

Philip A Gale

List of Publications by Year in descending order

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334
papers

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4535

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380
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380
docs citations

380
times ranked

12224
citing authors

#	ARTICLE	IF	CITATIONS
1	Anion Recognition and Sensing: The State of the Art and Future Perspectives. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 486-516.	7.2	3,381
2	Applications of Supramolecular Anion Recognition. <i>Chemical Reviews</i> , 2015, 115, 8038-8155.	23.0	1,025
3	Anion receptor chemistry: highlights from 2007. <i>Chemical Society Reviews</i> , 2009, 38, 520-563.	18.7	824
4	Anion receptors based on organic frameworks: highlights from 2005 and 2006. <i>Chemical Society Reviews</i> , 2008, 37, 151-190.	18.7	751
5	Pyrrolic and polypyrrolic anion binding agents. <i>Coordination Chemistry Reviews</i> , 2003, 240, 17-55.	9.5	741
6	Calix[4]pyrroles: An Old Yet New Anion-Binding Agents. <i>Journal of the American Chemical Society</i> , 1996, 118, 5140-5141.	6.6	727
7	Structural and Molecular Recognition Studies with Acyclic Anion Receptors. <i>Accounts of Chemical Research</i> , 2006, 39, 465-475.	7.6	667
8	Anion receptor chemistry: highlights from 2010. <i>Chemical Society Reviews</i> , 2012, 41, 480-520.	18.7	607
9	Anion and ion-pair receptor chemistry: highlights from 2000 and 2001. <i>Coordination Chemistry Reviews</i> , 2003, 240, 191-221.	9.5	605
10	Anion receptor chemistry: highlights from 1999. <i>Coordination Chemistry Reviews</i> , 2001, 213, 79-128.	9.5	578
11	Anion sensing by small molecules and molecular ensembles. <i>Chemical Society Reviews</i> , 2015, 44, 4212-4227.	18.7	507
12	Anion receptor chemistry: highlights from 2008 and 2009. <i>Chemical Society Reviews</i> , 2010, 39, 3746.	18.7	475
13	Anion coordination and anion-directed assembly: highlights from 1997 and 1998. <i>Coordination Chemistry Reviews</i> , 2000, 199, 181-233.	9.5	473
14	Anion receptor chemistry: highlights from 2011 and 2012. <i>Chemical Society Reviews</i> , 2014, 43, 205-241.	18.7	439
15	Changing and challenging times for service crystallography. <i>Chemical Science</i> , 2012, 3, 683-689.	3.7	435
16	Calixpyrroles II. <i>Coordination Chemistry Reviews</i> , 2001, 222, 57-102.	9.5	400
17	Anion coordination and anion-templated assembly: Highlights from 2002 to 2004. <i>Coordination Chemistry Reviews</i> , 2006, 250, 3219-3244.	9.5	391
18	Calixpyrroles. <i>Chemical Communications</i> , 1998, , 1-8.	2.2	377

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19	Anion receptor chemistry. <i>Chemical Communications</i> , 2011, 47, 82-86.	2.2	348
20	Synthetic ion transporters can induce apoptosis by facilitating chloride anion transport into cells. <i>Nature Chemistry</i> , 2014, 6, 885-892.	6.6	348
21	Anion Receptor Chemistry. <i>CheM</i> , 2016, 1, 351-422.	5.8	342
22	Calix[4]pyrrole as a Chloride Anion Receptor: Solvent and Counteraction Effects. <i>Journal of the American Chemical Society</i> , 2006, 128, 12281-12288.	6.6	327
23	Metal-Organic Anion Receptors: Arranging Urea Hydrogen-Bond Donors to Encapsulate Sulfate Ions. <i>Journal of the American Chemical Society</i> , 2004, 126, 5030-5031.	6.6	316
24	From Anion Receptors to Transporters. <i>Accounts of Chemical Research</i> , 2011, 44, 216-226.	7.6	278
25	Structure-Activity Relationships in Tripodal Transmembrane Anion Transporters: The Effect of Fluorination. <i>Journal of the American Chemical Society</i> , 2011, 133, 14136-14148.	6.6	277
26	Anion transport and supramolecular medicinal chemistry. <i>Chemical Society Reviews</i> , 2017, 46, 2497-2519.	18.7	268
27	Synthetic indole, carbazole, biindole and indolocarbazole-based receptors: applications in anion complexation and sensing. <i>Chemical Communications</i> , 2008, , 4525.	2.2	266
28	Calix[4]pyrrole: An Old yet New Ion-Pair Receptor. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2537-2542.	7.2	255
29	Fluorescent and colorimetric sensors for anionic species. <i>Coordination Chemistry Reviews</i> , 2018, 354, 2-27.	9.5	246
30	Mechanisms of electrochemical recognition of cations, anions and neutral guest species by redox-active receptor molecules. <i>Coordination Chemistry Reviews</i> , 1999, 185-186, 3-36.	9.5	241
31	Electrochemical molecular recognition: pathways between complexation and signalling. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1897-1910.	1.1	229
32	Squaramides as Potent Transmembrane Anion Transporters. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4426-4430.	7.2	222
33	Anion binding vs. deprotonation in colorimetric pyrrolylamidothiourea based anion sensors. <i>Chemical Communications</i> , 2006, , 965.	2.2	207
34	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , 2017, 9, 667-675.	6.6	201
35	Calix[4]pyrroles Containing Deep Cavities and Fixed Walls. Synthesis, Structural Studies, and Anion Binding Properties of the Isomeric Products Derived from the Condensation of p-Hydroxyacetophenone and Pyrrole. <i>Journal of the American Chemical Society</i> , 1999, 121, 11020-11021.	6.6	194
36	Anion Transporters and Biological Systems. <i>Accounts of Chemical Research</i> , 2013, 46, 2801-2813.	7.6	194

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37	Amidopyrroles: from anion receptors to membrane transport agents. <i>Chemical Communications</i> , 2005, , 3761.	2.2	192
38	Nitrophenyl derivatives of pyrrole 2,5-diamides: structural behaviour, anion binding and colour change signalled deprotonation Electronic supplementary information (ESI) available: ¹ H NMR, ¹³ C NMR and mass spectra for compounds 2 and 3, NMR anion titration profiles in DMSO-d ₆ 0.5% water. See http://www.rsc.org/suppdata/ob/b2/b210848h/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 741-744.	1.5	186
39	Using small molecules to facilitate exchange of bicarbonate and chloride anions across liposomal membranes. <i>Nature Chemistry</i> , 2009, 1, 138-144.	6.6	185
40	Advances in Anion Receptor Chemistry. <i>CheM</i> , 2020, 6, 61-141.	5.8	180
41	Small Molecule Lipid Bilayer Anion Transporters for Biological Applications. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1374-1382.	7.2	167
42	Title is missing!. <i>Coordination Chemistry Reviews</i> , 2003, 240, 1.	9.5	164
43	Anthracene-linked calix[4]pyrroles: fluorescent chemosensors for anions. <i>Chemical Communications</i> , 1999, , 1723-1724.	2.2	163
44	1,3-Indolylureas and 1,3-Indolylthioureas: Anion Complexation Studies in Solution and the Solid State. <i>Chemistry - A European Journal</i> , 2008, 14, 10236-10243.	1.7	159
45	A colourimetric calix[4]pyrrole 4-nitrophenolate based anion sensor. <i>Chemical Communications</i> , 1999, , 1851-1852.	2.2	154
46	Binding of Neutral Substrates by Calix[4]pyrroles. <i>Journal of the American Chemical Society</i> , 1996, 118, 12471-12472.	6.6	152
47	Anion-directed assembly: the first fluoride-directed double helix. <i>Chemical Communications</i> , 2003, , 568-569.	2.2	144
48	Preface: supramolecular chemistry of anionic species themed issue. <i>Chemical Society Reviews</i> , 2010, 39, 3595.	18.7	144
49	Anion Recognition and Sensing: The State of the Art and Future Perspectives. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 486-516.	7.2	138
50	Synthetic Ditopic Receptors. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 69-75.	1.6	136
51	Advances in anion transport and supramolecular medicinal chemistry. <i>Chemical Society Reviews</i> , 2020, 49, 6056-6086.	18.7	134
52	Conformational Control of Transmembrane Cl-Transport. <i>Journal of the American Chemical Society</i> , 2007, 129, 1886-1887.	6.6	131
53	Anion-binding modes in a macrocyclic amidourea. <i>Chemical Communications</i> , 2006, , 4344.	2.2	130
54	1,2,3-Triazole-strapped calix[4]pyrrole: a new membrane transporter for chloride. <i>Chemical Communications</i> , 2009, , 3017.	2.2	129

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55	Nonprotonophoric Electrogenic Cl ⁻ Transport Mediated by Valinomycin-like Carriers. <i>Chem</i> , 2016, 1, 127-146.	5.8	128
56	Tripodal transmembrane transporters for bicarbonate. <i>Chemical Communications</i> , 2010, 46, 6252.	2.2	127
57	Co-transport of H ⁺ /Cl ⁻ by a synthetic prodigiosin mimic. <i>Chemical Communications</i> , 2005, , 3773.	2.2	126
58	Isophthalamides and 2,6-dicarboxamidopyridines with pendant indole groups: a "twisted" binding mode for selective fluoride recognition. <i>Chemical Communications</i> , 2007, , 2121-2123.	2.2	126
59	Anion ⁻ Anion Assembly: A New Class of Anionic Supramolecular Polymer Containing 3,4-Dichloro-2,5-diamido-substituted Pyrrole Anion Dimers. <i>Journal of the American Chemical Society</i> , 2002, 124, 11228-11229.	6.6	124
60	1,3-Diindolylureas: high affinity dihydrogen phosphate receptors. <i>Chemical Communications</i> , 2008, , 3007.	2.2	124
61	Carboxylate complexation by a family of easy-to-make ortho-phenylenediamine based bis-ureas: studies in solution and the solid state. <i>New Journal of Chemistry</i> , 2006, 30, 65-70.	1.4	123
62	Calix[4]pyrroles: New Solid-Phase HPLC Supports for the Separation of Anions. <i>Chemistry - A European Journal</i> , 1998, 4, 1095-1099.	1.7	122
63	Solution and solid-state studies of 3,4-dichloro-2,5-diamidopyrroles: formation of an unusual anionic narcissistic dimer Electronic supplementary information (ESI) available: synthesis and characterisation of compounds 3 and 4. See http://www.rsc.org/suppdata/cc/b2/b200980c/ . <i>Chemical Communications</i> , 2002, , 758-759.	2.2	122
64	Fluoride-Selective Binding in a New Deep Cavity Calix[4]pyrrole: Experiment and Theory. <i>Journal of the American Chemical Society</i> , 2002, 124, 8644-8652.	6.6	119
65	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , 2013, 4, 103-117.	3.7	119
66	Acyclic indole and carbazole-based sulfate receptors. <i>Chemical Science</i> , 2010, 1, 215.	3.7	117
67	Octafluorocalix[4]pyrrole: A Chloride/Bicarbonate Antiport Agent. <i>Journal of the American Chemical Society</i> , 2010, 132, 3240-3241.	6.6	115
68	Carboxylate complexation by 1,1 ⁻ -(1,2-phenylene)bis(3-phenylurea) in solution and the solid state. <i>Chemical Communications</i> , 2005, , 4696.	2.2	114
69	meso-Octamethylcalix[4]pyrrole: an old yet new transmembrane ion-pair transporter. <i>Chemical Communications</i> , 2008, , 6321.	2.2	114
70	Anion Binding: Self-Assembly of Polypyrrolic Macrocycles. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2782-2785.	4.4	113
71	Anion receptor chemistry: Highlights from 2016. <i>Coordination Chemistry Reviews</i> , 2018, 375, 333-372.	9.5	112
72	Supramolecular Transmembrane Anion Transport: New Assays and Insights. <i>Accounts of Chemical Research</i> , 2018, 51, 1870-1879.	7.6	112

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73	Thiosquaramides: pH switchable anion transporters. <i>Chemical Science</i> , 2014, 5, 3617-3626.	3.7	109
74	High Affinity Anion Binding by Steroidal Squaramide Receptors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4592-4596.	7.2	106
75	Advances in applied supramolecular technologies. <i>Chemical Society Reviews</i> , 2021, 50, 2737-2763.	18.7	105
76	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , 2013, 4, 3036.	3.7	104
77	Fluoride recognition in a super-extended cavity™ calix[4]pyrroles. <i>Chemical Communications</i> , 2000, , 1129-1130.	2.2	102
78	Ferrocene-substituted calix[4]pyrrole: a new electrochemical sensor for anions involving CH ⁻ anion hydrogen bonds. <i>Tetrahedron Letters</i> , 2001, 42, 6759-6762.	0.7	102
79	Platinum(ii) nicotinamide complexes as receptors for oxo-anions. <i>Chemical Communications</i> , 2001, , 729-730.	2.2	101
80	Anion Anion Proton Transfer in Hydrogen Bonded Complexes. <i>Chemistry - an Asian Journal</i> , 2010, 5, 555-561.	1.7	101
81	2-Amidopyrroles and 2,5-Diamidopyrroles as Simple Anion Binding Agents. <i>Journal of Organic Chemistry</i> , 2001, 66, 7849-7853.	1.7	96
82	2,7-Functionalized Indoles as Receptors for Anions. <i>Journal of Organic Chemistry</i> , 2007, 72, 8921-8927.	1.7	96
83	Synthetic transporters for sulfate: a new method for the direct detection of lipid bilayer sulfate transport. <i>Chemical Science</i> , 2014, 5, 1118.	3.7	95
84	Calix[4]pyrroles: C-rim substitution and tunability of anion binding strength. <i>Chemical Communications</i> , 1997, , 665-666.	2.2	92
85	Functionalized calix[4]pyrroles. <i>Pure and Applied Chemistry</i> , 1998, 70, 2401-2408.	0.9	92
86	Calix[4]pyrrole-based anion transporters with tuneable transport properties. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4356.	1.5	92
87	NH vs. CH hydrogen bond formation in metal organic anion receptors containing pyrrolylpyridine ligands. <i>Chemical Communications</i> , 2005, , 4913.	2.2	91
88	Structurally simple lipid bilayer transport agents for chloride and bicarbonate. <i>Chemical Science</i> , 2011, 2, 256-260.	3.7	91
89	Oligoether Strapped Calix[4]pyrrole: An Ion Pair Receptor Displaying Cation Dependent Chloride Anion Transport. <i>Chemistry - A European Journal</i> , 2012, 18, 2514-2523.	1.7	91
90	Prospects and Challenges in Anion Recognition and Transport. <i>CheM</i> , 2020, 6, 1296-1309.	5.8	90

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91	Acridinone-based anion receptors and sensors. <i>Chemical Communications</i> , 2007, , 1450-1452.	2.2	89
92	Calix[4]pyridine: a new arrival in the heterocalixarene family. <i>Chemical Communications</i> , 1998, , 9-10.	2.2	87
93	New Ionophoric Calix[4]diquinones: Coordination Chemistry, Electrochemistry, and X-ray Crystal Structures. <i>Inorganic Chemistry</i> , 1997, 36, 5880-5893.	1.9	86
94	Conformational Control of Selectivity and Stability in Hybrid Amide/Urea Macrocycles. <i>Chemistry - A European Journal</i> , 2007, 13, 3320-3329.	1.7	86
95	Pyrrolylamidourea based anion receptors. <i>New Journal of Chemistry</i> , 2006, 30, 1019.	1.4	83
96	Anion binding vs.sulfonamide deprotonation in functionalised ureas. <i>Chemical Communications</i> , 2008, , 61-63.	2.2	82
97	Advances in fluorescent and colorimetric sensors for anionic species. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213573.	9.5	82
98	Lower-rim ferrocenyl substituted calixarenes: New electrochemical sensors for anions. <i>Polyhedron</i> , 1998, 17, 405-412.	1.0	80
99	Cooperative Binding of Calix[4]pyrrole Anion Complexes and Alkylammonium Cations in Halogenated Solvents. <i>Chemistry - A European Journal</i> , 2008, 14, 7822-7827.	1.7	77
100	Transmembrane anion transport by synthetic systems. <i>Chemical Communications</i> , 2011, 47, 8203.	2.2	77
101	Molecular Recognition at an Organic/Aqueous Interface: Heterocalixarenes as Anion Binding Agents in Liquid Polymeric Membrane Ion-Selective Electrodes. <i>Journal of the American Chemical Society</i> , 1999, 121, 8771-8775.	6.6	75
102	pH-Regulated Nonelectrogenic Anion Transport by Phenylthiosemicarbazones. <i>Journal of the American Chemical Society</i> , 2016, 138, 8301-8308.	6.6	75
103	Hydrogen-bonding pyrrolic amide cleft anion receptors. <i>Tetrahedron Letters</i> , 2001, 42, 5095-5097.	0.7	74
104	Towards drug-like indole-based transmembrane anion transporters. <i>Chemical Science</i> , 2012, 3, 2501.	3.7	73
105	Determinants of Ion-Transporter Cancer Cell Death. <i>CheM</i> , 2019, 5, 2079-2098.	5.8	73
106	Fluorescent carbazolylurea anion receptors. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1781.	1.5	71
107	Acylothioureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 62-72.	1.5	71
108	Transmembrane Fluoride Transport: Direct Measurement and Selectivity Studies. <i>Journal of the American Chemical Society</i> , 2016, 138, 16515-16522.	6.6	70

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109	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.	3.7	70
110	Solvent-induced supramolecular isomerism in [Pt(SiC(NH ₂) ₂) ₄] ²⁺ croconate salts. <i>Chemical Communications</i> , 2005, , 5864.	2.2	68
111	Lipophilic balance “ a new design principle for transmembrane anion carriers. <i>Chemical Science</i> , 2014, 5, 1128.	3.7	68
112	Hydrogen bond-mediated recognition of the chemical warfare agent soman (GD). <i>Chemical Communications</i> , 2012, 48, 5605.	2.2	67
113	Conformational control of HCl co-transporter: imidazole functionalised isophthalamide vs. 2,6-dicarboxamidopyridine. <i>Chemical Communications</i> , 2007, , 1736.	2.2	65
114	Progress in anion receptor chemistry. <i>CheM</i> , 2022, 8, 46-118.	5.8	65
115	A neutral upper to lower rim linked bis-calix[4]arene receptor that recognises anionic guest species. <i>Tetrahedron Letters</i> , 1995, 36, 767-770.	0.7	63
116	Modified Calix[4]pyrroles. <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 3471-3478.	1.8	62
117	First synthesis of an expanded calixpyrrole. <i>Tetrahedron Letters</i> , 1997, 38, 8443-8444.	0.7	61
118	Cytosine substituted calix[4]pyrroles: Neutral receptors for 5'-guanosine monophosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4848-4853.	3.3	61
119	Diester-calix[4]arenequinone complexation and electrochemical recognition of group 1 and 2, ammonium and alkyl ammonium guest cations.. <i>Tetrahedron</i> , 1994, 50, 931-940.	1.0	60
120	Highly effective yet simple transmembrane anion transporters based upon <i>ortho</i> -phenylenediamine bis-ureas. <i>Chemical Communications</i> , 2014, 50, 12050-12053.	2.2	57
121	Dynamic Covalent Transport of Amino Acids across Lipid Bilayers. <i>Journal of the American Chemical Society</i> , 2015, 137, 1476-1484.	6.6	54
122	Tunable transmembrane chloride transport by bis-indolylureas. <i>Chemical Science</i> , 2012, 3, 1436.	3.7	53
123	Artificial transmembrane ion transporters as potential therapeutics. <i>CheM</i> , 2021, 7, 3256-3291.	5.8	53
124	pH switchable anion transport by an oxothiosquaramide. <i>Chemical Communications</i> , 2015, 51, 10107-10110.	2.2	51
125	<i>ortho</i> -Phenylenediamine bis-urea“ carboxylate: a new reliable supramolecular synthon. <i>CrystEngComm</i> , 2005, 7, 586.	1.3	50
126	Small-Molecule Uncoupling Protein Mimics: Synthetic Anion Receptors as Fatty Acid-Activated Proton Transporters. <i>Journal of the American Chemical Society</i> , 2016, 138, 16508-16514.	6.6	50

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127	Perenosins: a new class of anion transporter with anti-cancer activity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2645-2650.	1.5	50
128	Synthesis of a new cylindrical calix[4]arene-calix[4]pyrrole pseudo dimer. <i>Tetrahedron Letters</i> , 1996, 37, 7881-7884.	0.7	49
129	Synthesis and Anion Binding Properties of N,N'-Bispyrrol-2-yl-2,5-diamidopyrrole. <i>Organic Letters</i> , 2006, 8, 1593-1596.	2.4	48
130	Carbamate complexation by urea-based receptors: studies in solution and the solid state. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 100-106.	1.5	48
131	Detection of nerve agent via perturbation of supramolecular gel formation. <i>Chemical Communications</i> , 2013, 49, 9119.	2.2	48
132	Detection and remediation of organophosphorus compounds by oximate containing organogels. <i>Chemical Science</i> , 2015, 6, 5680-5684.	3.7	48
133	Photomodulation of Transmembrane Transport and Potential by Stiff-Stilbene Based Bis(thio)ureas. <i>Journal of the American Chemical Society</i> , 2022, 144, 331-338.	6.6	48
134	Lithiation of meso-Octamethylcalix[4]pyrrole: A General Route to C-Rim Monosubstituted Calix[4]pyrroles. <i>Journal of Organic Chemistry</i> , 2000, 65, 7641-7645.	1.7	47
135	QSAR analysis of substituent effects on tambjamine anion transporters. <i>Chemical Science</i> , 2016, 7, 1600-1608.	3.7	47
136	Voltage-Switchable HCl Transport Enabled by Lipid Headgroup-Transporter Interactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15142-15147.	7.2	47
137	Complexation of Alkali Chloride Contact Ion-Pairs Using A 2,5-Diamidopyrrole Crown Macrobicycle. <i>Journal of Supramolecular Chemistry</i> , 2001, 1, 289-292.	0.4	46
138	Metal-organic anion receptors: trans-functionalised platinum complexes. <i>Chemical Communications</i> , 2008, , 5695.	2.2	46
139	Tetraurea Macrocycles: Aggregation-Driven Binding of Chloride in Aqueous Solutions. <i>Chem</i> , 2019, 5, 1210-1222.	5.8	46
140	Metal-induced pre-organisation for anion recognition in a neutral platinum-containing receptor. <i>Chemical Communications</i> , 2009, , 6279.	2.2	45
141	Anion recognition and transport properties of sulfamide-, phosphoric triamide- and thiophosphoric triamide-based receptors. <i>Chemical Communications</i> , 2013, 49, 874-876.	2.2	45
142	Oligopyrrole-based solid state self-assemblies. <i>Polyhedron</i> , 2003, 22, 2963-2983.	1.0	44
143	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. <i>Chemical Science</i> , 2016, 7, 5069-5077.	3.7	44
144	Confirmation of a "cleft-mode" of binding in a 2,5-diamidopyrrole anion receptor in the solid state. <i>Tetrahedron Letters</i> , 2002, 43, 6995-6996.	0.7	43

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145	Thiourea isosteres as anion receptors and transmembrane transporters. <i>Chemical Communications</i> , 2011, 47, 7641.	2.2	43
146	Anion transport by <i>ortho</i> -phenylene bis-ureas across cell and vesicle membranes. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1083-1087.	1.5	43
147	Fluorescent squaramides as anion receptors and transmembrane anion transporters. <i>Chemical Communications</i> , 2018, 54, 1363-1366.	2.2	43
148	Structures of potassium encapsulated within the 1,3-alternate conformation of calix[4]arenes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3479.	1.1	42
149	Twisted™ isophthalamide analogues. <i>Chemical Communications</i> , 2005, , 734-736.	2.2	42
150	Indole-based perenosins as highly potent HCl transporters and potential anti-cancer agents. <i>Scientific Reports</i> , 2017, 7, 9397.	1.6	42
151	Supramolecular chemistry: from complexes to complexity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 431-453.	1.6	40
152	Anion-induced conformational changes in 2,7-disubstituted indole-based receptors. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3505.	1.5	40
153	Synthesis and electrochemical polymerization of calix[4]arenes containing N-substituted pyrrole moieties. <i>Journal of Electroanalytical Chemistry</i> , 1995, 393, 113-117.	1.9	39
154	Ionic liquid-calix[4]pyrrole complexes: pyridinium inclusion in the calixpyrrole cup. <i>CrystEngComm</i> , 2006, 8, 300-302.	1.3	39
155	Dissecting the chloride-nitrate anion transport assay. <i>Chemical Communications</i> , 2017, 53, 9230-9233.	2.2	39
156	Electrochemical Recognition of Charged and Neutral Guest Species by Redox-active Receptor Molecules. <i>Advances in Physical Organic Chemistry</i> , 1999, , 1-90.	0.5	37
157	2,5-Diamidofuran anion receptors. <i>Tetrahedron Letters</i> , 2003, 44, 1367-1369.	0.7	37
158	Anion binding properties of 5,5-dicarboxamido-dipyrrolylmethanes. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2935-2941.	1.5	37
159	Ferrocene-substituted calix[4]pyrrole modified carbon paste electrodes for anion detection in water. <i>Journal of Electroanalytical Chemistry</i> , 2006, 591, 223-228.	1.9	37
160	Benzimidazole-based anion receptors: tautomeric switching and selectivity. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5909.	1.5	37
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