

Anthony P Davis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/102271/publications.pdf>

Version: 2024-02-01

196
papers

11,760
citations

22153

59
h-index

34986

98
g-index

230
all docs

230
docs citations

230
times ranked

6580
citing authors

#	ARTICLE	IF	CITATIONS
1	Free-standing homochiral 2D monolayers by exfoliation of molecular crystals. <i>Nature</i> , 2022, 602, 606-611.	27.8	60
2	Molecular Recognition Mediated by Hydrogen Bonding in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8035-8048.	13.8	66
3	Molecular Recognition Mediated by Hydrogen Bonding in Aqueous Media. <i>Angewandte Chemie</i> , 2021, 133, 8113-8126.	2.0	18
4	Hexagonal Microparticles from Hierarchical Self-Organization of Chiral Trigonal Pd3L6 Macrotetracycles. <i>Cell Reports Physical Science</i> , 2021, 2, 100303.	5.6	7
5	Innentitelbild: A Vibrationâ€Inducedâ€Emissionâ€Based Fluorescent Chemosensor for the Selective and Visual Recognition of Glucose (<i>Angew. Chem.</i> 31/2021). <i>Angewandte Chemie</i> , 2021, 133, 16854-16854.	2.0	0
6	Transmembrane Transport of Bicarbonate Unravelling. <i>Chemistry - A European Journal</i> , 2021, 27, 7320-7320.	3.3	4
7	Transmembrane Transport of Bicarbonate Unravelling**. <i>Chemistry - A European Journal</i> , 2021, 27, 7367-7375.	3.3	13
8	A Vibrationâ€Inducedâ€Emissionâ€Based Fluorescent Chemosensor for the Selective and Visual Recognition of Glucose. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16880-16884.	13.8	40
9	A Vibrationâ€Inducedâ€Emissionâ€Based Fluorescent Chemosensor for the Selective and Visual Recognition of Glucose. <i>Angewandte Chemie</i> , 2021, 133, 17017-17021.	2.0	0
10	Naphthyridine derived colorimetric and fluorescent turn off sensors for Ni ²⁺ in aqueous media. <i>Scientific Reports</i> , 2021, 11, 19242.	3.3	11
11	Synthesis and sensing efficiency of CN-wrapped ZnFe ₂ O ₄ microsphereâ€ionic liquid composites towards ultra-high sensitive arsenic(III) monitoring of ground drinking water. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12984-12992.	5.5	20
12	Observations of tetrel bonding between sp ³ -carbon and THF. <i>Chemical Science</i> , 2020, 11, 5289-5293.	7.4	43
13	Aqueous recognition of purine and pyrimidine bases by an anthracene-based macrocyclic receptor. <i>Chemical Communications</i> , 2020, 56, 9268-9271.	4.1	25
14	Biomimetic carbohydrate recognition. <i>Chemical Society Reviews</i> , 2020, 49, 2531-2545.	38.1	91
15	Selective glucose sensing in complex media using a biomimetic receptor. <i>Chemical Science</i> , 2020, 11, 3223-3227.	7.4	29
16	Pore-forming small molecules offer a promising way to tackle cystic fibrosis. <i>Nature</i> , 2019, 567, 315-317.	27.8	7
17	Repositioning Chloride Transmembrane Transporters: Transport of Organic Ion Pairs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6921-6925.	13.8	30
18	Repositioning Chloride Transmembrane Transporters: Transport of Organic Ion Pairs. <i>Angewandte Chemie</i> , 2019, 131, 6995-6999.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Anion carriers as potential treatments for cystic fibrosis: transport in cystic fibrosis cells, and additivity to channel-targeting drugs. <i>Chemical Science</i> , 2019, 10, 9663-9672.	7.4	70
20	A biomimetic receptor for glucose. <i>Nature Chemistry</i> , 2019, 11, 52-56.	13.6	186
21	Anthracene Bisureas as Powerful and Accessible Anion Carriers. <i>Chemistry - A European Journal</i> , 2018, 24, 6262-6268.	3.3	31
22	Anion Recognition by a Bioactive Diureidodecalin Anionophore: Solid-State, Solution, and Computational Studies. <i>Chemistry - A European Journal</i> , 2018, 24, 8178-8185.	3.3	10
23	Anion transport by <i>ortho</i> -phenylene bis-ureas across cell and vesicle membranes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1083-1087.	2.8	43
24	Maltodextrin recognition by a macrocyclic synthetic lectin. <i>Chemical Communications</i> , 2018, 54, 8649-8652.	4.1	25
25	A folding decalin tetra-urea for transmembrane anion transport. <i>Tetrahedron</i> , 2017, 73, 4955-4962.	1.9	12
26	Enantioselective carbohydrate recognition by synthetic lectins in water. <i>Chemical Science</i> , 2017, 8, 4056-4061.	7.4	56
27	Platform Synthetic Lectins for Divalent Carbohydrate Recognition in Water. <i>Angewandte Chemie</i> , 2016, 128, 9457-9461.	2.0	24
28	Platform Synthetic Lectins for Divalent Carbohydrate Recognition in Water. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9311-9315.	13.8	45
29	Synthetic Receptors for the High-Affinity Recognition of GlcNAc Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3387-3392.	13.8	86
30	Tilting and Tumbling in Transmembrane Anion Carriers: Activity Tuning through <i>n</i> -Alkyl Substitution. <i>Chemistry - A European Journal</i> , 2016, 22, 2004-2011.	3.3	22
31	Crystal structure of a complex between β -glucopyranose and a macrocyclic receptor with dendritic multicharged water solubilizing chains. <i>Chemical Communications</i> , 2016, 52, 9355-9358.	4.1	42
32	Synthetic Receptors for the High-Affinity Recognition of GlcNAc Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 3448-3453.	2.0	36
33	Nonprotonophoric Electrogenic Cl ⁻ Transport Mediated by Valinomycin-like Carriers. <i>Chem</i> , 2016, 1, 127-146.	11.7	128
34	Targeted anion transporter delivery by coiled-coil driven membrane fusion. <i>Chemical Science</i> , 2016, 7, 1768-1772.	7.4	44
35	Synthesis and evaluation of a desymmetrised synthetic lectin: an approach to carbohydrate receptors with improved versatility. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1930-1933.	2.8	22
36	A threading receptor for polysaccharides. <i>Nature Chemistry</i> , 2016, 8, 69-74.	13.6	119

#	ARTICLE	IF	CITATIONS
37	Efficient, non-toxic anion transport by synthetic carriers in cells and epithelia. <i>Nature Chemistry</i> , 2016, 8, 24-32.	13.6	138
38	Visualization and Quantification of Transmembrane Ion Transport into Giant Unilamellar Vesicles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2137-2141.	13.8	37
39	High Affinity Anion Binding by Steroidal Squaramide Receptors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4592-4596.	13.8	106
40	Affinity Enhancement by Dendritic Side Chains in Synthetic Carbohydrate Receptors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2057-2061.	13.8	58
41	Sterically geared tris-thioureas; transmembrane chloride transporters with unusual activity and accessibility. <i>Chemical Communications</i> , 2015, 51, 14235-14238.	4.1	31
42	Rapid Macrocycle Threading by a Fluorescent Dye-Polymer Conjugate in Water with Nanomolar Affinity. <i>Journal of the American Chemical Society</i> , 2015, 137, 8668-8671.	13.7	70
43	Binding or aggregation? Hazards of interpretation in studies of molecular recognition by porphyrins in water. <i>Chemical Communications</i> , 2015, 51, 9551-9554.	4.1	13
44	Biotin[6]uril Esters: Chloride-Selective Transmembrane Anion Carriers Employing H ⁻ Anion Interactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 4948-4951.	13.7	128
45	Editorial: Supramolecular chemistry in water. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2499-2500.	2.8	29
46	A guide into glycosciences: How chemistry, biochemistry and biology cooperate to crack the sugar code. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 186-235.	2.4	188
47	Evaluation of an Inexpensive Growth Medium for Direct Detection of <i>Escherichia coli</i> in Temperate and Sub-Tropical Waters. <i>PLoS ONE</i> , 2015, 10, e0140997.	2.5	16
48	A Practical, Large-Scale Synthesis of Pyrene-2-Carboxylic Acid. <i>Synlett</i> , 2014, 25, 2591-2594.	1.8	9
49	Near-Infrared Croconaine Rotaxanes and Doped Nanoparticles for Enhanced Aqueous Photothermal Heating. <i>Chemistry - A European Journal</i> , 2014, 20, 12628-12635.	3.3	38
50	A Flexible Solution to Anion Transport: Powerful Anionophores Based on a Cyclohexane Scaffold. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5609-5613.	13.8	46
51	Chloride Transport Across Planar Lipid Bilayers and Cell Membranes by Steroid-Based Synthetic Anion Transporters. <i>Biophysical Journal</i> , 2014, 106, 188a-189a.	0.5	1
52	Lipophilic balance - a new design principle for transmembrane anion carriers. <i>Chemical Science</i> , 2014, 5, 1128.	7.4	68
53	Cholanamide components for organic alloys; expanding the scope of nanoporous steroidal ureas. <i>Chemical Communications</i> , 2014, 50, 4803-4805.	4.1	11
54	Synthesis and Application of Resorufin β -Glucuronide, a Low-Cost Chromogenic Substrate for Detecting <i>Escherichia coli</i> in Drinking Water. <i>Environmental Science & Technology</i> , 2014, 48, 9624-9631.	10.0	21

#	ARTICLE	IF	CITATIONS
55	Preorganized Bis-Thioureas as Powerful Anion Carriers: Chloride Transport by Single Molecules in Large Unilamellar Vesicles. <i>Journal of the American Chemical Society</i> , 2014, 136, 12507-12512.	13.7	84
56	Synthesis of substituted pyrenes by indirect methods. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 212-232.	2.8	116
57	Chiral encoding may provide a simple solution to the origin of life. <i>Nature Chemistry</i> , 2014, 6, 569-574.	13.6	29
58	A Flexible Solution to Anion Transport: Powerful Anionophores Based on a Cyclohexane Scaffold. <i>Angewandte Chemie</i> , 2014, 126, 5715-5719.	2.0	12
59	Tunable Porous Organic Crystals: Structural Scope and Adsorption Properties of Nanoporous Steroidal Ureas. <i>Journal of the American Chemical Society</i> , 2013, 135, 16912-16925.	13.7	47
60	An accessible bicyclic architecture for synthetic lectins. <i>Chemical Communications</i> , 2013, 49, 3110.	4.1	18
61	Making a Match for Valinomycin: Steroidal Scaffolds in the Design of Electroneutral, Electrogenic Anion Carriers. <i>Accounts of Chemical Research</i> , 2013, 46, 2898-2909.	15.6	94
62	Quantitative Emergence of Hetero[4]rotaxanes by Template-Directed Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 381-387.	13.8	105
63	Nucleoside recognition by oligophenyl-based synthetic lectins. <i>Supramolecular Chemistry</i> , 2013, 25, 650-655.	1.2	2
64	Rate Constants for Anion Transport by Steroid-Based Synthetic Anion Transporters. <i>Biophysical Journal</i> , 2012, 102, 521a.	0.5	0
65	A simple and accessible synthetic lectin for glucose recognition and sensing. <i>Nature Chemistry</i> , 2012, 4, 718-723.	13.6	243
66	High-Affinity Disaccharide Binding by Tricyclic Synthetic Lectins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4586-4590.	13.8	72
67	New H-bonding patterns in biphenyl-based synthetic lectins; pyrrolediamine bridges enhance glucose-selectivity. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5760.	2.8	28
68	Substituent Effects in Synthetic Lectins - Exploring the Role of CH π Interactions in Carbohydrate Recognition. <i>Journal of Organic Chemistry</i> , 2011, 76, 6548-6557.	3.2	47
69	Thiourea isosteres as anion receptors and transmembrane transporters. <i>Chemical Communications</i> , 2011, 47, 7641.	4.1	43
70	Diaxial Diureido Decalins as Compact, Efficient, and Tunable Anion Transporters. <i>Journal of the American Chemical Society</i> , 2011, 133, 1614-1617.	13.7	88
71	Nanoporous Organic Alloys. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11386-11390.	13.8	38
72	Molecular Recognition of β -GlucNAc Glycopeptides by a Lectin-Like Receptor: Binding Modulation by the Underlying Ser or Thr Amino Acids. <i>ChemBioChem</i> , 2011, 12, 110-117.	2.6	15

#	ARTICLE	IF	CITATIONS
73	Water Chains in Hydrophobic Crystal Channels: Nanoporous Materials as Supramolecular Analogues of Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5125-5129.	13.8	73
74	A steroid-based receptor for unprotected amino acids: the enantioselective recognition of l-tryptophan. <i>Tetrahedron</i> , 2010, 66, 7423-7428.	1.9	14
75	Sticking to sugars. <i>Nature</i> , 2010, 464, 169-170.	27.8	35
76	Synthesis of Regioselectively Functionalized Pyrenes via Transition-Metal-Catalyzed Electrocyclization. <i>Synthesis</i> , 2010, 2010, 3686-3692.	2.3	10
77	Steroid-based anion receptors and transporters. <i>Chemical Society Reviews</i> , 2010, 39, 3633.	38.1	171
78	From cholapod to cholaphane transmembrane anion carriers: accelerated transport through binding site enclosure. <i>Chemical Communications</i> , 2010, 46, 2227.	4.1	55
79	A Synthetic Lectin for O-linked N-Acetylglucosamine. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1775-1779.	13.8	133
80	A Synthetic Lectin for N-Glucosyl. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7673-7676.	13.8	106
81	Progress in biomimetic carbohydrate recognition. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3177-3191.	5.4	107
82	Two-colour screening in combinatorial chemistry: prospecting for enantioselectivity in a library of steroid-based receptors. <i>Tetrahedron</i> , 2009, 65, 6370-6381.	1.9	6
83	Synthetic lectins. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3629.	2.8	145
84	Structure-Activity Relationships in Cholapod Anion Carriers: Enhanced Transmembrane Chloride Transport through Substituent Tuning. <i>Chemistry - A European Journal</i> , 2008, 14, 9599-9606.	3.3	108
85	Solvent Effects in Carbohydrate Binding by Synthetic Receptors: Implications for the Role of Water in Natural Carbohydrate Recognition. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2693-2696.	13.8	87
86	Cationic cyclocholamides; toroidal facial amphiphiles with potential for anion transport. <i>Chemical Communications</i> , 2008, , 3669.	4.1	35
87	Desymmetrisation of Biphenyl-Based Carbohydrate Receptors: A Nonbonding Pillar in One Corner of the Cage. <i>Synlett</i> , 2008, 2008, 2137-2141.	1.8	0
88	Phase Transfer of Monosaccharides through Noncovalent Interactions. , 2008, , 3347-3355.		0
89	Bile Acid Scaffolds in Supramolecular Chemistry: The Interplay of Design and Synthesis. <i>Molecules</i> , 2007, 12, 2106-2122.	3.8	82
90	Selective disaccharide binding by a macrotetracyclic receptor. <i>Chemical Communications</i> , 2007, , 2390.	4.1	29

#	ARTICLE	IF	CITATIONS
91	A Synthetic Lectin Analog for Biomimetic Disaccharide Recognition. <i>Science</i> , 2007, 318, 619-622.	12.6	310
92	Development of synthetic membrane transporters for anions. <i>Chemical Society Reviews</i> , 2007, 36, 348-357.	38.1	377
93	Knowledge is power!. <i>Nature Nanotechnology</i> , 2007, 2, 135-136.	31.5	6
94	The "triamino-analogue" of methyl allochololate; a rigid, functionalised scaffold for supramolecular chemistry. <i>Chemical Communications</i> , 2006, , 2335-2337.	4.1	32
95	Anion binding and transport by steroid-based receptors. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2939-2951.	18.8	182
96	The design of organic catalysis for epoxidation by hydrogen peroxide. <i>Journal of Molecular Modeling</i> , 2006, 12, 649-652.	1.8	3
97	Heterogeneous catalysis of the asymmetric aldol reaction by solid-supported proline-terminated peptides. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2487-2492.	1.8	86
98	Organogel media for on-bead screening in combinatorial catalysis. <i>Tetrahedron Letters</i> , 2005, 46, 3923-3926.	1.4	19
99	Synthesis and photophysical evaluation of charge neutral thiourea or urea based fluorescent PET sensors for bis-carboxylates and pyrophosphate. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 48.	2.8	191
100	Carbohydrate Recognition in Water by a Tricyclic Polyamide Receptor. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 298-302.	13.8	151
101	Spiraling Steroids: Organic Crystals with Asymmetric Nanometer-Scale Channels. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6878-6881.	13.8	33
102	A Blue Dye for Substrate Tagging in the Two-Color Screening of Combinatorial Libraries.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
103	A Short Synthesis of Methyl 3 β ,7 β ,12 β -Triaminocholanoate, the "Triaza-Analogue"™ of Methyl Chololate. <i>Synlett</i> , 2005, 2005, 1319-1321.	1.8	0
104	Contra-Hofmeister anion extraction by cyclosteroidal receptors. <i>Chemical Communications</i> , 2005, , 5263.	4.1	55
105	Substrate Discrimination by Cholapod Anion Receptors: Geometric Effects and the "Affinity" Selectivity Principle. <i>Journal of the American Chemical Society</i> , 2005, 127, 10739-10746.	13.7	106
106	A Blue Dye for Substrate Tagging in the Two-Color Screening of Combinatorial Libraries. <i>ACS Combinatorial Science</i> , 2005, 7, 1-3.	3.3	7
107	Carbohydrate Receptors. , 2005, , 45-109.		46
108	A fluorescent assay for chloride transport; identification of a synthetic anionophore with improved activity. <i>Chemical Communications</i> , 2005, , 1087.	4.1	182

#	ARTICLE	IF	CITATIONS
109	Chiral Guest Recognition. , 2004, , 236-244.		6
110	Electrochemical quantification of high-affinity halide binding by a steroid-based receptor. Organic and Biomolecular Chemistry, 2004, 2, 2716.	2.8	28
111	Tuning selectivity in macrotricyclic carbohydrate receptors; CH ? N mutations in aromatic spacers Electronic supplementary information (ESI) available: experimental details for the synthesis of receptors 3 and 4, binding studies of receptors 3 and 4 with monosaccharide 2, and extraction experiments. See http://www.rsc.org/suppdata/ob/b3/b315447e/ . Organic and Biomolecular Chemistry, 2004, 2, 645.	2.8	34
112	Differentially-protected steroidal triamines; scaffolds with potential for medicinal, supramolecular, and combinatorial chemistry. Organic and Biomolecular Chemistry, 2004, 2, 3320-3328.	2.8	54
113	Design, synthesis and photophysical studies of simple fluorescent anion PET sensors using charge neutral thiourea receptors. Organic and Biomolecular Chemistry, 2004, 2, 1856.	2.8	209
114	Steroidâ€Based Anion Complexation Agents. , 2004, , 1365-1371.		0
115	Chloride Transport Across Vesicle and Cell Membranes by Steroid-Based Receptors. Angewandte Chemie - International Edition, 2003, 42, 4931-4933.	13.8	180
116	Steroids as organising elements in anion receptors. Coordination Chemistry Reviews, 2003, 240, 143-156.	18.8	165
117	Facilitated Phosphatidylserine (PS) Flip-Flop and Thrombin Activation Using A Synthetic PS Scramblase. Journal of the American Chemical Society, 2003, 125, 8195-8201.	13.7	49
118	Perturbing the Hofmeister series: a steroid-based anion receptor with preorganised quaternary ammonium and H-bond donor groups. Chemical Communications, 2003, , 2246.	4.1	50
119	Phase transfer of monosaccharides through noncovalent interactions: Selective extraction of glucose by a lipophilic cage receptor. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4863-4866.	7.1	60
120	Evaluation of a Two-Stage Screening Procedure in the Combinatorial Search for Serine Protease-Like Activity. ACS Combinatorial Science, 2002, 4, 552-562.	3.3	34
121	Facilitated Phospholipid Flip-Flop Using Synthetic Steroid-Derived Translocases. Journal of the American Chemical Society, 2002, 124, 5276-5277.	13.7	48
122	Steroidal Ureas as Enantioselective Receptors for anN-Acetyl Î±-Amino Carboxylate. Organic Letters, 2002, 4, 4639-4642.	4.6	39
123	Highly Selective Disaccharide Recognition by a Tricyclic Octaamide Cage. Angewandte Chemie, 2002, 114, 4267-4270.	2.0	24
124	An Extraction-Based Assay for Neutral Anionophores: The Measurement of High Binding Constants to Steroidal Receptors in a Nonpolar Solvent. Chemistry - A European Journal, 2002, 8, 2197.	3.3	40
125	Enantioselective Transport by a Steroidal Guanidinium Receptor. Chemistry - A European Journal, 2002, 8, 2931.	3.3	64
126	Highly Selective Disaccharide Recognition by a Tricyclic Octaamide Cage. Angewandte Chemie - International Edition, 2002, 41, 4093-4096.	13.8	74

#	ARTICLE	IF	CITATIONS
127	Fluorescent Sensing of Pyrophosphate and Bis-carboxylates with Charge Neutral PET Chemosensors. <i>Organic Letters</i> , 2002, 4, 2449-2452.	4.6	433
128	Steroidal guanidines as enantioselective receptors for N-acyl β -amino acids. Part 1. β -Guanylated carbamates derived from cholic acid. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1329-1341.	1.3	62
129	New β -Cholapod Anionophores; High-Affinity Halide Receptors Derived from Cholic Acid. <i>Journal of the American Chemical Society</i> , 2001, 123, 12716-12717.	13.7	142
130	Gel-Phase MAS NMR Spectroscopy of a Polymer-Supported Pseudorotaxane and Rotaxane: Receptor Binding to an α -Inert Polyethylene Glycol Spacer. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1757-1760.	13.8	22
131	A New Screen for Combinatorial Catalysis; On-Bead Testing in Agarose Gel. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3813-3815.	13.8	26
132	Fluorescent photoinduced electron transfer (PET) sensing of anions using charge neutral chemosensors. Electronic supplementary data (ESI) available: ^1H , ^{13}C NMR for 1a and UV-Vis and NMR titration results for 1a are available as electronic supplementary information (ESI). See http://www.rsc.org/suppdata/cc/b1/b107608f/ . <i>Chemical Communications</i> , 2001, , 2556-2557.	4.1	239
133	Application of Combinatorial Procedures in the Search for Serine-Protease-Like Activity with Focus on the Acyl Transfer Step. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 145-148.	13.8	66
134	Benzylic oligothioethers as ditopic ligands for Group 6 transition metal carbonyls. <i>Dalton Transactions RSC</i> , 2000, , 173-179.	2.3	8
135	Non-Leaky Vesicle Fusion and Enhanced Cell Transfection Using a Cationic Facial Amphiphile. <i>Journal of the American Chemical Society</i> , 2000, 122, 3252-3253.	13.7	31
136	The "Triamino-analogue" of Methyl Cholate; A Practical, Large-Scale Synthesis. <i>Synlett</i> , 1999, 1999, 991-993.	1.8	30
137	A trifunctional steroid-based scaffold for combinatorial chemistry. <i>Tetrahedron Letters</i> , 1999, 40, 2849-2852.	1.4	52
138	Synthetic molecular motors. <i>Nature</i> , 1999, 401, 120-121.	27.8	65
139	A Novel Sensitive Colorimetric Assay for Visual Detection of Solid-Phase Bound Amines. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2787-2791.	2.4	67
140	Carbohydrate Recognition through Noncovalent Interactions: A Challenge for Biomimetic and Supramolecular Chemistry. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2978-2996.	13.8	457
141	The N-carbamoyl squaramide dimer: a compact, strongly associated H-bonding motif. <i>Chemical Communications</i> , 1999, , 2265-2266.	4.1	38
142	Steroidal guanidinium receptors for the enantioselective recognition of N-acyl β -amino acids. <i>Chemical Communications</i> , 1999, , 9-10.	4.1	36
143	Tilting at Windmills? The Second Law Survives. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 909-910.	13.8	63
144	A Tricyclic Polyamide Receptor for Carbohydrates in Organic Media. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2270-2273.	13.8	107

#	ARTICLE	IF	CITATIONS
145	Anion recognition by alkyl cholates: Neutral anionophores closely related to a natural product. <i>Tetrahedron Letters</i> , 1998, 39, 4569-4572.	1.4	34
146	The "ε-triamino-analogue" of methyl cholate; a facial amphiphile and scaffold with potential for combinatorial and molecular recognition chemistry. <i>Tetrahedron Letters</i> , 1998, 39, 6083-6086.	1.4	35
147	The triisopropylsilyl effect: exceptional Cram-type selectivity in Mukaiyama aldol reactions of a silyl ketene thioacetal. <i>Chemical Communications</i> , 1998, , 1797-1798.	4.1	11
148	A Tricyclic Polyamide Receptor for Carbohydrates in Organic Media. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2270-2273.	13.8	1
149	A New Generation of "Cholaphanes" Steroid-Derived Macrocyclic Hosts with Enhanced Solubility and Controlled Flexibility. <i>Journal of Organic Chemistry</i> , 1997, 62, 8463-8473.	3.2	59
150	Anion Recognition by Tripodal Receptors Derived from Cholic Acid. <i>Journal of the American Chemical Society</i> , 1997, 119, 1793-1794.	13.7	118
151	Mitsunobu reactions with methanesulfonic acid; The replacement of equatorial hydroxyl groups by azide with net retention of configuration. <i>Tetrahedron Letters</i> , 1997, 38, 4305-4308.	1.4	38
152	Deracemization by Enantiodifferentiating Inversion in 1,3-Diols. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 591-594.	4.4	18
153	Steroid-based receptors with tunable cavities; a series of polyhydroxylated macrocycles of varying size and flexibility. <i>Chemical Communications</i> , 1996, , 453.	4.1	35
154	Steroid-based receptors with tunable cavities; stepwise and direct syntheses of a C 3-symmetrical prototype. <i>Chemical Communications</i> , 1996, , 449.	4.1	30
155	Ein auf einem Steroid basierender Cryptand für Halogenidionen. <i>Angewandte Chemie</i> , 1996, 108, 1410-1413.	2.0	13
156	A Steroid-Based Cryptand for Halide Anions. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1312-1315.	4.4	100
157	Supersilylating agents from chlorosilanes. <i>Tetrahedron Letters</i> , 1996, 37, 9401-9402.	1.4	19
158	Synthesis of (S)-2-Amino-1,1-diphenylbutan-4-ol; conversion of an L-amino acid into an D-(diphenylmethyl) amine without loss of optical purity. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2819-2828.	1.8	29
159	Synthesis and investigation of a hindered, chiral, bicyclic guanidine. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2829-2840.	1.8	63
160	Antimony-based "forcing Knoevenagel" methodology for the conversion of ketones into alkylidenemalonates. <i>Tetrahedron</i> , 1995, 51, 8033-8042.	1.9	16
161	1,1,3,3-Tetraethyl-1,3-disubstituted indolines; Chromatographically stable silicon-based protection for primary amines. <i>Tetrahedron Letters</i> , 1995, 36, 3269-3272.	1.4	11
162	Synthesis and properties of enantiopure bicyclic amidines. <i>Tetrahedron Letters</i> , 1995, 36, 4279-4282.	1.4	38

#	ARTICLE	IF	CITATIONS
163	Reagent control of cram-type selectivity in the mukaiyama aldol catalysed by supersilylating agents. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2173.	2.0	15
164	Amide bond formation via pentafluorothiophenyl active esters. <i>Tetrahedron Letters</i> , 1994, 35, 4865-4868.	1.4	25
165	6-Phenylsulfonyl-2,10-diazabicyclo[4.4.0]dec-1-ene—a readily accessible, prototypical bicyclic amidine for studies in molecular recognition and catalysis. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2557-2558.	2.0	8
166	(4S,8S)-4,8-bis(diphenylmethyl)-1,5,7-triazabicyclo[4,4,0]dec-5-ene; a hindered, chiral, bicyclic guanidine base with effective C ₂ -symmetry. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1875.	2.0	14
167	Cholic acid as an architectural component in biomimetic/molecular recognition chemistry; synthesis of the first <i>œ</i> cholaphanes. <i>Tetrahedron</i> , 1993, 49, 9829-9844.	1.9	52
168	Cholic acid as an architectural component in biomimetic/ molecular recognition chemistry; NMR and molecular mechanics study of a <i>œ</i> tetra-acetoxycholaphane. <i>Tetrahedron</i> , 1993, 49, 9845-9854.	1.9	28
169	Cholic acid as an architectural component in biomimetic/molecular recognition chemistry; Synthesis of <i>œ</i> cholaphanes with facial differentiation of functionality. <i>Tetrahedron</i> , 1993, 49, 9855-9866.	1.9	41
170	Modulation of interleukin 2 high affinity binding to human T cells by a pyrimidodiazepine insect metabolite. <i>FEBS Letters</i> , 1993, 334, 309-312.	2.8	1
171	Synthesis of cyclo-bis[7 β , 12 β -diacetoxy-3 β -dicyanomethyl-3 β -(4-methylenephenyl)cholanamide]; a cholaphane with reduced flexibility and externally-directed functionality. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 919-924.	0.9	11
172	Cholaphanes et al.; steroids as structural components in molecular engineering. <i>Chemical Society Reviews</i> , 1993, 22, 243.	38.1	179
173	An unexpected pathway in the palladium-catalysed chemistry of allyl carbonates; the transfer of allyloxycarbonyl groups without loss of CO ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 492.	2.0	13
174	Super-acid catalysed addition of allylsilanes to carbonyl compounds; synthetic and mechanistic aspects. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 2111.	0.9	31
175	Diastereo- and enantio-selective binding of octyl glucosides by an artificial receptor. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 752.	2.0	60
176	Deprotonation of nitroalkanes by bicyclic amidine and guanidine bases; evidence for molecular recognition within a catalytic cycle for C=C bond formation. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 239-242.	2.0	47
177	Structural requirements for the modulatory effect of 6-substituted pterins on interleukin 2 receptor binding. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1135, 330-334.	4.1	6
178	Hydrosilylation-allylation sequence for the stereoselective elaboration of .beta.-hydroxy esters. <i>Journal of the American Chemical Society</i> , 1992, 114, 2745-2746.	13.7	39
179	The stereoselective addition of organometallic reagents to electron-deficient alkyldenecyclohexanes; alternative linkages for cholaphane synthesis. <i>Tetrahedron</i> , 1992, 48, 8725-8738.	1.9	14
180	Stereocontrolled synthesis of cholic acid derivatives with N-protected 7 β - and/or 12 β -amino substituents. <i>Tetrahedron Letters</i> , 1992, 33, 5111-5112.	1.4	10

#	ARTICLE	IF	CITATIONS
181	Protection of primary amino as pyrrole in organometallic reagents. <i>Tetrahedron Letters</i> , 1992, 33, 8125-8126.	1.4	18
182	Catalysis of the Addition of Allyltrimethylsilane to Aldehydes by Silylating Agents. Me ₃ SiB(OTf) ₄ , a New, $\hat{\sim}$ Supersilylating $\hat{\sim}$ ™ Reagent. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 470-471.	4.4	44
183	1,3-versus 1,2-Asymmetric induction in the reduction of $\hat{1}^2$ -hydroxy ketones by intramolecular hydrosilylation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1383-1389.	0.9	26
184	Synthesis and X-ray crystal structure of a new $\hat{\sim}$ cholaphane $\hat{\sim}$ ™ with externally directed functionality. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 612-614.	2.0	22
185	Artificial Receptors for Carbohydrate Derivatives. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1407-1408.	4.4	85
186	Superacid catalysis of the addition of allylsilanes to carbonyl compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1176.	2.0	16
187	New procedures for selectively protected cholic acid derivatives. Regioselective protection of the $12\hat{1}\pm$ -OH group, and t-butyl esterification of the carboxyl group. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2245-2250.	0.9	27
188	Synthesis of steroidal cyclodimers from cholic acid; a molecular framework with potential for recognition and catalysis. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1050.	2.0	43
189	The application of difunctional organosilicon compounds to organic synthesis; 1,3-asymmetric induction in the reduction of $\hat{1}^2$ -hydroxy-ketones. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 831-832.	2.0	42
190	Chemistry of pyrrocorphins: synthesis of isobacteriochlorins and pyrrocorphins bearing a methyl group at the meso position between rings A and D. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1401.	2.0	9
191	The stereochemistry of cyclisation of n-butyl-dihydrocinnamamide to a $\hat{1}^2$ -lactam. <i>Tetrahedron</i> , 1982, 38, 2777-2781.	1.9	7
192	Penicillin biosynthesis: a model for the oxidative cyclisation of a peptide to a $\hat{1}^2$ -lactam. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 1219-1221.	2.0	5
193	1,2-Oxathiolan, a simple sultene. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 741.	2.0	18
194	5-Isothiazolidinonyl and 5-isoxazolidinonyl radicals. <i>Tetrahedron</i> , 1981, 37, 2181-2189.	1.9	13
195	Some epoxide ring-opening reactions of $\hat{1}\hat{1}^2$ -epoxysilanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 1934-1941.	0.9	25
196	Ethynyl p-tolyl sulphone as an acetylene equivalent in Diels $\hat{\sim}$ Alder reactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 639-640.	2.0	38