Bradley D Smith

List of Publications by Year
in descending order

249 papers	12,284 citations	22099 59 h-index	34900 98 g-index
281 all docs	281 docs citations	281 times ranked	10067 citing authors

#	Article	IF	Citations
1	Best Wishes for the Coming Year from the Folks at Bioconjugate Chemistry. Bioconjugate Chemistry, 2022, 33, 1-3.	1.8	1
2	Enzyme Sensing Using 2-Mercaptopyridine-Carbonitrile Reporters and Surface-Enhanced Raman Scattering. ACS Omega, 2022, 7, 6419-6426.	1.6	1
3	Advances in Optical Sensors of N-Acetyl-Î²-<scp>d</scp>-hexosaminidase (N-Acetyl-Î²-<scp>d</scp>-glucosaminidase). Bioconjugate Chemistry, 2022, 33, 544-554.	1.8	5
4	Structureâ€Activity Studies of Nitroreductaseâ€Responsive Nearâ€Infrared Heptamethine Cyanine Fluorescent Probes. European Journal of Organic Chemistry, 2022, 2022, .	1.2	3
5	Supramolecular Mitigation of the Cyanine Limit Problem. Journal of Organic Chemistry, 2022, 87, 5893-5903.	1.7	7
6	Supramolecular Paradigm for Capture and Coâ€Precipitation of Gold(III) Coordination Complexes. Chemistry - A European Journal, 2021, 27, 751-757.	1.7	14
7	Editorial for January. Bioconjugate Chemistry, 2021, 32, 1-3.	1.8	1
8	Chiral figure-eight molecular scaffold for fluorescent probe development. Organic and Biomolecular Chemistry, 2021, 19, 3213-3219.	1.5	5
9	Generalizable synthesis of bioresponsive near-infrared fluorescent probes: sulfonated heptamethine cyanine prototype for imaging cell hypoxia. Organic and Biomolecular Chemistry, 2021, 19, 4100-4106.	1.5	15
10	High-Performance Near-Infrared Fluorescent Secondary Antibodies for Immunofluorescence. Analytical Chemistry, 2021, 93, 3643-3651.	3.2	11
11	Structural Engineering of Fluorescent Selfâ€Threaded Peptide Probes for Targeted Cell Imaging â€. Photochemistry and Photobiology, 2021, , .	1.3	3
12	Deuterated Indocyanine Green (ICG) with Extended Aqueous Storage Shelfâ€Life: Chemical and Clinical Implications. Chemistry - A European Journal, 2021, 27, 14535-14542.	1.7	27
13	Intracellular fluorescence competition assay for inhibitor engagement of histone deacetylase. Bioorganic and Medicinal Chemistry Letters, 2021, 47, 128207.	1.0	2
14	Macrocyclic and acyclic supramolecular elements for co-precipitation of square-planar gold(<scp>iii</scp>) tetrahalide complexes. Organic Chemistry Frontiers, 2021, 8, 1294-1301.	2.3	5
15	Comparison of cRGDfK Peptide Probes with Appended Shielded Heptamethine Cyanine Dye (s775z) for Near Infrared Fluorescence Imaging of Cancer. ACS Omega, 2021, 6, 30130-30139.	1.6	10
16	Supramolecular capture of highly polar amidosquaraine dye in water with nanomolar affinity and large turn-on fluorescence. Chemical Communications, 2021, 57, 13518-13521.	2.2	5
17	Synthesis and direct assembly of linearâ€“dendritic copolymers via CuAAC click polymerization-induced self-assembly (CPISA). Polymer Chemistry, 2020, 11, 936-943.	1.9	21
18	Paired Agent Fluorescence Imaging of Cancer in a Living Mouse Using Preassembled Squaraine Molecular Probes with Emission Wavelengths of 690 and 830 nm. Bioconjugate Chemistry, 2020, 31, 214-223.	1.8	20

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19	Supramolecular optimization of the visual contrast for colorimetric indicator assays that release resorufin dye. Chemical Communications, 2020, 56, 9296-9299.	2.2	11
20	Fluorescent Selfâ€Threaded Peptide Probes for Biological Imaging. Angewandte Chemie, 2020, 132, 23948-23955.	1.6	3
21	Fluorescent Selfâ€Threaded Peptide Probes for Biological Imaging. Angewandte Chemie - International Edition, 2020, 59, 23740-23747.	7.2	48
22	Sterically Shielded Heptamethine Cyanine Dyes for Bioconjugation and High Performance Nearâ€Infrared Fluorescence Imaging. Angewandte Chemie, 2020, 132, 12252-12259.	1.6	20
23	Cell organelle targeting of near-infrared croconaine dye controls photothermal outcome. Chemical Communications, 2020, 56, 6977-6980.	2.2	12
24	NMR Relaxation Dispersion Reveals Macrocycle Breathing Dynamics in a Cyclodextrin-based Rotaxane. Journal of the American Chemical Society, 2020, 142, 7413-7424.	6.6	6
25	Dual-Targeted Phototherapeutic Agents as Magic Bullets for Cancer. Bioconjugate Chemistry, 2020, 31, 474-482.	1.8	33
26	Sterically Shielded Heptamethine Cyanine Dyes for Bioconjugation and High Performance Nearâ€Infrared Fluorescence Imaging. Angewandte Chemie - International Edition, 2020, 59, 12154-12161.	7.2	103
27	Supramolecular Loading of a Broad Spectrum of Molecular Guests In Hyperbranched Polytriazole Nanoparticles with Cores Containing Multiple Functional Groups. Biomacromolecules, 2020, 21, 2165-2175.	2.6	1
28	Macrocycle threading using solvatochromic squaraine dyes. Supramolecular Chemistry, 2019, 31, 140-149.	1.5	3
29	Molecular recognition using tetralactam macrocycles with parallel aromatic sidewalls. Beilstein Journal of Organic Chemistry, 2019, 15, 1086-1095.	1.3	23
30	Molecular conjugation using non-covalent click chemistry. Nature Reviews Chemistry, 2019, 3, 393-400.	13.8	81
31	Stabilization and Extraction of Fluoride Anion Using a Tetralactam Receptor. Journal of Organic Chemistry, 2019, 84, 4050-4057.	1.7	21
32	Shape-Selective Recognition of Quaternary Ammonium Chloride Ion Pairs. Journal of Organic Chemistry, 2019, 84, 2808-2816.	1.7	23
33	Croconaine Rotaxane Dye with 984 nm Absorption: Wavelengthâ€Selective Photothermal Heating. European Journal of Organic Chemistry, 2019, 2019, 3489-3494.	1.2	10
34	Nucleophilic addition of phosphorus(<scp>iii</scp>) derivatives to squaraines: colorimetric detection of transition metal-mediated or thermal reversion. Chemical Communications, 2019, 55, 3286-3289.	2.2	7
35	High affinity threading of a new tetralactam macrocycle in water by fluorescent deep-red and near-infrared squaraine dyes. Chemical Communications, 2019, 55, 12793-12796.	2.2	18
36	Translational Research: Bridging the Gap between Fundamental Research and the Clinic. Bioconjugate Chemistry, 2019, 30, 2989-2990.	1.8	2

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37	Engineering Sensor Proteins. ACS Sensors, 2019, 4, 3089-3091.	4.0	14
38	High expression of integrin Î±vÎ²3 enables uptake of targeted fluorescent probes into ovarian cancer cells and tumors. Bioorganic and Medicinal Chemistry, 2018, 26, 2085-2091.	1.4	23
39	Guest Back-Folding: A Molecular Design Strategy That Produces a Deep-Red Fluorescent Host/Guest Pair with Picomolar Affinity in Water. Journal of the American Chemical Society, 2018, 140, 3361-3370.	6.6	56
40	Cyclodextrin Rotaxane with Switchable Pirouetting. Organic Letters, 2018, 20, 2096-2099.	2.4	23
41	New tetralactam hosts for squaraine dyes. Organic and Biomolecular Chemistry, 2018, 16, 8976-8983.	1.5	10
42	Fluorescent Thienothiophene-Containing Squaraine Dyes and Threaded Supramolecular Complexes with Tunable Wavelengths between 600â€“800 nm. Molecules, 2018, 23, 2229.	1.7	14
43	Macrocyclic Receptor for Precious Gold, Platinum, or Palladium Coordination Complexes. Journal of the American Chemical Society, 2018, 140, 6810-6813.	6.6	47
44	Molecular Imaging of Aminopeptidase N in Cancer and Angiogenesis. Contrast Media and Molecular Imaging, 2018, 2018, 1-15.	0.4	25
45	Nonâ€Covalently Preâ€Assembled Highâ€Performance Nearâ€Infrared Fluorescent Molecular Probes for Cancer Imaging. Chemistry - A European Journal, 2018, 24, 13821-13829.	1.7	24
46	Time-lapse imaging of cell death in cell culture and whole living organisms using turn-on deep-red fluorescent probes. Journal of Materials Chemistry B, 2018, 6, 4963-4971.	2.9	12
47	Preassembled Fluorescent Multivalent Probes for the Imaging of Anionic Membranes. Bioconjugate Chemistry, 2017, 28, 1093-1101.	1.8	23
48	Science in a Global Community. Bioconjugate Chemistry, 2017, 28, 279-281.	1.8	0
49	Synthetic mimics of biotin/(strept)avidin. Chemical Society Reviews, 2017, 46, 2391-2403.	18.7	174
50	Antiplasmodial activity of targeted zinc(II)-dipicolylamine complexes. Bioorganic and Medicinal Chemistry, 2017, 25, 2754-2760.	1.4	8
51	Fluorescent Neuraminidase Assay Based on Supramolecular Dye Capture After Enzymatic Cleavage. Journal of the American Chemical Society, 2017, 139, 6390-6395.	6.6	37
52	Synthesis and Structure of 3,3-Dimethylindoline Squaraine Rotaxanes. Journal of Organic Chemistry, 2017, 82, 5819-5825.	1.7	11
53	Nonâ€Covalent Assembly Method that Simultaneously Endows a Liposome Surface with Targeting Ligands, Protective PEG Chains, and Deepâ€Red Fluorescence Reporter Groups. Chemistry - A European Journal, 2017, 23, 12646-12654.	1.7	11
54	Structural Control of Kinetics for Macrocycle Threading by Fluorescent Squaraine Dye in Water. Journal of Organic Chemistry, 2017, 82, 8334-8341.	1.7	14

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55	Selective photothermal inactivation of cells labeled with near-infrared croconaine dye. Chemical Communications, 2017, 53, 9906-9909.	2.2	19
56	Zinc(II)-Dipicolylamine Coordination Complexes as Targeting and Chemotherapeutic Agents for Leishmania major. Antimicrobial Agents and Chemotherapy, 2016, 60, 2932-2940.	1.4	25
57	Pre-Assembly of Near-Infrared Fluorescent Multivalent Molecular Probes for Biological Imaging. Bioconjugate Chemistry, 2016, 27, 1400-1410.	1.8	25
58	Small molecule additive enhances cell uptake of 5-aminolevulinic acid and conversion to protoporphyrin IX. Photochemical and Photobiological Sciences, 2016, 15, 1408-1416.	1.6	7
59	Imaging and therapeutic applications of zinc(<scp>ii</scp>)-dipicolylamine molecular probes for anionic biomembranes. Chemical Communications, 2016, 52, 8787-8801.	2.2	60
60	High Affinity Macrocycle Threading by a Near-Infrared Croconaine Dye with Flanking Polymer Chains. Journal of Physical Chemistry B, 2016, 120, 995-1001.	1.2	13
61	Using membrane composition to fine-tune the pK_a of an optical liposome pH sensor. Journal of Materials Chemistry C, 2016, 4, 2925-2930.	2.7	7
62	Croconaine rotaxane for acid activated photothermal heating and ratiometric photoacoustic imaging of acidic pH. Chemical Communications, 2016, 52, 120-123.	2.2	69
63	Phenoxide-Bridged Zinc(II)-Bis(dipicolylamine) Probes for Molecular Imaging of Cell Death. Bioconjugate Chemistry, 2016, 27, 363-375.	1.8	19
64	Smart molecules for imaging, sensing and health (SMITH). Beilstein Journal of Organic Chemistry, 2015, 11, 2540-2548.	1.3	19
65	Bacterial imaging and photodynamic inactivation using zinc(ii)-dipicolylamine BODIPY conjugates. Photochemical and Photobiological Sciences, 2015, 14, 1271-1281.	1.6	42
66	Enhanced Squaraine Rotaxane Endoperoxide Chemiluminescence in Acidic Alcohols. Australian Journal of Chemistry, 2015, 68, 1359.	0.5	3
67	Fluorescence imaging of interscapular brown adipose tissue in living mice. Journal of Materials Chemistry B, 2015, 3, 1979-1989.	2.9	28
68	Clean Photothermal Heating and Controlled Release from Near-Infrared Dye Doped Nanoparticles without Oxygen Photosensitization. Langmuir, 2015, 31, 7826-7834.	1.6	53
69	Rapid Macrocycle Threading by a Fluorescent Dyeâ€“Polymer Conjugate in Water with Nanomolar Affinity. Journal of the American Chemical Society, 2015, 137, 8668-8671.	6.6	70
70	Evaluation of [111In]-Labeled Zincâ€“Dipicolylamine Tracers for SPECT Imaging of Bacterial Infection. Molecular Imaging and Biology, 2015, 17, 204-213.	1.3	21
71	Spatial modulation spectroscopy for imaging and quantitative analysis of single dye-doped organic nanoparticles inside cells. Nanoscale, 2015, 7, 9779-9785.	2.8	9
72	Sensitive Structural Control of Macrocycle Threading by a Fluorescent Squaraine Dye Flanked by Polymer Chains. Organic Letters, 2015, 17, 5268-5271.	2.4	31

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73	Chemically triggered release of 5-aminolevulinic acid from liposomes. RSC Advances, 2014, 4, 57983-57990.	1.7	14
74	Nearâ€Infrared Croconaine Rotaxanes and Doped Nanoparticles for Enhanced Aqueous Photothermal Heating. Chemistry - A European Journal, 2014, 20, 12628-12635.	1.7	38
75	Selective recognition of anionic cell membranes using targeted liposomes coated with zinc(<scp>ii</scp>)-bis(dipicolylamine) affinity units. Organic and Biomolecular Chemistry, 2014, 12, 5645-5655.	1.5	13
76	Internal and External Stereoisomers of Squaraine Rotaxane Endoperoxide: Synthesis, Chemical Differences, and Structural Revision. Journal of Organic Chemistry, 2014, 79, 1120-1130.	1.7	20
77	Interactions of Cytochrome c with N-Acylated Phosphatidylethanolamine Lipids. Journal of Physical Chemistry A, 2014, 118, 8287-8292.	1.1	4
78	¹⁹F NMR indicator displacement assay using a synthetic receptor with appended paramagnetic relaxation agent. Chemical Communications, 2014, 50, 10499-10501.	2.2	11
79	Effect of 1,3-adamantane bridging units within the surrounding macrocycle of squaraine rotaxanes. New Journal of Chemistry, 2014, 38, 3992-3998.	1.4	5
80	Library Synthesis, Screening, and Discovery of Modified Zinc(II)-Bis(dipicolylamine) Probe for Enhanced Molecular Imaging of Cell Death. Bioconjugate Chemistry, 2014, 25, 724-737.	1.8	27
81	Thiosquaramides: pH switchable anion transporters. Chemical Science, 2014, 5, 3617-3626.	3.7	109
82	Enhanced Cell Death Imaging Using Multivalent Zinc(II)-bis(dipicolylamine) Fluorescent Probes. Molecular Pharmaceutics, 2013, 10, 3296-3303.	2.3	22
83	Activated photothermal heating using croconaine dyes. Chemical Science, 2013, 4, 4240.	3.7	83
84	In Vivo Imaging of Bone Using a Deep-Red Fluorescent Molecular Probe Bearing Multiple Iminodiacetate Groups. Molecular Pharmaceutics, 2013, 10, 4263-4271.	2.3	48
85	Dual colorimetric and luminescent assay for dipicolinate, a biomarker of bacterial spores. Analyst, The, 2013, 138, 7079.	1.7	31
86	Fluorine NMR reporter for phosphate anions. Chemical Communications, 2013, 49, 5070.	2.2	29
87	Convenient synthesis of multivalent zinc(II)â€“dipicolylamine complexes for molecular recognition. Tetrahedron Letters, 2013, 54, 861-864.	0.7	11
88	Squaraine rotaxane shuttle as a ratiometric deep-red optical chloride sensor. Chemical Science, 2013, 4, 2557.	3.7	87
89	Thiosquaraine Rotaxanes: Synthesis, Dynamic Structure, and Oxygen Photosensitization. Organic Letters, 2013, 15, 2762-2765.	2.4	13
90	Effect of bridging anions on the structure and stability of phenoxide bridged zinc dipicolylamine coordination complexes. Supramolecular Chemistry, 2013, 25, 315-322.	1.5	9

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91	Multivalent Dendritic Molecules as Broad Spectrum Bacteria Agglutination Agents. Theranostics, 2013, 3, 658-666.	4.6	12
92	Water-soluble, deep-red fluorescent squaraine rotaxanes. Organic and Biomolecular Chemistry, 2012, 10, 5769-5773.	1.5	41
93	Selective non-covalent triggered release from liposomes. Chemical Communications, 2012, 48, 8123.	2.2	8
94	Allosteric regulation of a reactive squaraine rotaxane endoperoxide. Supramolecular Chemistry, 2012, 24, 14-22.	1.5	3
95	Multicolor Fluorescence Imaging of Traumatic Brain Injury in a Cryolesion Mouse Model. ACS Chemical Neuroscience, 2012, 3, 530-537.	1.7	43
96	Biomarkers and Molecular Probes for Cell Death Imaging and Targeted Therapeutics. Bioconjugate Chemistry, 2012, 23, 1989-2006.	1.8	115
97	Deep-red fluorescent imaging probe for bacteria. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2833-2836.	1.0	38
98	Evaluation of Fluorescent Phosphatidylserine Substrates for the Aminophospholipid Flippase in Mammalian Cells. Journal of Fluorescence, 2012, 22, 93-101.	1.3	6
99	Squaraine [2]catenanes: synthesis, structure and molecular dynamics. Chemical Communications, 2011, 47, 7188.	2.2	16
100	In Vivo Optical Imaging of Acute Cell Death Using a Near-Infrared Fluorescent Zincâ˜Dipicolylamine Probe. Molecular Pharmaceutics, 2011, 8, 583-590.	2.3	62
101	Macrocycle Breathing in [2]Rotaxanes with Tetralactam Macrocycles. Journal of Organic Chemistry, 2011, 76, 688-691.	1.7	26
102	Thermally-activated chemiluminescent squaraine rotaxane endoperoxide with green emission. Chemical Communications, 2011, 47, 12352.	2.2	13
103	In vivo targeting of cell death using a synthetic fluorescent molecular probe. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 722-731.	2.2	45
104	A Novel Compound Inhibits Reconstituted High-Density Lipoprotein Assembly and Blocks Nascent High-Density Lipoprotein Biogenesis Downstream of Apolipoprotein AI Binding to ATP-Binding Cassette Transporter A1â€“Expressing Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2700-2706.	1.1	7
105	Singlet Oxygen Release and Cell Toxicity of a Chemiluminescent Squaraine Rotaxane Dye: Implications for Molecular Imaging. Australian Journal of Chemistry, 2011, 64, 604.	0.5	17
106	Optical Imaging of Mammary and Prostate Tumors in Living Animals using a Synthetic Near Infrared Zinc(II)-Dipicolylamine Probe for Anionic Cell Surfaces. Journal of the American Chemical Society, 2010, 132, 67-69.	6.6	163
107	Squaraine Rotaxane as a Reversible Optical Chloride Sensor. Chemistry - A European Journal, 2010, 16, 2916-2921.	1.7	136
108	Storable, thermally activated, near-infrared chemiluminescent dyes and dye-stained microparticles for optical imaging. Nature Chemistry, 2010, 2, 1025-1030.	6.6	247

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109	A New Class of Hydroxy-Substituted Squaraine Rotaxane. Australian Journal of Chemistry, 2010, 63, 792.	0.5	14
110	Optical Imaging of Bacterial Infection in Living Mice Using Deep-Red Fluorescent Squaraine Rotaxane Probes. Bioconjugate Chemistry, 2010, 21, 1297-1304.	1.8	71
111	Using the Rotaxane Mechanical Bond to Enhance Chemical Reactivity. Organic Letters, 2010, 12, 4980-4983.	2.4	28
112	Efficient Synthesis of Fluorescent Squaraine Rotaxane Dendrimers. Organic Letters, 2010, 12, 140-143.	2.4	42
113	Microwave-assisted slipping synthesis of fluorescent squaraine rotaxane probe for bacterial imaging. Chemical Communications, 2010, 46, 1068.	2.2	46
114	Effect of stopper size on squaraine rotaxane stability. Supramolecular Chemistry, 2009, 21, 118-124.	1.5	22
115	Facilitated phospholipid translocation in vesicles and nucleated cells using synthetic small molecule scramblases. Bioorganic and Medicinal Chemistry, 2009, 17, 141-148.	1.4	16
116	Squaraine Rotaxanes with Boat Conformation Macrocycles. Journal of Organic Chemistry, 2009, 74, 6462-6468.	1.7	41
117	Discovery and early development of squaraine rotaxanes. Chemical Communications, 2009, , 6329.	2.2	207
118	Cycloaddition to an anthracene-derived macrocyclic receptor with supramolecular control of regioselectivity. Chemical Communications, 2009, , 2517.	2.2	25
119	Zinc(II) Coordination Complexes as Membraneâ€Active Fluorescent Probes and Antibiotics. ChemBioChem, 2008, 9, 286-293.	1.3	39
120	Noncovalent Keystone Interactions Controlling Biomembrane Structure. Chemistry - A European Journal, 2008, 14, 1690-1697.	1.7	23
121	Structureâ€“Activity Relationships in Cholapod Anion Carriers: Enhanced Transmembrane Chloride Transport through Substituent Tuning. Chemistry - A European Journal, 2008, 14, 9599-9606.	1.7	108
122	Enhanced fructose, glucose and lactose transport promoted by a lipophilic 2-(aminomethyl)-phenylboronic acid. Tetrahedron, 2008, 64, 7122-7126.	1.0	18
123	Synthesis and Photophysical Investigation of Squaraine Rotaxanes by â€œClicked Cappingâ€. Organic Letters, 2008, 10, 3343-3346.	2.4	67
124	Bio-orthogonal Phosphatidylserine Conjugates for Delivery and Imaging Applications. Journal of Organic Chemistry, 2008, 73, 6053-6058.	1.7	37
125	Fluorescent Chemosensor for Chloroalkanes. Organic Letters, 2008, 10, 1735-1738.	2.4	28
126	Crossing the threshold from accelerated substitution to elimination with a bifunctional macrocycle. New Journal of Chemistry, 2008, 32, 843.	1.4	4

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127	Quantum dot probes for bacteria distinguish Escherichia coli mutants and permit in vivo imaging. Chemical Communications, 2008, , 2331.	2.2	55
128	Membrane Transporters for Anions That Use a Relay Mechanism. Journal of the American Chemical Society, 2008, 130, 17274-17275.	6.6	59
129	Zinc(II)-Coordinated Oligotyrosine: A New Class of Cell Penetrating Peptide. Bioconjugate Chemistry, 2008, 19, 1033-1039.	1.8	23
130	Noninvasive Optical Imaging of Staphylococcus aureus Bacterial Infection in Living Mice Using a Bis-Dipicolylamine-Zinc(II) Affinity Group Conjugated to a Near-Infrared Fluorophore. Bioconjugate Chemistry, 2008, 19, 686-692.	1.8	98
131	Effect of Cyclodextrins on Saccharide Sensing Function of a Fluorescent Phenylboronic Acid in Water. Analytical Sciences, 2008, 24, 207-212.	0.8	23
132	Phosphatidylcholine-Derived Bolaamphiphiles via Click Chemistry. Organic Letters, 2007, 9, 199-202.	2.4	57
133	Singlet oxygen generation using iodinated squaraine and squaraine-rotaxane dyes. New Journal of Chemistry, 2007, 31, 677-683.	1.4	57
134	Dramatic Acceleration of the Menschutkin Reaction and Distortion of Halide Leaving-Group Order. Journal of Organic Chemistry, 2007, 72, 9663-9668.	1.7	34
135	Recent Advances in Synthetic Membrane Transporters. Supramolecular Chemistry, 2007, 19, 29-37.	1.5	52
136	Self-Assembly of Fluorescent Inclusion Complexes in Competitive Media Including the Interior of Living Cells. Journal of the American Chemical Society, 2007, 129, 15054-15059.	6.6	140
137	Optical imaging of bacterial infection models. Drug Discovery Today: Disease Models, 2007, 4, 91-97.	1.2	18
138	Development of synthetic membrane transporters for anions. Chemical Society Reviews, 2007, 36, 348-357.	18.7	377
139	Squaraine Rotaxanes: Superior Substitutes for Cy-5 in Molecular Probes for Near-Infrared Fluorescence Cell Imaging. Angewandte Chemie - International Edition, 2007, 46, 5528-5531.	7.2	167
140	Optical Imaging of Bacterial Infection in Living Mice Using a Fluorescent Near-Infrared Molecular Probe. Journal of the American Chemical Society, 2006, 128, 16476-16477.	6.6	245
141	Dynamic molecular recognition on the surface of vesicle membranes. Chemical Communications, 2006, , 1407.	2.2	33
142	Model of an Asymmetric DPPC/DPPS Membrane:Â Effect of Asymmetry on the Lipid Properties. A Molecular Dynamics Simulation Study. Journal of Physical Chemistry B, 2006, 110, 2358-2363.	1.2	51
143	Selective recognition of bacterial membranes by zinc(ii)-coordination complexes. Chemical Communications, 2006, , 1595.	2.2	72
144	Synthetic peptides with selective affinity for apoptotic cells. Organic and Biomolecular Chemistry, 2006, 4, 1966.	1.5	30

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145	Bolaamphiphiles Promote Phospholipid Translocation Across Vesicle Membranes. Journal of the American Chemical Society, 2006, 128, 9211-9218.	6.6	31
146	Anion recognition using dimetallic coordination complexes. Coordination Chemistry Reviews, 2006, 250, 3068-3080.	9.5	387
147	Squaraine-Derived Rotaxanes: Highly Stable, Fluorescent Near-IR Dyes. Chemistry - A European Journal, 2006, 12, 4684-4690.	1.7	129
148	Steroid-derived phospholipid scramblases induce exposure of phosphatidylserine on the surface of red blood cells. Bioorganic and Medicinal Chemistry, 2005, 13, 4485-4490.	1.4	9
149	New reagents for phosphatidylserine recognition and detection of apoptosis. Bioorganic and Medicinal Chemistry, 2005, 13, 5035-5042.	1.4	124
150	Improving the Properties of Organic Dyes by Molecular Encapsulation. European Journal of Organic Chemistry, 2005, 2005, 4051-4059.	1.2	174
151	Fluorescent Detection of Apoptotic Cells by Using Zinc Coordination Complexes with a Selective Affinity for Membrane Surfaces Enriched with Phosphatidylserine. ChemBioChem, 2005, 6, 2214-2220.	1.3	89
152	Improving the Properties of Organic Dyes by Molecular Encapsulation. ChemInform, 2005, 36, no.	0.1	0
153	Anion-Mediated Phase Transfer of Zinc(II)-Coordinated Tyrosine Derivatives. Organic Letters, 2005, 7, 3013-3016.	2.4	35
154	Indicator displacement assays that detect bilayer membranes enriched in phosphatidylserine. Journal of Materials Chemistry, 2005, 15, 2707.	6.7	35
155	Rapid Fixation of Methylene Chloride by a Macrocyclic Amine. Journal of the American Chemical Society, 2005, 127, 4184-4185.	6.6	27
156	Substrate Discrimination by Cholapod Anion Receptors:Â Geometric Effects and the â€œAffinityâ€'Selectivity Principleâ€• Journal of the American Chemical Society, 2005, 127, 10739-10746.	6.6	106
157	Molecular Recognition of Trigonal Oxyanions Using a Ditopic Salt Receptor:Â Evidence for Anisotropic Shielding Surface around Nitrate Anion. Journal of the American Chemical Society, 2005, 127, 2922-2928.	6.6	128
158	Biophysical studies of a synthetic mimic of the apoptosis-detecting protein annexin v. Israel Journal of Chemistry, 2005, 45, 373-379.	1.0	17
159	A fluorescent assay for chloride transport; identification of a synthetic anionophore with improved activity. Chemical Communications, 2005, , 1087.	2.2	182
160	Squaraine-Derived Rotaxanes:Â Sterically Protected Fluorescent Near-IR Dyes. Journal of the American Chemical Society, 2005, 127, 3288-3289.	6.6	274
161	Co-transport of H+/Clâ€“ by a synthetic prodigiosin mimic. Chemical Communications, 2005, , 3773.	2.2	126
162	Ion-Pair Recognition by Ditopic Macrocyclic Receptors. , 2005, , 137-151.		41

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163	Fluorophore-linked zinc(II)dipicolylamine coordination complexes as sensors for phosphatidylserine-containing membranes. Tetrahedron, 2004, 60, 11307-11315.	1.0	85
164	Design of Supramolecular Cyclodextrin Complex Sensors for Ion and Molecule Recognition in Water. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 87-94.	1.6	6
165	Design of Supramolecular Cyclodextrin Complex Sensors for Ion and Molecule Recognition in Water. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 87-94.	1.6	15
166	Substituent effects on the barrier to carbamate Câ€“N rotation. Tetrahedron Letters, 2004, 45, 2747-2749.	0.7	48
167	An indicator displacement system for fluorescent detection of phosphate oxyanions under physiological conditions. Tetrahedron Letters, 2004, 45, 8721-8724.	0.7	83
168	Facilitated phosphatidylserine flip-flop across vesicle and cell membranes using urea-derived synthetic translocases. Organic and Biomolecular Chemistry, 2004, 2, 214.	1.5	33
169	Transport of Alkali Halides through a Liquid Organic Membrane Containing a Ditopic Salt-Binding Receptor. Inorganic Chemistry, 2004, 43, 5902-5907.	1.9	104
170	Diffusion NMR Studies of Diol-boronates: Implications for Membrane Transport Carrier Design. Supramolecular Chemistry, 2004, 16, 87-90.	1.5	7
171	Identification of Synthetic Phosphatidylserine Translocases from a Combinatorial Library Prepared by Directed Split-and-Pool Synthesis. ACS Combinatorial Science, 2004, 6, 703-709.	3.3	15
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