994, 23, 273-276.	0.7	60
407	Determination of the absolute configuration of monosaccharides by a colour change in a chiral cholesteric liquid crystal system. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 857.	2.0	48
408	Assembly of ion channel mimics from a modular construction set. <i>Journal of Organic Chemistry</i> , 1993, 58, 7456-7468.	1.7	54
409	Activities and modes of action of artificial ion channel mimics. <i>Journal of the American Chemical Society</i> , 1993, 115, 12315-12321.	6.6	111
410	Design and Synthesis of Artificial Ion Channels. <i>Synlett</i> , 1993, 1993, 449-460.	1.0	23
411	Biomimetic ion transport: Synthesis and activity of an amphotericin mimic. <i>Tetrahedron Letters</i> , 1990, 31, 1233-1236.	0.7	26
412	Biomimetic Ion Transport: Pores and Channels in Vesicle Membranes. , 1990, , 145-150.		0
413	Biomimetic ion transport: a functional model of a unimolecular ion channel. <i>Journal of the American Chemical Society</i> , 1989, 111, 767-769.	6.6	121
414	Alkylation of tricarbonyliron complexes by trimethylsilyl cyanide: synthetic and kinetic studies. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2013.	1.1	12



#	ARTICLE	IF	CITATIONS
415	Molecularâ€splicing strategy to construct a nearâ€infrared fluorescent probe for UDPâ€glucuronosyltransferase1A1. Angewandte Chemie, 0, , .	1.6	3