

# Eric V Anslyn

## List of Publications by Year in descending order

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203  
papers

14,934  
citations

22153

59  
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20358

116  
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213  
all docs

213  
docs citations

213  
times ranked

11320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembling Inorganic Nanocrystal Gels. <i>Nano Letters</i> , 2022, 22, 1457-1466.	9.1	27
2	Colorimetric quantification of linking in thermoreversible nanocrystal gel assemblies. <i>Science Advances</i> , 2022, 8, eabm7364.	10.3	12
3	Multiplexing the Quantitation of MAP Kinase Activities Using Differential Sensing. <i>Journal of the American Chemical Society</i> , 2022, 144, 4017-4025.	13.7	12
4	Effect of pH on the Properties of Hydrogels Cross-Linked via Dynamic Thia-Michael Addition Bonds. <i>ACS Polymers Au</i> , 2022, 2, 129-136.	4.1	22
5	Chemical insights into flexizyme-mediated tRNA acylation. <i>Cell Chemical Biology</i> , 2022, 29, 1071-1112.	5.2	7
6	Evaluating the Effect of Dye-Dye Interactions of Xanthene-Based Fluorophores in the Fluorosequencing of Peptides. <i>Bioconjugate Chemistry</i> , 2022, 33, 1156-1165.	3.6	3
7	Indicator displacement assays (IDAs): the past, present and future. <i>Chemical Society Reviews</i> , 2021, 50, 9-38.	38.1	139
8	Boronic acid based dynamic click chemistry: recent advances and emergent applications. <i>Chemical Science</i> , 2021, 12, 1585-1599.	7.4	50
9	Ribosome-mediated incorporation of fluorescent amino acids into peptides <i>in vitro</i> . <i>Chemical Communications</i> , 2021, 57, 2661-2664.	4.1	12
10	Colloidal Nanocrystal Gels from Thermodynamic Principles. <i>Accounts of Chemical Research</i> , 2021, 54, 798-807.	15.6	26
11	Effects of linker flexibility on phase behavior and structure of linked colloidal gels. <i>Journal of Chemical Physics</i> , 2021, 154, 074901.	3.0	15
12	Biaryl Coupling Using Pd/Cu Cocatalysis: Application to the Synthesis of Conjugated Polymers. <i>Organic Letters</i> , 2021, 23, 2873-2877.	4.6	8
13	Efficient molecular encoding in multifunctional self-immolative urethanes. <i>Cell Reports Physical Science</i> , 2021, 2, 100393.	5.6	21
14	A Colorimetric Method for Quantifying Cis and Trans Alkenes Using an Indicator Displacement Assay. <i>Angewandte Chemie</i> , 2021, 133, 13938-13942.	2.0	0
15	A Colorimetric Method for Quantifying Cis and Trans Alkenes Using an Indicator Displacement Assay. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13819-13823.	13.8	5
16	The emerging landscape of single-molecule protein sequencing technologies. <i>Nature Methods</i> , 2021, 18, 604-617.	19.0	198
17	High-throughput screening of $\hat{\pm}$ -chiral-primary amines to determine yield and enantiomeric excess. <i>Tetrahedron</i> , 2021, 94, 132315.	1.9	4
18	Chemically Triggered Click and Declick Reactions: Application in Synthesis and Degradation of Thermosetting Plastics. <i>ACS Macro Letters</i> , 2021, 10, 1125-1131.	4.8	14

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19	Combination of two analytical techniques improves wine classification by Vineyard, Region, and vintage. <i>Food Chemistry</i> , 2021, 354, 129531.	8.2	16
20	A self-degradable hydrogel sensor for a nerve agent tabun surrogate through a self-propagating cascade. <i>Cell Reports Physical Science</i> , 2021, 2, 100552.	5.6	9
21	The Evolution of Data-Driven Modeling in Organic Chemistry. <i>ACS Central Science</i> , 2021, 7, 1622-1637.	11.3	58
22	Electrostatic and Covalent Assemblies of Anionic Hydrogel-Coated Gold Nanoshells for Detection of Dry Eye Biomarkers in Human Tears. <i>Nano Letters</i> , 2021, 21, 8734-8740.	9.1	12
23	Photoredox-Catalyzed Decarboxylative <i>C</i> -Terminal Differentiation for Bulk- and Single-Molecule Proteomics. <i>ACS Chemical Biology</i> , 2021, 16, 2595-2603.	3.4	8
24	A Data-Driven Approach to the Development and Understanding of Chiroptical Sensors for Alcohols with Remote $\hat{I}^3$ -Stereocenters. <i>Journal of the American Chemical Society</i> , 2021, 143, 19187-19198.	13.7	12
25	Studies of Surface Preparation for the Fluorosequencing of Peptides. <i>Langmuir</i> , 2021, 37, 14856-14865.	3.5	3
26	Synthesis of Carboxy ATTO 647N Using Redox Cycling for Xanthone Access. <i>Organic Letters</i> , 2020, 22, 381-385.	4.6	5
27	Quantification of ERK Kinase Activity in Biological Samples Using Differential Sensing. <i>ACS Chemical Biology</i> , 2020, 15, 83-92.	3.4	12
28	2-Amino-3 $\hat{e}$ -dialkylaminobiphenyl-based fluorescent intracellular probes for nitric oxide surrogate $N_{2O_3}$ . <i>Chemical Science</i> , 2020, 11, 1394-1403.	7.4	24
29	K-5 Thin-Layer Chromatography: Three-Dimensional Analysis of Pigments from Plant Materials Using an Interlocking Building-Block Photography Box. <i>Journal of Chemical Education</i> , 2020, 97, 4414-4419.	2.3	2
30	Assembly of Linked Nanocrystal Colloids by Reversible Covalent Bonds. <i>Chemistry of Materials</i> , 2020, 32, 10235-10245.	6.7	27
31	High-Throughput Determination of Enantiopurity by Microplate Circular Dichroism. <i>Journal of Organic Chemistry</i> , 2020, 85, 10858-10864.	3.2	24
32	Capture and Release of Protein $\hat{e}$ -Nanoparticle Conjugates by Reversible Covalent Molecular Linkers. <i>Bioconjugate Chemistry</i> , 2020, 31, 2191-2200.	3.6	1
33	Solid-Phase Peptide Capture and Release for Bulk and Single-Molecule Proteomics. <i>ACS Chemical Biology</i> , 2020, 15, 1401-1407.	3.4	11
34	Preferential Control of Forward Reaction Kinetics in Hydrogels Crosslinked with Reversible Conjugate Additions. <i>Macromolecules</i> , 2020, 53, 3738-3746.	4.8	28
35	Next-Generation TLC: A Quantitative Platform for Parallel Spotting and Imaging. <i>Journal of Organic Chemistry</i> , 2020, 85, 9447-9453.	3.2	7
36	Sequencing of Sequence-Defined Oligourethanes via Controlled Self-Immolation. <i>Journal of the American Chemical Society</i> , 2020, 142, 2744-2749.	13.7	49

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37	Chemically Triggered Synthesis, Remodeling, and Degradation of Soft Materials. <i>Journal of the American Chemical Society</i> , 2020, 142, 3913-3922.	13.7	31
38	Nanogel receptors for high isoelectric point protein detection: influence of electrostatic and covalent polymer-protein interactions. <i>Chemical Communications</i> , 2020, 56, 6141-6144.	4.1	12
39	Tunable Orthogonal Reversible Covalent (TORC) Bonds: Dynamic Chemical Control over Molecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 74-85.	13.8	86
40	Einstellbare orthogonale reversible kovalente Bindungen: dynamische Kontrolle über die molekulare Selbstorganisation. <i>Angewandte Chemie</i> , 2019, 131, 76-88.	2.0	22
41	Mechanistic studies of a "click" reaction. <i>Chemical Science</i> , 2019, 10, 8817-8824.	7.4	10
42	Rapid Optical Determination of Enantiomeric Excess, Diastereomeric Excess, and Total Concentration Using Dynamic-Covalent Assemblies: A Demonstration Using 2-Aminocyclohexanol and Chemometrics. <i>Journal of the American Chemical Society</i> , 2019, 141, 11151-11160.	13.7	28
43	Design of Chiral Supramolecular Polymers Exhibiting a Negative Nonlinear Response. <i>Journal of Organic Chemistry</i> , 2019, 84, 14587-14592.	3.2	6
44	Expanding the limits of the second genetic code with ribozymes. <i>Nature Communications</i> , 2019, 10, 5097.	12.8	83
45	The mechanisms of boronate ester formation and fluorescent turn-on in ortho-aminomethylphenylboronic acids. <i>Nature Chemistry</i> , 2019, 11, 768-778.	13.6	131
46	Sortase-mediated fluorescent labeling of CRISPR complexes. <i>Methods in Enzymology</i> , 2019, 616, 43-59.	1.0	10
47	Modeling Boronic Acid Based Fluorescent Saccharide Sensors: Computational Investigation of $\alpha$ -Fructose Binding to Dimethylaminomethylphenylboronic Acid. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2150-2158.	5.4	7
48	Mathematical Relationships of Individual Stereocenter $\rho$ Values to $d_r$ Values. <i>Journal of Organic Chemistry</i> , 2019, 84, 5922-5926.	3.2	3
49	Reengineering a Reversible Covalent-Bonding Assembly to Optically Detect ee in $\hat{1}^2$ -Chiral Primary Alcohols. <i>CheM</i> , 2019, 5, 3196-3206.	11.7	14
50	Modulating multi-functional ERK complexes by covalent targeting of a recruitment site in vivo. <i>Nature Communications</i> , 2019, 10, 5232.	12.8	17
51	Improved Xanthone Synthesis, Stepwise Chemical Redox Cycling. <i>Organic Letters</i> , 2019, 21, 206-209.	4.6	11
52	A Versatile Approach to Noncanonical, Dynamic Covalent Single- and Multi-Loop Peptide Macrocycles for Enhancing Antimicrobial Activity. <i>Journal of the American Chemical Society</i> , 2018, 140, 3768-3774.	13.7	22
53	2,2'-Bipyridine and hydrazide containing peptides for cyclization and complex quaternary structural control. <i>New Journal of Chemistry</i> , 2018, 42, 8577-8582.	2.8	3
54	Self-propagating amplification reactions for molecular detection and signal amplification: Advantages, pitfalls, and challenges. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3827.	1.9	34

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55	Arresting $\text{B(OH)}_2$ Internal Conversion from $\text{B(OH)}_2$ 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.	13.7	60
56	Teaching through Research: Alignment of Core Chemistry Competencies and Skills within a Multidisciplinary Research Framework. <i>Journal of Chemical Education</i> , 2018, 95, 248-258.	2.3	20
57	Di-(2-picolyl)-N-(2-quinolinylmethyl)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 9211-9216.	3.3	21
58	Fingerprinting Non-Terran Biosignatures. <i>Astrobiology</i> , 2018, 18, 915-922.	3.0	40
59	Dynamic covalent chemistry enables formation of antimicrobial peptide quaternary assemblies in a completely abiotic manner. <i>Nature Chemistry</i> , 2018, 10, 45-50.	13.6	54
60	Dynamic Covalent Chemistry within Biphenyl Scaffolds: Reversible Covalent Bonding, Control of Selectivity, and Chirality Sensing with a Single System. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1300-1305.	13.8	66
61	Dynamic Covalent Chemistry within Biphenyl Scaffolds: Reversible Covalent Bonding, Control of Selectivity, and Chirality Sensing with a Single System. <i>Angewandte Chemie</i> , 2018, 130, 1314-1319.	2.0	23
62	Assembly and Translocation of a CRISPR-Cas Primed Acquisition Complex. <i>Cell</i> , 2018, 175, 934-946.e15.	28.9	74
63	Highly parallel single-molecule identification of proteins in zeptomole-scale mixtures. <i>Nature Biotechnology</i> , 2018, 36, 1076-1082.	17.5	151
64	Hydrogen peroxide production via a redox reaction of $\text{N,N}$ -dimethyl-2,6-diaza-9,10-anthraquinonediium by addition of bisulfite. <i>Chemical Communications</i> , 2018, 54, 11204-11207.	4.1	6
65	Frontispiece: Di-(2-picolyl)-N-(2-quinolinylmethyl)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
66	Photography Coupled with Self-Propagating Chemical Cascades: Differentiation and Quantitation of G- and V-Nerve Agent Mimics via Chromaticity. <i>ACS Central Science</i> , 2018, 4, 854-861.	11.3	36
67	Optical Analysis of Reaction Yield and Enantiomeric Excess: A New Paradigm Ready for Prime Time. <i>Journal of the American Chemical Society</i> , 2018, 140, 10385-10401.	13.7	127
68	Coupling Activity-Based Detection, Target Amplification, Colorimetric and Fluorometric Signal Amplification, for Quantitative Chemosensing of Fluoride Generated from Nerve Agents. <i>Chemistry - A European Journal</i> , 2017, 23, 3903-3909.	3.3	31
69	Reversible Macrocyclization of Peptides with a Conjugate Acceptor. <i>Organic Letters</i> , 2017, 19, 1654-1657.	4.6	11
70	Recognition of Viologen Derivatives in Water by $\text{N}$ -Alkyl Ammonium Resorcinarene Chlorides. <i>Journal of Organic Chemistry</i> , 2017, 82, 5198-5203.	3.2	17
71	Differentiation and Identification of Cachaça Wood Extracts Using Peptide-Based Receptors and Multivariate Data Analysis. <i>ACS Sensors</i> , 2017, 2, 641-647.	7.8	11
72	An efficient methodology to introduce <i>o</i> -(aminomethyl)phenyl-boronic acids into peptides: alkylation of secondary amines. <i>New Journal of Chemistry</i> , 2017, 41, 126-133.	2.8	7

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73	Solution-phase and solid-phase sequential, selective modification of side chains in KDYWEC and KDYWE as models for usage in single-molecule protein sequencing. <i>New Journal of Chemistry</i> , 2017, 41, 462-469.	2.8	19
74	Boronic Acid Mediated Coupling of Catechols and <i>N</i> -Hydroxylamines: A Bioorthogonal Reaction to Label Peptides. <i>Organic Letters</i> , 2017, 19, 3179-3182.	4.6	29
75	An Autoinductive Cascade for the Optical Sensing of Thiols in Aqueous Media: Application in the Detection of a VX Nerve Agent Mimic. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9522-9526.	13.8	49
76	An Autoinductive Cascade for the Optical Sensing of Thiols in Aqueous Media: Application in the Detection of a VX Nerve Agent Mimic. <i>Angewandte Chemie</i> , 2017, 129, 9650-9654.	2.0	14
77	Disaggregation is a Mechanism for Emission Turn-On of <i>ortho</i> -Aminomethylphenylboronic Acid-Based Saccharide Sensors. <i>Journal of the American Chemical Society</i> , 2017, 139, 5568-5578.	13.7	60
78	New Autoinductive Cascade for the Optical Sensing of Fluoride: Application in the Detection of Phosphoryl Fluoride Nerve Agents. <i>Journal of the American Chemical Society</i> , 2017, 139, 4635-4638.	13.7	81
79	Discovery of a potent inhibitor of MELK that inhibits expression of the anti-apoptotic protein Mcl-1 and TNBC cell growth. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2609-2616.	3.0	26
80	Practical applications of supramolecular chemistry. <i>Chemical Society Reviews</i> , 2017, 46, 2385-2390.	38.1	233
81	Thermodynamic studies of dynamic metal ligands with copper(II), cobalt(II), zinc(II) and nickel(II). <i>Journal of Coordination Chemistry</i> , 2017, 70, 1-9.	2.2	26
82	Serotonin Analogues as Inhibitors of Breast Cancer Cell Growth. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1072-1076.	2.8	21
83	Charged poly( <i>N</i> -isopropylacrylamide) nanogels for use as differential protein receptors in a turbidimetric sensor array. <i>Analyst</i> , 2017, 142, 3183-3193.	3.5	34
84	Differential array sensing for cancer cell classification and novelty detection. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9866-9874.	2.8	19
85	Rapid Determination of Enantiomeric Excess via NMR Spectroscopy: A Research-Informed Experiment. <i>Journal of Chemical Education</i> , 2017, 94, 79-84.	2.3	20
86	Differential sensing of oils by conjugates of serum albumins and 9,10-distyrylanthracene probes: a cautionary tale. <i>Supramolecular Chemistry</i> , 2017, 29, 308-314.	1.2	6
87	Art, auto-mechanics, and supramolecular chemistry. A merging of hobbies and career. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 362-376.	2.2	1
88	Supramolecular chemistry at the interface of biology, materials and medicine. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1101-1102.	2.2	1
89	Click and chemically triggered declick reactions through reversible amine and thiol coupling via a conjugate acceptor. <i>Nature Chemistry</i> , 2016, 8, 968-973.	13.6	85
90	The Bullseye James assembly as a chiral auxiliary and shift reagent in kinetic resolution of alkyne amines by the CuAAC reaction. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10778-10782.	2.8	19



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109	Differential sensing for the regio- and stereoselective identification and quantitation of glycerides. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3977-86.	7.1	16
110	Dynamic covalent binding and chirality sensing of mono secondary amines with a metal-templated assembly. Tetrahedron, 2015, 71, 3515-3521.	1.9	25
111	Recent Advances in Supramolecular Analytical Chemistry Using Optical Sensing. Chemical Reviews, 2015, 115, 7840-7892.	47.7	793
112	Mechanistic studies on covalent assemblies of metal-mediated hemi-aminal ethers. Chemical Science, 2015, 6, 158-164.	7.4	26
113	Chromogenic/Fluorogenic Ensemble Chemosensing Systems. Chemical Reviews, 2015, 115, 7893-7943.	47.7	351
114	Expanded Porphyrin-Anion Supramolecular Assemblies: Environmentally Responsive Sensors for Organic Solvents and Anions. Journal of the American Chemical Society, 2015, 137, 7769-7774.	13.7	152
115	Dynamic Aminal-Based TPA Ligands. Chemistry - A European Journal, 2015, 21, 8207-8213.	3.3	21
116	Quantification of a Pharmacodynamic ERK End Point in Melanoma Cell Lysates: Toward Personalized Precision Medicine. ACS Medicinal Chemistry Letters, 2015, 6, 47-52.	2.8	14
117	Chapter 2. Design and Synthesis of Synthetic Receptors for Biomolecule Recognition. Monographs in Supramolecular Chemistry, 2015, , 39-85.	0.2	8
118	Characterization of a Fluorescent Probe for Imaging Nitric Oxide. Journal of Vascular Research, 2014, 51, 68-79.	1.4	8
119	The use of principal component analysis and discriminant analysis in differential sensing routines. Chemical Society Reviews, 2014, 43, 70-84.	38.1	289
120	Rapid determination of enantiomeric excess of $\hat{1}\pm$ -chiral aldehydes using circular dichroism spectroscopy. Tetrahedron, 2014, 70, 1357-1362.	1.9	14
121	Exploring naphthyl-carbohydrazides as inhibitors of influenza A viruses. European Journal of Medicinal Chemistry, 2014, 71, 81-90.	5.5	20
122	Exploitation of the majority rules effect for the accurate measurement of high enantiomeric excess values using CD spectroscopy. Chemical Communications, 2014, 50, 15330-15332.	4.1	25
123	Synthesis and biological evaluation of pyrido[2,3-d]pyrimidine-2,4-dione derivatives as eEF-2K inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 4910-4916.	3.0	55
124	Rapid Optical Methods for Enantiomeric Excess Analysis: From Enantioselective Indicator Displacement Assays to Exciton-Coupled Circular Dichroism. Accounts of Chemical Research, 2014, 47, 2212-2221.	15.6	164
125	The effect of alkylation, protonation, and hydroxyl group substitution on reversible alcohol and water addition to 2- and 4-formyl pyridine derivatives. RSC Advances, 2014, 4, 28893-28900.	3.6	10
126	Rhodium-Catalyzed Asymmetric Hydrogenation of Unprotected NH Imines Assisted by a Thiourea. Angewandte Chemie - International Edition, 2014, 53, 8467-8470.	13.8	117



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127	Differential Sensing of MAP Kinases Using SOXâ€Peptides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14064-14068.	13.8	37
128	Studies of Reversible Conjugate Additions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5017-5021.	2.4	46
129	Array sensing using optical methods for detection of chemical and biological hazards. <i>Chemical Society Reviews</i> , 2013, 42, 8596.	38.1	275
130	A selective and sensitive chromogenic and fluorogenic detection of a sulfur mustard simulant. <i>Chemical Science</i> , 2013, 4, 4292.	7.4	68
131	In-Situ Generation of Differential Sensors that Fingerprint Kinases and the Cellular Response to Their Expression. <i>Journal of the American Chemical Society</i> , 2013, 135, 14814-14820.	13.7	69
132	On the rate of boronate ester formation in <i>ortho</i> -aminomethyl-functionalised phenyl boronic acids. <i>Supramolecular Chemistry</i> , 2013, 25, 79-86.	1.2	34
133	Oxoanion recognition by benzene-based tripodal pyrrolic receptors. <i>Supramolecular Chemistry</i> , 2012, 24, 72-76.	1.2	19
134	Pattern-based discrimination of organic acids and red wine varieties by arrays of synthetic receptors. <i>Supramolecular Chemistry</i> , 2012, 24, 143-148.	1.2	25
135	Discrimination of vicinal-diol-containing flavonoids and black teas by arrays of hostâ€indicator ensembles. <i>Supramolecular Chemistry</i> , 2012, 24, 520-525.	1.2	12
136	Circular dichroism of multi-component assemblies for chiral amine recognition and rapid ee determination. <i>Chemical Science</i> , 2012, 3, 156-161.	7.4	58
137	In Situ Assembly of Octahedral Fe(II) Complexes for the Enantiomeric Excess Determination of Chiral Amines Using Circular Dichroism Spectroscopy. <i>Journal of the American Chemical Society</i> , 2012, 134, 4398-4407.	13.7	124
138	Correlating Sterics Parameters and Diastereomeric Ratio Values for a Multicomponent Assembly To Predict Exciton-Coupled Circular Dichroism Intensity and Thereby Enantiomeric Excess of Chiral Secondary Alcohols. <i>Journal of the American Chemical Society</i> , 2012, 134, 7126-7134.	13.7	54
139	A Mechanically Controlled Indicator Displacement Assay. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9643-9646.	13.8	70
140	An Exciton-Coupled Circular Dichroism Protocol for the Determination of Identity, Chirality, and Enantiomeric Excess of Chiral Secondary Alcohols. <i>Journal of the American Chemical Society</i> , 2012, 134, 7117-7125.	13.7	129
141	Exploration of plasticizer and plastic explosive detection and differentiation with serum albumin cross-reactive arrays. <i>Chemical Science</i> , 2012, 3, 1773.	7.4	28
142	Rapid determination of enantiomeric excess: a focus on optical approaches. <i>Chemical Society Reviews</i> , 2012, 41, 448-479.	38.1	288
143	Enantioâ€and Chemoselective Differentiation of Protected Î±-Amino Acids and Î²-Homoamino Acids with a Single Copper(II) Host. <i>Chemistry - A European Journal</i> , 2012, 18, 8064-8069.	3.3	47
144	Discrimination and Classification of Ginsenosides and Ginsengs Using Bisâ€Boronic Acid Receptors in Dynamic Multicomponent Indicator Displacement Sensor Arrays. <i>Chemistry - A European Journal</i> , 2012, 18, 1102-1110.	3.3	55

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145	Chemical Functionalization of Oligodeoxynucleotides with Multiple Boronic Acids for the Polyvalent Binding of Saccharides. <i>Bioconjugate Chemistry</i> , 2011, 22, 388-396.	3.6	20
146	Rapid Determination of Enantiomeric Excess of $\hat{\pm}$ -Chiral Cyclohexanones Using Circular Dichroism Spectroscopy. <i>Organic Letters</i> , 2011, 13, 2298-2301.	4.6	40
147	Dynamic multi-component covalent assembly for the reversible binding of secondary alcohols and chirality sensing. <i>Nature Chemistry</i> , 2011, 3, 943-948.	13.6	167
148	A Simple Method for the Determination of Enantiomeric Excess and Identity of Chiral Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2011, 133, 13746-13752.	13.7	148
149	Discrimination of flavonoids and red wine varieties by arrays of differential peptidic sensors. <i>Chemical Science</i> , 2011, 2, 439-445.	7.4	86
150	A general approach to differential sensing using synthetic molecular receptors. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 685-692.	6.1	110
151	Chemosensory models: approaches and applications of differential sensing. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 683-684.	6.1	32
152	A fluorescence-based cyclodextrin sensor to detect nitroaromatic explosives. <i>Supramolecular Chemistry</i> , 2010, 22, 65-71.	1.2	41
153	Algorithms for the determination of binding constants and enantiomeric excess in complex host-guest equilibria using optical measurements. <i>New Journal of Chemistry</i> , 2010, 34, 348.	2.8	110
154	A Highly Selective Low-Background Fluorescent Imaging Agent for Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 13114-13116.	13.7	222
155	A Facile Circular Dichroism Protocol for Rapid Determination of Enantiomeric Excess and Concentration of Chiral Primary Amines. <i>Chemistry - A European Journal</i> , 2010, 16, 227-232.	3.3	117
156	Analysis of Citric Acid in Beverages: Use of an Indicator Displacement Assay. <i>Journal of Chemical Education</i> , 2010, 87, 832-835.	2.3	15
157	A general protocol for creating high-throughput screening assays for reaction yield and enantiomeric excess applied to hydrobenzoin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10487-10492.	7.1	81
158	Probing Intramolecular $\hat{N}$ Interactions in <i>ortho</i> -Aminomethyl Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 4055-4060.	3.2	95
159	Pattern-Based Recognition for the Rapid Determination of Identity, Concentration, and Enantiomeric Excess of Subtly Different Threo Diols. <i>Journal of the American Chemical Society</i> , 2009, 131, 13125-13131.	13.7	88
160	Synthesis of a Novel Bisphosphonium Salt Based on 2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl (Binap). <i>Organometallics</i> , 2008, 27, 3608-3610.	2.3	22
161	Rapid Enantiomeric Excess and Concentration Determination Using Simple Racemic Metal Complexes. <i>Organic Letters</i> , 2008, 10, 5167-5170.	4.6	38
162	High-Throughput Screening of Identity, Enantiomeric Excess, and Concentration Using MLCT Transitions in CD Spectroscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 9232-9233.	13.7	116

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163	Pattern recognition based identification of nitrated explosives. <i>New Journal of Chemistry</i> , 2008, 32, 848.	2.8	26
164	Luminescent assays for ketones and aldehydes employing catalytic signal amplification. <i>New Journal of Chemistry</i> , 2007, 31, 729.	2.8	7
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