

Eric V Anslyn

List of Publications by Year in descending order

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203
papers

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citations

22153

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docs citations

213
times ranked

11320
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Supramolecular Analytical Chemistry Using Optical Sensing. <i>Chemical Reviews</i> , 2015, 115, 7840-7892.	47.7	793
2	Teaching Old Indicators New Tricks. <i>Accounts of Chemical Research</i> , 2001, 34, 963-972.	15.6	749
3	Indicatorâ€“displacement assays. <i>Coordination Chemistry Reviews</i> , 2006, 250, 3118-3127.	18.8	619
4	Sensing A Paradigm Shift in the Field of Molecular Recognition: From Selective to Differential Receptors. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3118-3130.	13.8	515
5	Supramolecular Analytical Chemistry. <i>Journal of Organic Chemistry</i> , 2007, 72, 687-699.	3.2	471
6	Differential receptor arrays and assays for solution-based molecular recognition. <i>Chemical Society Reviews</i> , 2006, 35, 14-28.	38.1	445
7	Chromogenic/Fluorogenic Ensemble Chemosensing Systems. <i>Chemical Reviews</i> , 2015, 115, 7893-7943.	47.7	351
8	Teaching Old Indicators New Tricks: A Colorimetric Chemosensing Ensemble for Tartrate/Malate in Beverages. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3666-3669.	13.8	306
9	A Structural Investigation of the Nâ~B Interaction in ano-(N,N-Dialkylaminomethyl)arylboronate System. <i>Journal of the American Chemical Society</i> , 2006, 128, 1222-1232.	13.7	306
10	The use of principal component analysis and discriminant analysis in differential sensing routines. <i>Chemical Society Reviews</i> , 2014, 43, 70-84.	38.1	289
11	A Chemosensor for Citrate in Beverages. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 649-652.	13.8	288
12	Rapid determination of enantiomeric excess: a focus on optical approaches. <i>Chemical Society Reviews</i> , 2012, 41, 448-479.	38.1	288
13	Array sensing using optical methods for detection of chemical and biological hazards. <i>Chemical Society Reviews</i> , 2013, 42, 8596.	38.1	275
14	Catalytic Signal Amplification Using a Heck Reaction. An Example in the Fluorescence Sensing of Cu(II). <i>Journal of the American Chemical Society</i> , 2004, 126, 14682-14683.	13.7	233
15	Practical applications of supramolecular chemistry. <i>Chemical Society Reviews</i> , 2017, 46, 2385-2390.	38.1	233
16	A Synthetic Receptor Selective for Citrate. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 862-865.	4.4	230
17	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
18	Solution-Based Analysis of Multiple Analytes by a Sensor Array:Â Toward the Development of an â€œElectronic Tongueâ€• <i>Journal of the American Chemical Society</i> , 1998, 120, 6429-6430.	13.7	217

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19	Differential Receptors Create Patterns Diagnostic for ATP and GTP. <i>Journal of the American Chemical Society</i> , 2003, 125, 1114-1115.	13.7	214
20	The emerging landscape of single-molecule protein sequencing technologies. <i>Nature Methods</i> , 2021, 18, 604-617.	19.0	198
21	Development of Multianalyte Sensor Arrays Composed of Chemically Derivatized Polymeric Microspheres Localized in Micromachined Cavities. <i>Journal of the American Chemical Society</i> , 2001, 123, 2559-2570.	13.7	188
22	pKa Values and Geometries of Secondary and Tertiary Amines Complexed to Boronic Acids Implications for Sensor Design. <i>Organic Letters</i> , 2001, 3, 1311-1314.	4.6	181
23	Colorimetric Enantiodiscrimination of $\hat{\pm}$ -Amino Acids in Protic Media. <i>Journal of the American Chemical Society</i> , 2005, 127, 7986-7987.	13.7	180
24	Guidelines in Implementing Enantioselective Indicator-Displacement Assays for $\hat{\pm}$ -Hydroxycarboxylates and Diols. <i>Journal of the American Chemical Society</i> , 2005, 127, 4260-4269.	13.7	175
25	Boronic Acid Based Peptidic Receptors for Pattern-Based Saccharide Sensing in Neutral Aqueous Media, an Application in Real-Life Samples. <i>Journal of the American Chemical Society</i> , 2007, 129, 13575-13583.	13.7	173
26	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
27	Rapid Optical Methods for Enantiomeric Excess Analysis: From Enantioselective Indicator Displacement Assays to Exciton-Coupled Circular Dichroism. <i>Accounts of Chemical Research</i> , 2014, 47, 2212-2221.	15.6	164
28	Expanded Porphyrin-Anion Supramolecular Assemblies: Environmentally Responsive Sensors for Organic Solvents and Anions. <i>Journal of the American Chemical Society</i> , 2015, 137, 7769-7774.	13.7	152
29	Highly parallel single-molecule identification of proteins in zeptomole-scale mixtures. <i>Nature Biotechnology</i> , 2018, 36, 1076-1082.	17.5	151
30	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
31	Signal Amplification by Allosteric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1190-1196.	13.8	139
32	Indicator displacement assays (IDAs): the past, present and future. <i>Chemical Society Reviews</i> , 2021, 50, 9-38.	38.1	139
33	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
34	Differential Receptors Create Patterns That Distinguish Various Proteins. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6375-6378.	13.8	130
35	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
36	Detection of chemical warfare simulants by phosphorylation of a coumarin oximate. <i>Chemical Communications</i> , 2006, , 3886.	4.1	128

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37	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
38	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
39	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
40	Rhodium-Catalyzed Asymmetric Hydrogenation of Unprotected NH Imines Assisted by a Thiourea. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8467-8470.	13.8	117
41	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
42	A general approach to differential sensing using synthetic molecular receptors. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 685-692.	6.1	110
43	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
44	Colorimetric detection of chemical warfare simulants. <i>New Journal of Chemistry</i> , 2005, 29, 1469.	2.8	99
45	Probing Intramolecular B ^N Interactions in <i>ortho</i> -Aminomethyl Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 4055-4060.	3.2	95
46	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
47	Discrimination of flavonoids and red wine varieties by arrays of differential peptidic sensors. <i>Chemical Science</i> , 2011, 2, 439-445.	7.4	86
48	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
49	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
50	Reaction-based Indicator displacement Assay (RIA) for the selective colorimetric and fluorometric detection of peroxynitrite. <i>Chemical Science</i> , 2015, 6, 2963-2967.	7.4	84
51	Metal triggered fluorescence sensing of citrate using a synthetic receptor. <i>Perkin Transactions II RSC</i> , 2001, , 315-323.	1.1	83
52	Expanding the limits of the second genetic code with ribozymes. <i>Nature Communications</i> , 2019, 10, 5097.	12.8	83
53	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
54	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

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55	Assembly and Translocation of a CRISPR-Cas Primed Acquisition Complex. <i>Cell</i> , 2018, 175, 934-946.e15.	28.9	74
56	A Mechanically Controlled Indicator Displacement Assay. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9643-9646.	13.8	70
57	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
58	A selective and sensitive chromogenic and fluorogenic detection of a sulfur mustard simulant. <i>Chemical Science</i> , 2013, 4, 4292.	7.4	68
59	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
60	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
61	Arresting B(OH)_2 Internal Conversion from 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
62	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
63	The Evolution of Data-Driven Modeling in Organic Chemistry. <i>ACS Central Science</i> , 2021, 7, 1622-1637.	11.3	58
64	Discrimination and Classification of Ginsenosides and Ginsengs Using Bis-Boronic Acid Receptors in Dynamic Multicomponent Indicator Displacement Sensor Arrays. <i>Chemistry - A European Journal</i> , 2012, 18, 1102-1110.	3.3	55
65	Synthesis and biological evaluation of pyrido[2,3-d]pyrimidine-2,4-dione derivatives as eEF-2K inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4910-4916.	3.0	55
66	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
67	Four Simultaneously Dynamic Covalent Reactions. Experimental Proof of Orthogonality. <i>Journal of the American Chemical Society</i> , 2016, 138, 10916-10924.	13.7	54
68	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
69	FRET induced by an allosteric cycloaddition reaction regulated with exogenous inhibitor and effectors. <i>Tetrahedron</i> , 2004, 60, 7267-7275.	1.9	50
70	Two Methods for the Determination of Enantiomeric Excess and Concentration of a Chiral Sample with a Single Spectroscopic Measurement. <i>Chemistry - A European Journal</i> , 2007, 13, 99-104.	3.3	50
71	Boronic acid based dynamic click chemistry: recent advances and emergent applications. <i>Chemical Science</i> , 2021, 12, 1585-1599.	7.4	50
72	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

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73	Sequencing of Sequence-Defined Oligourethanes via Controlled Self-Immolation. <i>Journal of the American Chemical Society</i> , 2020, 142, 2744-2749.	13.7	49
74	Enantio- and Chemoselective Differentiation of Protected α -Amino Acids and β -Homoamino Acids with a Single Copper(II) Host. <i>Chemistry - A European Journal</i> , 2012, 18, 8064-8069.	3.3	47
75	Studies of Reversible Conjugate Additions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5017-5021.	2.4	46
76	Ein synthetischer Citrat-selektiver Rezeptor. <i>Angewandte Chemie</i> , 1997, 109, 911-914.	2.0	41
77	A fluorescence-based cyclodextrin sensor to detect nitroaromatic explosives. <i>Supramolecular Chemistry</i> , 2010, 22, 65-71.	1.2	41
78	Rapid Determination of Enantiomeric Excess of β -Chiral Cyclohexanones Using Circular Dichroism Spectroscopy. <i>Organic Letters</i> , 2011, 13, 2298-2301.	4.6	40
79	Fingerprinting Non-Terran Biosignatures. <i>Astrobiology</i> , 2018, 18, 915-922.	3.0	40
80	Rapid Enantiomeric Excess and Concentration Determination Using Simple Racemic Metal Complexes. <i>Organic Letters</i> , 2008, 10, 5167-5170.	4.6	38
81	Differential Sensing of MAP Kinases Using SOX-Peptides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14064-14068.	13.8	37
82	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
83	Heavy metal analysis using a Heck-catalyzed cyclization to create coumarin. <i>Journal of Materials Chemistry</i> , 2005, 15, 2815.	6.7	35
84	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
85	A Synergistic Combinatorial and Chiroptical Study of Peptide Catalysts for Asymmetric Baeyer-Villiger Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2301-2309.	4.3	34
86	Charged poly(N-isopropylacrylamide) nanogels for use as differential protein receptors in a turbidimetric sensor array. <i>Analyst</i> , 2017, 142, 3183-3193.	3.5	34
87	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
88	Chemosensory models: approaches and applications of differential sensing. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 683-684.	6.1	32
89	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
90	Chemically Triggered Synthesis, Remodeling, and Degradation of Soft Materials. <i>Journal of the American Chemical Society</i> , 2020, 142, 3913-3922.	13.7	31

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91	Structural and Thermodynamic Analysis of a Three-Component Assembly Forming <i>ortho</i> - <i>o</i> -Iminophenylboronate Esters. <i>Journal of Organic Chemistry</i> , 2016, 81, 8319-8330.	3.2	30
92	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
93	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
94	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
95	Preferential Control of Forward Reaction Kinetics in Hydrogels Crosslinked with Reversible Conjugate Additions. <i>Macromolecules</i> , 2020, 53, 3738-3746.	4.8	28
96	Assembly of Linked Nanocrystal Colloids by Reversible Covalent Bonds. <i>Chemistry of Materials</i> , 2020, 32, 10235-10245.	6.7	27
97	Assembling Inorganic Nanocrystal Gels. <i>Nano Letters</i> , 2022, 22, 1457-1466.	9.1	27
98	Pattern recognition based identification of nitrated explosives. <i>New Journal of Chemistry</i> , 2008, 32, 848.	2.8	26
99	Mechanistic studies on covalent assemblies of metal-mediated hemi-aminal ethers. <i>Chemical Science</i> , 2015, 6, 158-164.	7.4	26
100	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
101	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
102	Colloidal Nanocrystal Gels from Thermodynamic Principles. <i>Accounts of Chemical Research</i> , 2021, 54, 798-807.	15.6	26
103	Strategies for phosphodiester complexation and cleavage. <i>Supramolecular Chemistry</i> , 1993, 1, 201-208.	1.2	25
104	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
105	Exploitation of the majority rules effect for the accurate measurement of high enantiomeric excess values using CD spectroscopy. <i>Chemical Communications</i> , 2014, 50, 15330-15332.	4.1	25
106	Dynamic covalent binding and chirality sensing of mono secondary amines with a metal-templated assembly. <i>Tetrahedron</i> , 2015, 71, 3515-3521.	1.9	25
107	A racemate-rules effect supramolecular polymer for ee determination of malic acid in the high ee region. <i>Chemical Communications</i> , 2016, 52, 12669-12671.	4.1	25
108	2-Amino-3,3'-dialkylaminobiphenyl-based fluorescent intracellular probes for nitric oxide surrogate N_2O_3 . <i>Chemical Science</i> , 2020, 11, 1394-1403.	7.4	24

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109	High-Throughput Determination of Enantiopurity by Microplate Circular Dichroism. <i>Journal of Organic Chemistry</i> , 2020, 85, 10858-10864.	3.2	24
110	Cooperative Binding of Divalent Diamides by <i>N</i> -Alkyl Ammonium Resorcinarene Chlorides. <i>Chemistry - A European Journal</i> , 2015, 21, 9556-9562.	3.3	23
111	Predicting the Composition of Red Wine Blends Using an Array of Multicomponent Peptide-Based Sensors. <i>Molecules</i> , 2015, 20, 9170-9182.	3.8	23
112	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
113	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2116-2118.	2.0	22
114	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
115	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
116	Einstellbare orthogonale reversible kovalente Bindungen: dynamische Kontrolle über die molekulare Selbstorganisation. <i>Angewandte Chemie</i> , 2019, 131, 76-88.	2.0	22
117	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
118	Dynamic Amino-Based TPA Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 8207-8213.	3.3	21
119	Click-fluors: triazole-linked saccharide sensors. <i>Organic Chemistry Frontiers</i> , 2016, 3, 918-928.	4.5	21
120	Serotonin Analogues as Inhibitors of Breast Cancer Cell Growth. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1072-1076.	2.8	21
121	Dipicolyl-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
122	Efficient molecular encoding in multifunctional self-immolative urethanes. <i>Cell Reports Physical Science</i> , 2021, 2, 100393.	5.6	21
123	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
124	Exploring naphthyl-carbohydrazides as inhibitors of influenza A viruses. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 81-90.	5.5	20
125	From substituent effects to applications: enhancing the optical response of a four-component assembly for reporting ee values. <i>Chemical Science</i> , 2016, 7, 4085-4090.	7.4	20
126	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

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127	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
128	Oxoanion recognition by benzene-based tripodal pyrrolic receptors. <i>Supramolecular Chemistry</i> , 2012, 24, 72-76.	1.2	19
129	The Bullâ€‘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
130	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
131	Differential array sensing for cancer cell classification and novelty detection. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9866-9874.	2.8	19
132	Recognition of Viologen Derivatives in Water by <i>N</i> -Alkyl Ammonium Resorcinarene Chlorides. <i>Journal of Organic Chemistry</i> , 2017, 82, 5198-5203.	3.2	17
133	Modulating multi-functional ERK complexes by covalent targeting of a recruitment site in vivo. <i>Nature Communications</i> , 2019, 10, 5232.	12.8	17
134	Differential sensing for the regio- and stereoselective identification and quantitation of glycerides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3977-86.	7.1	16
135	Combination of two analytical techniques improves wine classification by Vineyard, Region, and vintage. <i>Food Chemistry</i> , 2021, 354, 129531.	8.2	16
136	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
137	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
138	Solid-State Columns Made from Twisted, Self-Complementary Terpyridine Units. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1244-1246.	4.4	14
139	Rapid determination of enantiomeric excess of $\hat{\pm}$ -chiral aldehydes using circular dichroism spectroscopy. <i>Tetrahedron</i> , 2014, 70, 1357-1362.	1.9	14
140	Sensitization of NOâ€‘Releasing Ruthenium Complexes to Visible Light. <i>Chemistry - A European Journal</i> , 2015, 21, 15554-15563.	3.3	14
141	Chiral Amine Enantiomeric Excess Determination Using Selfâ€‘Assembled Octahedral Fe(II)â€‘mine Complexes. <i>Chirality</i> , 2015, 27, 294-298.	2.6	14
142	Grape and wine sensory attributes correlate with pattern-based discrimination of Cabernet Sauvignon wines by a peptidic sensor array. <i>Tetrahedron</i> , 2015, 71, 3095-3099.	1.9	14
143	Quantification of a Pharmacodynamic ERK End Point in Melanoma Cell Lysates: Toward Personalized Precision Medicine. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 47-52.	2.8	14
144	Model Building Using Linear Free Energy Relationship Parametersâ€‘Eliminating Calibration Curves for Optical Analysis of Enantiomeric Excess. <i>Journal of the American Chemical Society</i> , 2016, 138, 8045-8047.	13.7	14

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145	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
146	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
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