

# Jeremy K M Sanders

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

330  
papers

25,059  
citations

74  
h-index

148  
g-index

380  
ext. papers

26,295  
ext. citations

9  
avg, IF

6.98  
L-index

#	Paper	IF	Citations
330	Changing the game of time resolved X-ray diffraction on the mechanochemistry playground by downsizing. <i>Nature Communications</i> , <b>2021</b> , 12, 6134	17.4	11
329	Understanding the unexpected effect of frequency on the kinetics of a covalent reaction under ball-milling conditions. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 1226-1235	2.5	27
328	On the prevalence of smooth polymorphs at the nanoscale: implications for pharmaceuticals. <i>CrystEngComm</i> , <b>2019</b> , 21, 2203-2211	3.3	15
327	Reliable Mechanochemistry: Protocols for Reproducible Outcomes of Neat and Liquid Assisted Ball-mill Grinding Experiments. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	4
326	Editorial for 'New talent' collection: introducing New Talent in chemistry and material science. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 181141	3.3	
325	Understanding the Influence of Surface Solvation and Structure on Polymorph Stability: A Combined Mechanochemical and Theoretical Approach. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17051-17059	16.4	30
324	Reviewers in 2017. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 180228	3.3	78
323	Selective C encapsulation by a robust octameric nanospheroid held together by 48 cooperative hydrogen bonds. <i>Nature Communications</i> , <b>2017</b> , 8, 15109	17.4	24
322	Dudley Howard Williams. 25 May 1937 B November 2010. <i>Biographical Memoirs of Fellows of the Royal Society</i> , <b>2017</b> , 63, 567-583	0.1	
321	Solvation and surface effects on polymorph stabilities at the nanoscale. <i>Chemical Science</i> , <b>2016</b> , 7, 6617-6627	9.4	94
320	From Lanthanide Shift Reagents to Molecular Knots <b>2016</b> , 288-308		
319	Editorial January 2016. <i>Royal Society Open Science</i> , <b>2016</b> , 3, 150712	3.3	0
318	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand ZnL cages. <i>Chemical Science</i> , <b>2016</b> , 7, 2614-2620	9.4	59
317	Molecular motion of donor-acceptor catenanes in water. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 2927-30	3.9	15
316	Guest-Induced Transformation of a Porphyrin-Edged Fe(II)4L6 Capsule into a Cu(I)Fe(II)2L4 Fullerene Receptor. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4060-4064	3.6	23
315	Guest-induced transformation of a porphyrin-edged Fe(II)4L6 capsule into a Cu(I)Fe(II)2L4 fullerene receptor. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 3988-92	16.4	87
314	Disulfide exchange: exposing supramolecular reactivity through dynamic covalent chemistry. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 1861-72	58.5	242

313	Direct observation of intermediates in a thermodynamically controlled solid-state dynamic covalent reaction. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16156-66	16.4	40
312	Homochiral and meso figure eight knots and a Solomon link. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8243-51	16.4	114
311	Diverse topologies in dynamic combinatorial libraries from tri- and mono-thiols in water: sensitivity to weak supramolecular interactions. <i>Chemical Communications</i> , <b>2013</b> , 49, 5820-2	5.8	31
310	Generation of a dynamic system of three-dimensional tetrahedral polycatenanes. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5749-52	16.4	113
309	Generation of a Dynamic System of Three-Dimensional Tetrahedral Polycatenanes. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 5861-5864	3.6	32
308	Interactions Between Amino Acid-Tagged Naphthalenediimide and Single Walled Carbon Nanotubes for the Design and Construction of New Bioimaging Probes. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 503-518	15.6	45
307	Templated dynamic synthesis of a [3]catenane. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 14436-4	16.4	99
306	Discovery of an organic trefoil knot. <i>Science</i> , <b>2012</b> , 338, 783-5	33.3	245
305	Dynamic combinatorial libraries for the recognition of heavy metal ions. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 60-6	3.9	34
304	Evolution of dynamic combinatorial chemistry. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 2211-21	24.3	235
303	Metal induced folding: synthesis and conformational analysis of the lanthanide complexes of two 44-membered hydrazone macrocycles. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3780-6	4.3	19
302	Thermodynamics of supramolecular naphthalenediimide nanotube formation: the influence of solvents, side chains, and guest templates. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 566-73	16.4	103
301	Structural parameters governing the dynamic combinatorial synthesis of catenanes in water. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19129-35	16.4	60
300	Template-directed synthesis of multi-component organic cages in water. <i>Chemical Science</i> , <b>2012</b> , 3, 2326-9.4	6.4	60
299	Templated Dynamic Synthesis of a [3]Catenane. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1472-1476	3.6	34
298	Supramolecular naphthalenediimide nanotubes. <i>Topics in Current Chemistry</i> , <b>2012</b> , 322, 217-60		17
297	A remarkably flexible and selective receptor for Ba <sup>2+</sup> amplified from a hydrazone dynamic combinatorial library. <i>Chemical Communications</i> , <b>2011</b> , 47, 3371-3	5.8	37
296	Complexes of aryl-substituted porphyrins and naphthalenediimide (NDI): investigations by synchrotron X-ray diffraction and NMR spectroscopy. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10833-42	4.3	20

295	Exploring the formation pathways of donor-acceptor catenanes in aqueous dynamic combinatorial libraries. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3198-207	16.4	115
294	From static to dynamic: escaping kinetic traps in hydrazone-based dynamic combinatorial libraries. <i>Chemical Communications</i> , <b>2011</b> , 47, 7359-61	5.8	36
293	Discovery of linear receptors for multiple dihydrogen phosphate ions using dynamic combinatorial chemistry. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3804-7	16.4	86
292	Solid-state dynamic combinatorial chemistry: reversibility and thermodynamic product selection in covalent mechanosynthesis. <i>Chemical Science</i> , <b>2011</b> , 2, 696	9.4	129
291	Supramolecular chemistry of monochiral naphthalenediimides. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 7547-53	3.9	20
290	Ferrocene-amino acid macrocycles as hydrazone-based receptors for anions. <i>Chemical Science</i> , <b>2011</b> , 2, 1560	9.4	52
289	Proton-Driven Switching Between Receptors for C60 and C70. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 5843-5846	5.6	10
288	Proton-driven switching between receptors for C60 and C70. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5725-8	16.4	38
287	A fully self-assembled non-symmetric triad for photoinduced charge separation. <i>Chemical Science</i> , <b>2011</b> , 2, 676-685	9.4	46
286	Ruthenium(II) and rhodium(III) porphyrin phosphine complexes: influence of substitution pattern on structure and electronic properties. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 2691	3.6	9
285	Dynamic combinatorial donor-acceptor catenanes in water: access to unconventional and unexpected structures. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 1257-68	4.2	42
284	New host-guest chemistry of supramolecular nanotubes. <i>Faraday Discussions</i> , <b>2010</b> , 145, 205-218	3.6	17
283	Chemistry. Harmony of the self-assembled spheres. <i>Science</i> , <b>2010</b> , 328, 1115-6	33.3	2
282	The sergeants-and-soldiers effect: chiral amplification in naphthalenediimide nanotubes. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 4274-80	3.9	47
281	Dynamic combinatorial chemistry with hydrazones: libraries incorporating heterocyclic and steroidal motifs. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 1181-7	3.9	31
280	Dynamic combinatorial chemistry with hydrazones: cholate-based building blocks and libraries. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 1173-80	3.9	17
279	Exploiting donor-acceptor interactions in aqueous dynamic combinatorial libraries: exploratory studies of simple systems. <i>Chemical Science</i> , <b>2010</b> , 1, 567	9.4	68
278	Dynamic Combinatorial Approaches to Catenanes <b>2010</b> , 147-149		

277	Ion pairs and C(60): simultaneous guests in supramolecular nanotubes. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 81-4	4.8	26
276	A water soluble donor-acceptor [2]catenane that can switch between a coplanar and a Gemini-sign conformation. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5331-4	16.4	74
275	Dynamic combinatorial chemistry at the phospholipid bilayer interface. <i>Journal of Systems Chemistry</i> , <b>2010</b> , 1, 12		26
274	Molecular recognition and self-assembly special feature: Dynamic combinatorial synthesis of a catenane based on donor-acceptor interactions in water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 10466-70	11.5	128
273	Amplifying different [2]catenanes in an aqueous donor-acceptor dynamic combinatorial library. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16030-2	16.4	77
272	Two-phase dynamic combinatorial discovery of a spermine transporter. <i>Chemical Communications</i> , <b>2009</b> , 3708-10	5.8	42
271	Templated amplification of a naphthalenediimide-based receptor from a donor-acceptor dynamic combinatorial library in water. <i>Chemical Communications</i> , <b>2009</b> , 419-21	5.8	56
270	Electronic structure and circular dichroism spectroscopy of naphthalenediimide nanotubes. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 6060-5	3.6	31
269	Deprotection, tethering, and activation of a catalytically active metalloporphyrin to a chemically active metal surface: [SAC](4)P-Mn(III)Cl on Ag(100). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 1910-4	16.4	30
268	Deprotection, tethering, and activation of a one-legged metalloporphyrin on a chemically active metal surface: NEXAFS, synchrotron XPS, and STM study of [SAC]P-Mn(III)Cl on Ag(100). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14913-9	16.4	20
267	Crown-ether- and porphyrin-attached gel-phase resins in thermodynamically controlled rotaxane assembly. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 293-303	3.9	21
266	Interactions between tripodal porphyrin hosts and single walled carbon nanotubes: an experimental and theoretical (DFT) account. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 2781		16
265	Phase-transfer dynamic combinatorial chemistry. <i>Chemical Communications</i> , <b>2008</b> , 1738-40	5.8	27
264	Coordination polymers based on aluminum(III) porphyrins. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8721-6	5.1	29
263	Monitoring the thermodynamically-controlled formation of diimide-based resin-attached rotaxanes by gel-phase HR MAS 1H NMR spectroscopy. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 278-86	3.9	25
262	A self-assembled aluminium(III) porphyrin cyclic trimer. <i>Dalton Transactions</i> , <b>2008</b> , 588-90	4.3	23
261	Inhibition of dicing of guanosine-rich shRNAs by quadruplex-binding compounds. <i>ChemBioChem</i> , <b>2008</b> , 9, 2722-9	3.8	33
260	Exploring the relation between amplification and binding in dynamic combinatorial libraries of macrocyclic synthetic receptors in water. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2153-66	4.8	82

259	Supramolecular assemblies of tripodal porphyrin hosts and C60. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3035-44	4.8	48
258	Tailored polymer-supported templates in dynamic combinatorial libraries: simultaneous selection, amplification and isolation of synthetic receptors. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9006-19	4.8	22
257	Templated amplification of an unexpected receptor for C70. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2689-92	16.4	38
256	Exploring the differential recognition of DNA G-quadruplex targets by small molecules using dynamic combinatorial chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2677-80	16.4	89
255	Molecular amplification of two different receptors using diastereomeric templates. <i>Chemical Communications</i> , <b>2007</b> , 3092-3	5.8	36
254	Filling helical nanotubes with C60. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2238-40	16.4	133
253	Ligand-driven G-quadruplex conformational switching by using an unusual mode of interaction. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5405-7	16.4	108
252	Host-guest binding constants can be estimated directly from the product distributions of dynamic combinatorial libraries. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5762-4	16.4	51
251	Systems chemistry: pattern formation in random dynamic combinatorial libraries. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8858-61	16.4	61
250	Hydrogen-bonded helical organic nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 194-7	16.4	195
249	Dynamic combinatorial libraries of hydrazone-linked pseudo-peptides: dependence of diversity on building block structure and chirality. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 778-86	3.9	38
248	Structures and solution dynamics of pseudorotaxanes mediated by alkali-metal cations. <i>Dalton Transactions</i> , <b>2007</b> , 3874-84	4.3	29
247	Direct observation of surface-mediated thioacetyl deprotection: covalent tethering of a thiol-terminated porphyrin to the Ag(100) surface. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 9578-9	16.4	19
246	Tetramethylpyridiniumporphyrazines--a new class of G-quadruplex inducing and stabilising ligands. <i>Chemical Communications</i> , <b>2006</b> , 4685-7	5.8	109
245	Large-scale synthesis of alkyne-linked tripodal porphyrins via palladium-mediated coupling conditions. <i>Chemical Communications</i> , <b>2006</b> , 1085-7	5.8	28
244	Efficient and mild microwave-assisted stepwise functionalization of naphthalenediimide with alpha-amino acids. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 7063-6	4.2	59
243	Synthesis and G-quadruplex binding studies of new 4-N-methylpyridinium porphyrins. <i>Organic and Biomolecular Chemistry</i> , <b>2006</b> , 4, 3337-42	3.9	50
242	Gel-phase HR-MAS 1H NMR spectroscopy as a probe for solid-tethered diimide rotaxanes and catenanes. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 861	3.6	25

241	Aluminium(III) porphyrins as supramolecular building blocks. <i>Chemical Communications</i> , <b>2006</b> , 3087-9	5.8	47
240	Dynamic combinatorial chemistry. <i>Chemical Reviews</i> , <b>2006</b> , 106, 3652-711	68.1	1538
239	Cation-reinforced donor-acceptor pseudorotaxanes. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 80	3.6	45
238	A catalyst for an acetal hydrolysis reaction from a dynamic combinatorial library. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1001	3.6	54
237	Inclusion of C60 into an adjustable porphyrin dimer generated by dynamic disulfide chemistry. <i>Chemical Communications</i> , <b>2005</b> , 1276-8	5.8	59
236	Expanding diversity in dynamic combinatorial libraries: simultaneous exchange of disulfide and thioester linkages. <i>Chemical Communications</i> , <b>2005</b> , 1959-61	5.8	81
235	Diastereoselective amplification of an induced-fit receptor from a dynamic combinatorial library. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 8902-3	16.4	111
234	Competition between receptors in dynamic combinatorial libraries: amplification of the fittest?. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9390-2	16.4	106
233	Self-assembly, binding, and dynamic properties of heterodimeric porphyrin macrocycles. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 6616-22	4.2	37
232	Dynamic synthesis of a macrocycle containing a porphyrin and an electron donor. <i>Chemical Communications</i> , <b>2005</b> , 1842-4	5.8	24
231	Amplification of acetylcholine-binding catenanes from dynamic combinatorial libraries. <i>Science</i> , <b>2005</b> , 308, 667-9	33.3	260
230	Supramolecular Libraries <b>2004</b> , 1427-1433		1
229	Self-assembly using dynamic combinatorial chemistry. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2004</b> , 362, 1239-45	3	12
228	Lithium-templated synthesis of a donor-acceptor pseudorotaxane and catenane. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1959-62	16.4	150
227	Lithium-Templated Synthesis of a Donor-Acceptor Pseudorotaxane and Catenane. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 1993-1996	3.6	54
226	Correlation between host-guest binding and host amplification in simulated dynamic combinatorial libraries. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 3139-43	4.8	100
225	Controllable donor-acceptor neutral [2]rotaxanes. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6375-92	4.8	173
224	Switchable neutral bistable rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 9884-5	16.4	210

223	What are the limits to the size of effective dynamic combinatorial libraries?. <i>Organic Letters</i> , <b>2004</b> , 6, 1825-7	6.2	62
222	Ru(II) and Rh(III) porphyrin complexes of primary phosphine-substituted porphyrins. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 1066	3.6	19
221	Liquid phase deposition of supramolecular monolayers of zinc porphyrin molecules on graphite. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S3127-S3138	1.8	10
220	Selection and Amplification of a Catalyst from a Dynamic Combinatorial Library. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1308-1311	3.6	33
219	Synthesis and characterization of carboxylate complexes of Sn(IV) porphyrin monomers and oligomers. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 5211-22	4.8	36
218	Selection and amplification of mixed-metal porphyrin cages from dynamic combinatorial libraries. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 6039-48	4.8	67
217	Selection and amplification of a catalyst from a dynamic combinatorial library. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1270-3	16.4	135
216	Synchrotron X-ray study of [5,15-diphenyl-2,8,12,18-tetra-n-hexyl-3,7,13,17-tetramethylporphyrinato]nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, m818-m820		1
215	Metal-ion induced amplification of three receptors from dynamic combinatorial libraries of peptide-hydrazones. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 1625-33	3.9	67
214	Complexation of diphenyl(phenylacetylenyl)phosphine to rhodium(III) tetraphenyl porphyrins: synthesis and structural, spectroscopic, and thermodynamic studies. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3086-96	5.1	26
213	Supramolecular Monolayers of Zinc Porphyrin Trimers on Graphite. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 209-216	3.4	27
212	Construction of multiporphyrin arrays using ruthenium and rhodium coordination to phosphines. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6564-74	5.1	40
211	Dynamic combinatorial libraries of metalloporphyrins: templated amplification of disulfide-linked oligomers. <i>Chemical Communications</i> , <b>2003</b> , 2674-5	5.8	70
210	A self-assembling polymer-bound rotaxane under thermodynamic control. <i>Chemical Communications</i> , <b>2003</b> , 1396-7	5.8	40
209	Dynamic combinatorial chemistry. <i>Drug Discovery Today</i> , <b>2002</b> , 7, 117-25	8.8	61
208	Dynamic combinatorial chemistry. <i>Drug Discovery Today</i> , <b>2002</b> , 7, 117-125	8.8	97
207	Dynamische kovalente Chemie. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 938-993	3.6	456
206	Dynamic covalent chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 898-952	16.4	1903



205	Dynamic Covalent Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1460-1460	16.4	58
204	Recent developments in dynamic combinatorial chemistry. <i>Current Opinion in Chemical Biology</i> , <b>2002</b> , 6, 321-7	9.7	109
203	Molecular amplification in a dynamic system by ammonium cations. <i>Tetrahedron</i> , <b>2002</b> , 58, 771-778	2.4	44
202	Supramolecular templating in thermodynamically controlled synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 4801-4	11.5	116
201	Phosphine and phosphonite complexes of a ruthenium(II) porphyrin. 1. Synthesis, structure, and solution state studies. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5255-68	5.1	33
200	Phosphine and phosphonite complexes of a Ru(II) porphyrin. 2. Photophysical and electrochemical studies. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5269-75	5.1	24
199	Selection and amplification of hosts from dynamic combinatorial libraries of macrocyclic disulfides. <i>Science</i> , <b>2002</b> , 297, 590-3	33.3	312
198	Amplification of a cyclic mixed-metalloporphyrin tetramer from a dynamic combinatorial library through orthogonal metal coordination. <i>Chemical Communications</i> , <b>2002</b> , 524-5	5.8	39
197	Molecular Conformation and Intermolecular Interactions in the Crystal Structures of Free-Base 5,15-Diarylporphyrins. <i>Crystal Growth and Design</i> , <b>2002</b> , 2, 27-39	3.5	27
196	Simultaneous selection, amplification and isolation of a pseudo-peptide receptor by an immobilised N-methyl ammonium ion template. <i>Chemical Communications</i> , <b>2002</b> , 938-9	5.8	33
195	Identification and Isolation of a Receptor for N-Methyl Alkylammonium Salts: Molecular Amplification in a Pseudo-peptide Dynamic Combinatorial Library. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 437-442	3.6	24
194	Gel-Phase MAS NMR Spectroscopy of a Polymer-Supported Pseudorotaxane and Rotaxane: Receptor Binding to an [tert]Polyethylene Glycol Spacer. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 1807-1810	3.6	7
193	Identification and Isolation of a Receptor for N-Methyl Alkylammonium Salts: Molecular Amplification in a Pseudo-peptide Dynamic Combinatorial Library. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 423-428	16.4	90
192	Gel-Phase MAS NMR Spectroscopy of a Polymer-Supported Pseudorotaxane and Rotaxane: Receptor Binding to an [tert]Polyethylene Glycol Spacer. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1757-1760	16.4	17
191	Enthalpic and entropic contributions to the enhanced binding of pyridine ligands by cyclic metalloporphyrin hosts. <i>Perkin Transactions II RSC</i> , <b>2001</b> , 2189-2194		6
190	Coordination chemistry of Rh(III) porphyrins: complexes with hydrazine, disulfide, and diselenide bridging ligands. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 3217-21	5.1	18
189	A supramolecular array assembled via the complementary binding properties of ruthenium(II) and tin(IV) porphyrins. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 797-800	3.6	54
188	Thermodynamically self-assembling porphyrin-stoppered rotaxanes. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 166-173	3.6	85

187	Matrix assisted laser desorption/ionisation (MALDI)-TOF mass spectrometry of supramolecular metalloporphyrin assemblies: a survey. <i>Dalton Transactions RSC</i> , <b>2001</b> , 604-613		27
186	A strategy for the assembly of multiple porphyrin arrays based on the coordination chemistry of Ru-centered porphyrin pentamers. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 4476-86	4.2	55
185	A new cyclic pseudopeptide receptor for Li <sup>+</sup> from a dynamic combinatorial library. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 8876-7	16.4	89
184	Rh(III) porphyrins as building blocks for porphyrin coordination arrays: from dimers to heterometallic undecamers. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 2486-99	5.1	65
183	Identification and Isolation of a Receptor for N-Methyl Alkylammonium Salts: Molecular Amplification in a Pseudo-peptide Dynamic Combinatorial Library This work was supported by the Biotechnology and Biological Sciences Research Council (UK), Engineering and Physical Sciences Research Council (UK), Ethyl Corporation (UK), and Fundacion Antorchas and Consejo Nacional de	16.4	6
182	Photophysical and electrochemical characterisation of the interactions between components in a neutral pi-associated. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 608-17	4.8	81
181	Hydrogen-bonding clusters leading to formation of supramolecular dimers of metalloporphyrin receptors: modulation of Lewis acidity by pi-pi interactions. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 2112-9	4.8	25
180	Macrolactone-based dynamic combinatorial libraries of cholate monomers bearing recognition functionality. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 10171-10174	2	8
179	Molecular evolution: dynamic combinatorial libraries, autocatalytic networks and the quest for molecular function. <i>Current Opinion in Chemical Biology</i> , <b>2000</b> , 4, 270-9	9.7	140
178	Adventures in molecular recognition. The ins and outs of templating. <i>Pure and Applied Chemistry</i> , <b>2000</b> , 72, 2265-2274	2.1	62
177	Phosphine-substituted porphyrins as supramolecular building blocks. <i>New Journal of Chemistry</i> , <b>2000</b> , 24, 261-264	3.6	33
176	Molecular amplification in a dynamic combinatorial library using non-covalent interactions. <i>Chemical Communications</i> , <b>2000</b> , 1761-1762	5.8	46
175	Macrocyclization and molecular interlocking via Mitsunobu alkylation: highlighting the role of C-H...O interactions in templating. <i>Organic Letters</i> , <b>2000</b> , 2, 449-52	6.2	110
174	Synthesis under reversible conditions of cyclic porphyrin dimers using palladium-catalysed allyl transesterification. <i>Chemical Communications</i> , <b>2000</b> , 1763-1764	5.8	19
173	Structure-activity relationships in the acceleration of a hetero Diels-Alder reaction by metalloporphyrin hosts. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7266-71	4.2	30
172	Product-Induced Distortion of a Metalloporphyrin Host: Implications for Acceleration of Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 5286-5293	16.4	59
171	Synthesis and recognition properties of a ruthenium(II)-bis(zinc) cyclic porphyrin trimer. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5912-9	5.1	31
170	A tin(IV)-ruthenium(II)-tin(IV) cyclic porphyrin trimer with replaceable chiral linings. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5920-9	5.1	21

169	Dynamic Combinatorial Libraries of Macrocyclic Disulfides in Water. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 12063-12064	16.4	220
168	The effect of varying substituents on the equilibrium distribution and conformation of macrocyclic steroidal N-acyl hydrazones. <i>Organic Letters</i> , <b>2000</b> , 2, 1435-8	6.2	17
167	RTM-Bilder einzelner Porphyrinmoleküle auf Cu(100)- und Cu(111)-Oberflächen. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2949-2953	3.6	11
166	STM Images of Individual Porphyrin Molecules on Cu(100) and Cu(111) Surfaces. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 2780-2783	16.4	29
165	Synthesis and post-assembly modification of some functionalised, neutral $\pi$ -associated [2]catenanes. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 897-903	3.6	35
164	Synthesis of macrocycles and an unusually asymmetric [2]catenane via templated acetylenic couplings. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1999</b> , 1057-1066		41
163	Ru(II)-centred porphyrin pentamers as coordination building blocks for large porphyrin arrays. <i>Chemical Communications</i> , <b>1999</b> , 1085-1086	5.8	27
162	A combined covalent and coordination approach to dendritic multiporphyrin arrays based on ruthenium(II) porphyrins. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 359-364	3.6	46
161	A versatile synthetic strategy for construction of large oligomers: binding and photophysical properties of a nine-porphyrin array. <i>Chemical Communications</i> , <b>1999</b> , 1083-1084	5.8	30
160	Assembly of Dynamic Heterometallic Oligoporphyrins Using Cooperative Zinc-Nitrogen, Ruthenium-Nitrogen, and Tin-Oxygen Coordination. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8120-8121	16.4	70
159	Synthesis, Structure, and Modeling of a Cyclic Rhodium(III) Porphyrin Dimer with an Encapsulated 4,4'-Bipyridine Ligand. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 5178-5183	5.1	30
158	Sn(IV) Porphyrins as NMR Shift Reagents and Supramolecular Protecting Groups: Preparation of a Carboxylate-Catenane Porphyrin Complex. <i>Organic Letters</i> , <b>1999</b> , 1, 1343-1346	6.2	22
157	Thin-Film Characterization of Neutral $\pi$ -Associated Assemblies Incorporating Putative Pseudo-Rotaxanes. <i>Langmuir</i> , <b>1999</b> , 15, 5600-5605	4	5
156	Effects of Shape on Thermodynamic Cyclizations of Cinchona Alkaloids. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 5804-5814	4.2	37
155	Dynamic combinatorial libraries of pseudo-peptide hydrazone macrocycles. <i>Chemical Communications</i> , <b>1999</b> , 1575-1576	5.8	92
154	Supramolecular Catalysis in Transition <b>1999</b> , 273-286		2
153	NMR Studies of Molecular Recognition by Metalloporphyrins <b>1999</b> , 37-44		
152	Metalloporphyrin-Dendrimere mit verschrämbaren Armen. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 3169-3172	3.6	16

151	Metalloporphyrin Oligomers with Collapsible Cavities: Characterisation and Recognition Properties of Individual Atropisomers. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 335-343	4.8	45
150	Synthesis, Structure and Photophysics of Neutral $\pi$ -Associated [2]Catenanes. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 608-620	4.8	189
149	Supramolecular Catalysis in Transition. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 1378-1383	4.8	216
148	Metalloporphyrin Dendrimers with Folding Arms. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 3020-3023	16.4	93
147	Generation and screening of synthetic receptor libraries. <i>Current Opinion in Chemical Biology</i> , <b>1998</b> , 2, 417-21	9.7	30
146	Engineering diversity into dynamic combinatorial libraries by use of a small flexible building block. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 1015-1018	3.6	27
145	Mixed cyclic trimers of porphyrins and dioxoporphyrins: geometry vs. electronics in ligand recognition. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 1135-1138	3.6	33
144	Electrospray mass spectrometry and supramolecular complexes: quantifying the metal ion binding properties of cholic acid derivatives. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 411-418	3.6	25
143	Acceleration of a hetero-Diels-Alder reaction by cyclic metalloporphyrin trimers. <i>Chemical Communications</i> , <b>1998</b> , 2265-2266	5.8	53
142	Carboxylate and carboxylic acid recognition by tin(IV) porphyrins. <i>Chemical Communications</i> , <b>1998</b> , 661-662	5.8	43
141	$^{13}\text{C}$ CPMAS NMR spectroscopy as a probe for porphyrin-porphyrin and host-guest interactions in the solid state. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1998</b> , 715-724		9
140	$\text{Co}_2(\text{CO})_6$ -induced deformation of alkynes as a reversible modulator of supramolecular interactions: controlling the synthesis of catenanes. <i>Chemical Communications</i> , <b>1998</b> , 1749-1749	5.8	12
139	Gel phase MAS $^1\text{H}$ NMR as a probe for supramolecular interactions at the solid-liquid interface. <i>Chemical Communications</i> , <b>1998</b> , 2267-2268	5.8	18
138	Reversible five-component assembly of a [2]catenane from a chiral metallomacrocyclic and a dinaphtho-crown ether. <i>Chemical Communications</i> , <b>1998</b> , 723-724	5.8	73
137	Reversing the stereochemistry of a Diels-Alder reaction: use of metalloporphyrin oligomers to control transition state stability. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 493-502	3.6	47
136	Tandem Hetero-Catenation: Templating and Self-Assembly in the Mutual Closure of Two Different Interlocking Rings. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1096-1097	16.4	77
135	Macrocycles Derived from Cinchona Alkaloids: A Thermodynamic vs Kinetic Study. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 1536-1546	4.2	58
134	High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 6309-6318	4.2	91

133	Reversible synthesis of $\beta$ -associated [2]catenanes by ring-closing metathesis: towards dynamic combinatorial libraries of catenanes. <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 1019-1021	3.6	89
132	N-Alkylation of Pyromellitic Diimide: Solid-State Structure of the 1 : 1 N,N'-Diethylpyromellitic Diimide/2,6-Dimethoxynaphthalene Cocrystal. <i>Australian Journal of Chemistry</i> , <b>1998</b> , 51, 441	1.2	9
131	Stereocontrol and Rate Enhancement of a Diels Alder Reaction Within an Unsymmetrical Porphyrin Host <b>1998</b> , 535-538		
130	Selectivity in Thermodynamic Cyclisations of Cinchona Alkaloid Derivatives <b>1998</b> , 483-486		
129	Synthesis, Structure and Photophysics of Neutral $\beta$ -Associated [2]Catenanes <b>1998</b> , 4, 608		1
128	Supramolecular Catalysis in Transition <b>1998</b> , 4, 1378		3
127	Metalloporphyrin Dendrimers with Folding Arms <b>1998</b> , 37, 3020		2
126	Thermodynamically-controlled cyclisation and interconversion of oligocholates: metal ion templated $\beta$ -living $\beta$ -macrolactonisation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1997</b> , 3237-3254		67
125	Stereospecific templated synthesis of a triruthenium butadiyne-linked cyclic porphyrin trimer. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 985-990		15
124	Selection approaches to catalytic systems. <i>Chemical Society Reviews</i> , <b>1997</b> , 26, 327	58.5	112
123	Building thermodynamic combinatorial libraries of quininemacrocycles. <i>Chemical Communications</i> , <b>1997</b> , 1407-1408	5.8	28
122	Neutral [2]catenanes from oxidative coupling of $\beta$ -stacked components. <i>Chemical Communications</i> , <b>1997</b> , 897-898	5.8	85
121	Ethyne-Linked Cyclic Porphyrin Oligomers: Synthesis and Binding Properties. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 240-241	4.2	36
120	Automated Recognition, Sorting, and Covalent Self-Assembly by Predisposed Building Blocks in a Mixture. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 2578-2579	16.4	136
119	Stepwise Approach to Bimetallic Porphyrin Hosts: Spatially Enforced Coordination of a Nickel(II) Porphyrin. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 6117-6126	5.1	32
118	Enzyme models: design and selection. <i>Current Opinion in Chemical Biology</i> , <b>1997</b> , 1, 483-90	9.7	23
117	$\beta$ -living $\beta$ -macrolactonisation: thermodynamically-controlled cyclisation and interconversion of oligocholates. <i>Chemical Communications</i> , <b>1996</b> , 319-320	5.8	105
116	Strukturgerichtete Synthese unter thermodynamischer Kontrolle: makrocyclische Trimere aus China-Alkaloiden. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 2283-2285	3.6	18

115	Structure-Directed Synthesis under Thermodynamic Control: Macrocyclic Trimers from Cinchona Alkaloids. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 2143-2145		56
114	Synthesis and kinetic cyclisation of quinine-derived oligomers. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 6013-6016	2	20
113	Can Enzyme Mimics Compete with Catalytic Antibodies? <b>1996</b> , 419-428		
112	NMR study of whole rat bile: the biliary excretion of cefoperazone and benzyl chloride by an isolated perfused rat liver. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1995</b> , 13, 723-34	3.5	5
111	NMR study of whole rat bile: the biliary excretion of 4-cyano-N,N-dimethyl aniline by an isolated perfused rat liver and a liver in situ. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1995</b> , 13, 735-45	3.5	3
110	Modelling the influence of porphyrin supermacrocycles on the kinetics of bimolecular reactions. <i>Tetrahedron</i> , <b>1995</b> , 51, 513-526	2.4	11
109	Biomimetic, amorphous granules of polyhydroxyalkanoates: composition, mobility, and stabilization in vitro by proteins. <i>Canadian Journal of Microbiology</i> , <b>1995</b> , 41, 115-123	3.2	23
108	Polyol Recognition by a Steroid-Capped Porphyrin. Enhancement and Modulation of Misfit Guest Binding by Added Water or Methanol. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 259-271	16.4	192
107	Dioxoporphyrins as Supramolecular Building Blocks: Oligomer Synthesis via Preassembly on a Ligand Template. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 6611-6612	16.4	76
106	Template-directed synthesis of linear and cyclic butadiyne-linked porphyrin oligomers up to a linear octamer. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 2247		35
105	Enzyme mimics based on cyclic porphyrin oligomers: strategy, design and exploratory synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 2223		46
104	Octatetrayne-linked porphyrins: stretched cyclic dimers and trimers with very spacious cavities. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 2275-2279		39
103	Synthesis of cyclocholeate-capped porphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 3085		25
102	A platinum-linked porphyrin trimer and a complementary aluminium tris[3-(4-pyridyl)acetylacetonate] guest. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 2269		40
101	Ligand binding by butadiyne-linked porphyrin dimers, trimers and tetramers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1995</b> , 2231		127
100	Das Gibbs-Energie-Profil einer Wirt-beschleunigten Diels-Alder-Reaktion: die Gründe für die exo-Selektivität. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 223-225	3.6	15
99	Selbstassoziation und Struktur einer photoaktiven Anordnung von fünf Porphyrinen. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 1196-1200	3.6	33
98	Assembly and Crystal Structure of a Photoactive Array of Five Porphyrins. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 1096-1099		136

97	Crystal Structure of a Supramolecular Dimer Formed by $\pi$ - $\pi$ Interactions between Two Interlocked Cyclic Zinc Porphyrin Trimers. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 429-431		44
96	Kristallstruktur eines durch $\pi$ - $\pi$ Wechselwirkungen zwischen zwei ineinandergehakten cyclischen Zinkporphyrin-Trimeren gebildeten supramolekularen Dimers. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 445-447	3.6	17
95	Phase separation within artificial granules from a blend of polyhydroxybutyrate and polyhydroxyoctanoate: biological implications. <i>Polymer</i> , <b>1994</b> , 35, 5079-5083	3.9	18
94	Amorphous, biomimetic granules of polyhydroxybutyrate: preparation, characterization, and biological implications. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 2695-2702	16.4	94
93	Nuclear magnetic resonance relaxation studies of poly(hydroxybutyrate) in whole cells and in artificial granules. <i>International Journal of Biological Macromolecules</i> , <b>1994</b> , 16, 59-63	7.9	9
92	A convergent approach to unsymmetrical porphyrin oligomers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 2657-2658		15
91	Catalytic Acyl Transfer by a Cyclic Porphyrin Trimer: Efficient Turnover without Product Inhibition. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 3141-3142	16.4	133
90	Towards synthetic enzymes based on porphyrins and steroids. <i>Pure and Applied Chemistry</i> , <b>1994</b> , 66, 803-810	8.10	50
89	Enzyme mimics. <i>Journal of Chemical Sciences</i> , <b>1994</b> , 106, 983-988	1.8	4
88	Expanding roles for templates in synthesis. <i>Accounts of Chemical Research</i> , <b>1993</b> , 26, 469-475	24.3	584
87	NMR of nature's plastics and spiders' webs: chemistry, physics, or biology?. <i>Chemical Society Reviews</i> , <b>1993</b> , 22, 1	58.5	14
86	Morphine recognition by a porphyrin-cyclocholesterol molecular bowl. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 456-458		43
85	Concise synthesis of a porphyrin-cyclocholesterol molecular bowl. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1993</b> , 1377-1378		14
84	exo-Selective acceleration of an intermolecular Diels-Alder reaction by a trimeric porphyrin host. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 458-460		77
83	Self-associating cyclocholates. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 1677-1680	2	39
82	Amorphous polymer granules. <i>Nature</i> , <b>1993</b> , 363, 23-23	50.4	23
81	Male antifertility compounds from <i>Tripterygium wilfordii</i> Hook f. <i>Contraception</i> , <b>1993</b> , 47, 387-400	2.5	67
80	Recognition of giant cluster anions by a protonated porphyrin trimer: detection by fast-atom bombardment (FAB) mass spectrometry. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 946		21

79	A platinum-linked cyclic porphyrin trimer. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 43		35
78	Plasticization of poly(hydroxybutyrate) in vivo. <i>International Journal of Biological Macromolecules</i> , <b>1992</b> , 14, 50-6	7.9	47
77	Cyclocholates: Synthesis and Ion Binding. <i>Tetrahedron Letters</i> , <b>1992</b> , 33, 2071-2074	2	39
76	Towards Synthetic Enzymes Based on Porphyrins and Steroids <b>1992</b> , 359-374		4
75	Poly(hydroxybutyrate) in vivo: NMR and x-ray characterization of the elastomeric state. <i>Macromolecules</i> , <b>1991</b> , 24, 4583-4588	5.5	46
74	Synthesis, binding properties and self-functionalization of a steroid-capped porphyrin. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1991</b> , 574		40
73	The nature of .pi.-.pi. interactions. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 5525-5534	16.4	4379
72	A reverse approach to <sup>1</sup> H-n.m.r. assignments of bacterial polysaccharides. <i>Carbohydrate Research</i> , <b>1990</b> , 208, 15-21	2.9	1
71	Amine-Template-Directed Synthesis of Cyclic Porphyrin Oligomers. <i>Angewandte Chemie International Edition in English</i> , <b>1990</b> , 29, 1400-1403		115
70	Investigation of porphyrins and metalloporphyrins by fast atom bombardment mass spectrometry. <i>Analytica Chimica Acta</i> , <b>1990</b> , 241, 281-287	6.6	10
69	Stereochemistry of (R)-Erythromycin. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1990</b> , 409-411		14
68	Thermodynamics of induced-fit binding inside polymacrocyclic porphyrin hosts. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 5780-5789	16.4	159
67	New procedures for selectively protected cholic acid derivatives. Regioselective protection of the 12 $\beta$ -OH group, and t-butyl esterification of the carboxyl group. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1990</b> , 2245-2250		25
66	Dabco-metalloporphyrin binding: ternary complexes, host-guest chemistry and the measurement of .pi.-.pi. interactions. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 5773-5780	16.4	244
65	Exciton coupling in porphyrin dimers. <i>Chemical Physics</i> , <b>1989</b> , 133, 395-404	2.3	104
64	A clerodane diterpene and other constituents of <i>Croton megalocarpus</i> . <i>Phytochemistry</i> , <b>1989</b> , 28, 2759-2761		11
63	Biosynthetic studies using carbon-13-COSY: the <i>Klebsiella</i> K3 serotype polysaccharide. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 5132-5137	16.4	21
62	Assembly of a photoactive supramolecule using porphyrin co-ordination chemistry. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 226		38



61	A new approach to the assembly of electron donor-spacer-acceptor systems. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 1765-1767		50
60	Assignment of the <sup>13</sup> C N.M.R. spectrum of the Klebsiella K3 serotype polysaccharide by COSY spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 167		7
59	Allosteric ligand binding to cofacial metalloporphyrin dimers: the mechanism of porphyrin disaggregation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1989</b> , 547		41
58	Synthesis of a cyclic porphyrin trimer with a semi-rigid cavity. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 1714		56
57	The Poly-β-Hydroxybutyrate Granule in vivo. <i>Journal of Biological Chemistry</i> , <b>1989</b> , 264, 3286-3291	5.4	119
56	Practicalities and applications of reverse heteronuclear shift correlation: Porphyrin and polysaccharide examples. <i>Magnetic Resonance in Chemistry</i> , <b>1988</b> , 26, 867-875	2.1	24
55	Isotope effects on proton chemical shifts and coupling constants in the ammonium ions <sup>15</sup> N, <sup>14</sup> NH <sub>4</sub> <sup>+</sup> . <i>Chemical Physics Letters</i> , <b>1988</b> , 143, 471-476	2.5	22
54	Selective observation of native and modified glutathione in intact erythrocytes by spin-echo decoupling difference <sup>1</sup> H NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , <b>1988</b> , 80, 143-148		
53	Geometry of porphyrin-porphyrin interactions. <i>Journal of Organic Chemistry</i> , <b>1988</b> , 53, 733-740	4.2	66
52	Observation of mobile poly(β-hydroxybutyrate) in the storage granules of Methylobacterium AM1 by in vivo <sup>13</sup> C-NMR spectroscopy. <i>FEBS Letters</i> , <b>1988</b> , 231, 16-18	3.8	43
51	Synthesis and conformation of macrocyclic porphyrin dimers with potentially spacious cavities. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 692		10
50	Stereoelectronic effects on anilide conformation. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 1537		3
49	Ligand-induced conformational switching and allosteric effects in macrocyclic porphyrin dimers. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 694		15
48	Formaldehyde adducts of glutathione. Structure elucidation by two-dimensional n.m.r. spectroscopy and fast-atom-bombardment tandem mass spectrometry. <i>Biochemical Journal</i> , <b>1988</b> , 249, 573-9	3.8	36
47	In vivo enzymology: <sup>13</sup> C NMR measurement of a kinetic isotope effect for methanol oxidation in Methylosinus trichosporium OB3b. <i>FEBS Letters</i> , <b>1987</b> , 216, 4-6	3.8	6
46	Modelling the photosynthetic reaction centre: photoinduced electron transfer in a pyromellitimide-bridged special pair porphyrin dimer. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1987</b> , 55-58		42
45	Editing of in vivo <sup>13</sup> C NMR spectra by NOE difference spectroscopy. Separation of trehalose and polysaccharide responses in Methylobacterium extorquens. <i>Journal of Magnetic Resonance</i> , <b>1987</b> , 74, 372-375		
44	Synthesis and electrochemical properties of some metallated and peripherally substituted porphyrin co-facial dimers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1987</b> , 2395		7

43	NMR Spectroscopy in the Study of C1-Metabolism <b>1987</b> , 113-120		1
42	NMR visualization of free asparagine in potato tissue using adduct formation with [13C]formaldehyde. <i>Phytochemistry</i> , <b>1986</b> , 25, 1567-1571	4	12
41	Reductive demetallation of porphyrins: Evidence for peripheral and axial modes of reduction. <i>Tetrahedron Letters</i> , <b>1986</b> , 27, 1201-1204	2	8
40	Formaldehyde metabolism by Escherichia coli. Detection by in vivo 13C NMR spectroscopy of S-(hydroxymethyl)glutathione as a transient intracellular intermediate. <i>Biochemistry</i> , <b>1986</b> , 25, 4504-7	3.2	43
39	Formaldehyde metabolism by Escherichia coli. Carbon and solvent deuterium incorporation into glycerol, 1,2-propanediol, and 1,3-propanediol. <i>Biochemistry</i> , <b>1985</b> , 24, 4148-55	3.2	11
38	A molecular switch for control of conformation: strained intramolecular co-ordination in 4,4'-bipyridyl-capped zinc porphyrins. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1984</b> , 854-856		11
37	Viologen-capped porphyrins as model photosynthetic systems: intra- and intermolecular $\pi$ interactions. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1984</b> , 856-857		12
36	Formaldehyde metabolism by Escherichia coli. In vivo carbon, deuterium, and two-dimensional NMR observations of multiple detoxifying pathways. <i>Biochemistry</i> , <b>1984</b> , 23, 508-14	3.2	38
35	In vivo proton NMR spectroscopy. <i>FEBS Letters</i> , <b>1984</b> , 170, 73-75	3.8	8
34	Diamagnetic relaxation reagents can increase the growth rates and ultimate sizes of nuclear overhauser enhancements. <i>Journal of Magnetic Resonance</i> , <b>1983</b> , 51, 345-347		1
33	Detection of boat conformations in the triterpene friedelin by methyl-to-methyl nuclear overhauser enhancements. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1983</b> , 181		11
32	The conformation of vinblastine in solution as determined by n.O.e. difference spectroscopy. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1983</b> , 657		16
31	Isolation and structure determination of norditerpene dilactones from Podocarpus saligna D. Don. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1982</b> , 2589		10
30	The solution conformation of 17 $\beta$ -acetoxy-6 $\beta$ -methylprogesterone (6 $\beta$ -hydroxyprogesterone acetate): use of circular dichroism, nuclear overhauser effect difference and two-dimensional J spectroscopy. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1982</b> , 105-110		17
29	Quinone-capped porphyrins: n.m.r. studies of static and dynamic stereochemistry and co-ordination properties. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1982</b> , 1617		14
28	Indirect negative nuclear Overhauser effects: Observation and applications. <i>Magnetic Resonance in Chemistry</i> , <b>1982</b> , 18, 122-124		20
27	Nuclear magnetic double resonance; the use of difference spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , <b>1982</b> , 15, 353-400	10.4	235
26	Symmetrization of proton two-dimensional J spectra. <i>Journal of Magnetic Resonance</i> , <b>1982</b> , 50, 171-174		3

25	The suppression of Bloch-Siegert shifts and subtraction artifacts in double-resonance difference spectroscopy. <i>Journal of Magnetic Resonance</i> , <b>1982</b> , 50, 289-298		4
24	Analysis of the proton nuclear magnetic resonance spectrum of 11.β-hydroxyprogesterone by one- and two-dimensional methods. Some implications for steroid and terpenoid chemistry. <i>Journal of Organic Chemistry</i> , <b>1981</b> , 46, 1132-1138	4.2	45
23	Acetaldehyde--enkephalins: structure proof and some conformational deductions from one- and two-dimensional proton nuclear magnetic resonance spectra. <i>Biochemistry</i> , <b>1981</b> , 20, 3880-3	3.2	16
22	Spin-echo methods for resolution control of lanthanide-shifted n.m.r. spectra. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1981</b> , 1201		15
21	Th beam electron impact mass spectrometry: the structure of a bacteriochlorophyll allomer. <i>Tetrahedron Letters</i> , <b>1980</b> , 21, 1671-1674	2	16
20	Petroporphyrins IV. Nuclear overhauser enhancement 1H NMR studies of deoxophylloerythroetiopyrins from gilsonite. <i>Tetrahedron Letters</i> , <b>1980</b> , 21, 2987-2990	2	39
19	Complete analysis of proton NMR spectra of complex natural products using a combination of one- and two-dimensional techniques. 1-Dehydrotestosterone. <i>Journal of the American Chemical Society</i> , <b>1980</b> , 102, 5703-5711	16.4	215
18	Synthesis of a chlorophyll which does not aggregate. <i>Tetrahedron Letters</i> , <b>1978</b> , 19, 295-298	2	7
17	McConnell's Q in metalloporphyrin radical cations. <i>Journal of Magnetic Resonance</i> , <b>1978</b> , 31, 49-53		
16	Spin-lattice relaxation, nuclear Overhauser enhancements, and long range coupling in chlorophylls and metalloporphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1978</b> , 1150		29
15	Meldola medal lecture. N.m.r. spectral change as a probe of chlorophyll chemistry. <i>Chemical Society Reviews</i> , <b>1977</b> , 6, 467	58.5	4
14	Novel amide alkaloids from the roots of Piper guineense. <i>Phytochemistry</i> , <b>1977</b> , 16, 757-759	4	28
13	N-isobutyl-trans-2-trans-4-eicosadienamide and other alkaloids of fruits of Piper guineense. <i>Phytochemistry</i> , <b>1977</b> , 16, 483-485	4	19
12	The chlorophyll-a radical-cation: determination of hyperfine coupling constants by nuclear magnetic resonance spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1976</b> , 247		3
11	Assignment of metalloporphyrin and chlorophyll nuclear magnetic resonance spectra via spin-lattice relaxation times. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1976</b> , 1049		6
10	A simple nuclear magnetic resonance method for the study of stable free radicals. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1974</b> , 255		3
9	N.M.R. Spectroscopy of metalloporphyrin radical cations. Electron density and aggregation effects. <i>Tetrahedron Letters</i> , <b>1974</b> , 15, 4543-4546	2	3
8	Reactions of 2-ethyl- and 2-benzyl-1,4-naphthoquinone with N-methylcyclohexylamine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1972</b> , 2046		6

7	Secondary deuterium isotope effect on Lewis basicity: tris(dipivaloylmethanato)-europium as a simple and effective probe. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1972</b> , 436		10
6	Paramagnetic shift reagents. Nature of the interactions. <i>Journal of the American Chemical Society</i> , <b>1972</b> , 94, 5325-5335	16.4	70
5	Shift Reagents in NMR Spectroscopy. <i>Nature</i> , <b>1972</b> , 240, 385-390	50.4	38
4	Tris(dipivalomethanato)europium. Paramagnetic shift reagent for use in nuclear magnetic resonance spectroscopy. <i>Journal of the American Chemical Society</i> , <b>1971</b> , 93, 641-645	16.4	222
3	Evidence for Contact and Pseudo-Contact Contributions in Lanthanide-Induced <sup>31</sup> P N.M.R. Shifts. <i>Tetrahedron Letters</i> , <b>1971</b> , 12, 2813-2816	2	27
2	A shift reagent for use in nuclear magnetic resonance spectroscopy. A first-order spectrum of n-hexanol. <i>Challenge</i> , <b>1970</b> , 422	0.8	129
1	History and Principles of Dynamic Combinatorial Chemistry1-22		2