

Lawrence T Scott

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.

288
papers

14,437
citations

60
h-index

107
g-index

372
ext. papers

15,597
ext. citations

9.3
avg, IF

6.6
L-index

#	Paper	IF	Citations
288	Double-Helix Supramolecular Nanofibers Assembled from Negatively Curved Nanographenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5465-5469	16.4	18
287	Wavy graphene sheets from electrochemical sewing of corannulene. <i>Chemical Science</i> , 2021 , 12, 8048-8057	9.4	5
286	Reversal of Clar's Aromatic-Sextet Rule in Ultrashort Single-End-Capped [5,5] Carbon Nanotubes. <i>ChemistryOpen</i> , 2020 , 9, 616-622	2.3	4
285	Disentangling the Contributions to the Proton Magnetic Shielding in Carbon Nanohoops and Nanobelts: Evidence for a Paratropic Belt-Current. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 7489-7494	6.4	4
284	Rational synthesis of an atomically precise carboncone under mild conditions. <i>Science Advances</i> , 2019 , 5, eaaw0982	14.3	25
283	Synthesis and structural features of thiophene-fused analogues of warped nanographene and quintuple helicene. <i>Chemical Science</i> , 2019 , 10, 2326-2330	9.4	41
282	Two-step synthesis of a red-emissive warped nanographene derivative a ten-fold C-H borylation. <i>Chemical Science</i> , 2019 , 10, 9038-9041	9.4	16
281	Negatively Curved Warped Nanographene Self-Assembled on Metal Surfaces. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13158-13164	16.4	11
280	A Water-Soluble Warped Nanographene: Synthesis and Applications for Photoinduced Cell Death. <i>Angewandte Chemie</i> , 2018 , 130, 2924-2928	3.6	15
279	A Water-Soluble Warped Nanographene: Synthesis and Applications for Photoinduced Cell Death. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2874-2878	16.4	65
278	A Quintuple [6]Helicene with a Corannulene Core as a C ₅ -Symmetric Propeller-Shaped π System. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1337-1341	16.4	96
277	A Quintuple [6]Helicene with a Corannulene Core as a C ₅ -Symmetric Propeller-Shaped π System. <i>Angewandte Chemie</i> , 2018 , 130, 1351-1355	3.6	53
276	Mechanochemically-generated solid state complex of C ₆₀ -fullerene with tetra-(5,7-diphenyl)calix[4]azulene, NMR, XRD and DFT studies. <i>Supramolecular Chemistry</i> , 2018 , 30, 575-582	1.8	4
275	Synthesis and Structure of a Propeller-Shaped Polycyclic Aromatic Hydrocarbon Containing Seven-Membered Rings. <i>Organic Letters</i> , 2018 , 20, 1932-1935	6.2	35
274	Calixazulenes: azulene-based calixarene analogues - an overview and recent supramolecular complexation studies. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2488-2494	2.5	8
273	5-Azadibenzo[a,g]corannulene. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 688-698	5.2	32
272	A practical synthesis and X-ray crystal structure of tribenzo[a,d,j]corannulene. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 410-414	0.9	3

271	Bicyclo[6.3.0]undeca-1(11),2,4,6,8-pentaen-10-ylidene: An Aromatic Carbene with Ambiphilic Properties. <i>ChemPlusChem</i> , 2017 , 82, 1073-1077	2.8	2
270	Methods for the chemical synthesis of carbon nanotubes: an approach based on hemispherical polyarene templates. <i>Pure and Applied Chemistry</i> , 2017 , 89, 809-820	2.1	11
269	Exotic Chemistry and Rational Organic Syntheses at 1000 °C. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11535-11547	3.5	47
268	Microscopic origin of chiral shape induction in achiral crystals. <i>Nature Chemistry</i> , 2016 , 8, 326-30	17.6	53
267	Synthesis of 1-Substituted Fluorenones. <i>Polycyclic Aromatic Compounds</i> , 2016 , 36, 697-715	1.3	7
266	Corannulene-Helicene Hybrids: Chiral π -Systems Comprising Both Bowl and Helical Motifs. <i>Organic Letters</i> , 2016 , 18, 3992-5	6.2	46
265	Chemistry at the interior atoms of polycyclic aromatic hydrocarbons. <i>Chemical Society Reviews</i> , 2015 , 44, 6464-71	58.5	48
264	1,3,5,7-Tetra(Bpin)azulene by Exhaustive Direct Borylation of Azulene and 5,7-Di(Bpin)azulene by Selective Subsequent Deborylation. <i>Synlett</i> , 2015 , 26, 1578-1580	2.2	12
263	Nearly exclusive growth of small diameter semiconducting single-wall carbon nanotubes from organic chemistry synthetic end-cap molecules. <i>Nano Letters</i> , 2015 , 15, 586-95	11.5	69
262	Synthesis, Properties, and Packing Structures of Corannulene-Based π -Systems Containing Heptagons. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1635-9	4.5	57
261	Oxidative cyclotrimerization of unsaturated compounds with DDQ and triflic acid: An efficient synthetic route to triply-fused benzene rings. <i>Tetrahedron Letters</i> , 2015 , 56, 3458-3462	2	13
260	Hole-Transporting Materials with a Two-Dimensionally Expanded π -System around an Azulene Core for Efficient Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15656-9	16.4	238
259	Enzyme catalysis: Basic principles in one easy lesson. <i>Nature Chemistry</i> , 2014 , 6, 177-8	17.6	5
258	Electron transfer in a supramolecular associate of a fullerene fragment. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2170-5	16.4	40
257	Titelbild: Electron Transfer in a Supramolecular Associate of a Fullerene Fragment (Angew. Chem. 8/2014). <i>Angewandte Chemie</i> , 2014 , 126, 2035-2035	3.6	2
256	Site-selective covalent functionalization at interior carbon atoms and on the rim of circumtrindene, a C ₃₆ H ₁₂ open geodesic polyarene. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 956-68	2.5	17
255	Bicyclo[6.3.0]undecapentaenyl Anion: The Next Higher Homolog of the Indenyl Anion with Exceptionally Large Ion-Pairing Effects on its Tropicity. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 893-900	4.5	3
254	Probing Mechanisms of Aryl-Aryl Bond Cleavages under Flash Vacuum Pyrolysis Conditions. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1279	1.2	4

253	Electron Transfer in a Supramolecular Associate of a Fullerene Fragment. <i>Angewandte Chemie</i> , 2014 , 126, 2202-2207	3.6	12
252	1,3,5-tricorannulenylnbenzene: stereochemistry, reduction and supramolecular dimerization of a branched oligocorannulene. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 124-130	2.1	16
251	A grossly warped nanographene and the consequences of multiple odd-membered-ring defects. <i>Nature Chemistry</i> , 2013 , 5, 739-44	17.6	441
250	Aromaticity and Other Conjugation Effects. Von Rolf Gleiter und Gebhard Haberhauer.. <i>Angewandte Chemie</i> , 2013 , 125, 2461-2462	3.6	1
249	Rapid, microwave-assisted perdeuteration of polycyclic aromatic hydrocarbons. <i>Journal of Organic Chemistry</i> , 2013 , 78, 2139-43	4.2	19
248	Facets of the Tetsuo Nozoe legacy immortalized in an enduring series of International Symposia on Novel Aromatic Compounds (ISNA). <i>Chemical Record</i> , 2013 , 13, 603-17; discussion 603	6.6	9
247	Corannulene and its penta-tert-butyl derivative co-crystallize 1:1 with pristine C60-fullerene. <i>Chemical Communications</i> , 2012 , 48, 5563-5	5.8	71
246	Facile air-oxidation of large aromatic hydrocarbon bay regions to bay region quinones: predicted oxygen-sensitivity of hydrogen-terminated carbon nanotubes. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5747-9	3.9	4
245	Diels-Alder cycloaddition of acetylene gas to a polycyclic aromatic hydrocarbon bay region. <i>Chemical Communications</i> , 2012 , 48, 8102-4	5.8	37
244	New Insights on Vibrational Dynamics of Corannulene. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 25089-25096	3.8	14
243	Pushing the Ir-catalyzed C-H polyborylation of aromatic compounds to maximum capacity by exploiting reversibility. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15169-72	16.4	114
242	Palladium-catalyzed C-H activation taken to the limit. Flattening an aromatic bowl by total arylation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15664-7	16.4	84
241	A short, rigid, structurally pure carbon nanotube by stepwise chemical synthesis. <i>Journal of the American Chemical Society</i> , 2012 , 134, 107-10	16.4	283
240	Special Electronic Structure and Extended Supramolecular Oligomerization of Anionic 1,4-Dicorannulenylnbenzene. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6321-6327	3.2	12
239	Carbon nanotubes from short hydrocarbon templates. Energy analysis of the Diels-Alder cycloaddition/rearomatization growth strategy. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1373-1381		95
238	Experimental and Calculated Properties of Fullerene and Nanotube Fragments 2011 , 135-156		1
237	Aromatic Belts as Sections of Nanotubes 2011 , 259-289		5
236	Cycloparaphenylenes: The Shortest Possible Segments of Armchair Carbon Nanotubes 2011 , 291-309		5

235	Conjugated Molecular Belts Based on 3D Benzannulene Systems 2011 , 311-342		11
234	Bent Pyrenes: Springboards to Aromatic Belts? 2011 , 367-399		2
233	Synthesis of Bowl-Shaped and Basket-Shaped Fullerene Fragments Via Benzannulated Enyne-Allenenes 2011 , 41-61		
232	Anions of Buckybowls 2011 , 63-93		2
231	Curved π -Conjugated Stable Open-Shell Systems Possessing Three-Dimensional Molecular/Electronic Spin Structures 2011 , 95-134		4
230	Sumanenes: Synthesis and Complexation 2011 , 187-203		1
229	π -Bonded Transition Metal Complexes of Polycyclic Aromatic Carbon Compounds 2011 , 205-233		
228	Toward Fully Unsaturated Double-Stranded Cycles 2011 , 343-366		6
227	Coordination Preferences of Bowl-Shaped Polyaromatic Hydrocarbons 2011 , 157-185		
226	Molecular curvature tradeoffs: Bending a planar trimercury unit over bowl-shaped polyaromatic hydrocarbons. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2877-2881	2.3	36
225	Gas-phase Diels-Alder cycloaddition of benzyne to an aromatic hydrocarbon bay region: Groundwork for the selective solvent-free growth of armchair carbon nanotubes. <i>Tetrahedron Letters</i> , 2011 , 52, 2051-2053	2	57
224	Hemispherical Geodesic Polyarenes: Attractive Templates for the Chemical Synthesis of Uniform-Diameter Armchair Nanotubes 2011 , 235-258		1
223	Molecular Clips and Tweezers with Corannulene Pincers 2011 , 1-40		2
222	CYCLOPENT[bc]ACENAPHTHYLENE: A PUTATIVE INTERMEDIATE ON THE PATHWAY FOR THERMAL CYCLODEHYDROGENATION OF PHENANTHRENE. <i>Polycyclic Aromatic Compounds</i> , 2010 , 30, 260-273	1.3	5
221	An oxidation induced by potassium metal. Studies on the anionic cyclodehydrogenation of 1,1'-binaphthyl to perylene. <i>Journal of Organic Chemistry</i> , 2010 , 75, 7358-64	4.2	33
220	POLYCYCLIC AROMATIC HYDROCARBON BOWLS, BASKETS, BALLS, AND TUBES: CHALLENGING TARGETS FOR CHEMICAL SYNTHESIS. <i>Polycyclic Aromatic Compounds</i> , 2010 , 30, 247-259	1.3	43
219	π -Interactions and Solid State Packing Trends of Polycyclic Aromatic Bowls in the Indenocorannulene Family: Predicting Potentially Useful Bulk Properties. <i>Crystal Growth and Design</i> , 2010 , 10, 4607-4621	3.5	74
218	Increasing the Curvature of a Bowl-Shaped Polyarene by Fullerene-like π -Complexation of a Transition Metal at the Interior of the Convex Surface. <i>Organometallics</i> , 2010 , 29, 1231-1237	3.8	33

217	Solid-state ¹³ C NMR investigations of 4,7-dihydro-1H-tricyclopenta[def,jkl,pqr]triphenylene (sumanene) and indeno[1,2,3-cd]fluoranthene: Buckminsterfullerene moieties. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7934-41	3.6	13
216	Highly charged supramolecular oligomers based on the dimerization of corannulene tetraanion. <i>Chemical Communications</i> , 2010 , 46, 9010-2	5.8	39
215	Routine analysis and characterization of highly insoluble polycyclic aromatic compounds by direct analysis in real time mass spectrometry (DART). <i>Analyst, The</i> , 2010 , 135, 700-4	5	23
214	Intense and Tunable Electrochemiluminescence of Corannulene. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19467-19472	3.8	83
213	The Bicorannulenyl Dianion: A Charged Overcrowded Ethylene. <i>Angewandte Chemie</i> , 2010 , 122, 7700-7704	9.6	6
212	The bicorannulenyl dianion: a charged overcrowded ethylene. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7538-42	16.4	20
211	One-step conversion of aromatic hydrocarbon bay regions into unsubstituted benzene rings: a reagent for the low-temperature, metal-free growth of single-chirality carbon nanotubes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6626-8	16.4	112
210	Expanding the Suzuki-Miyaura-Type Coupling Cascade: A New Indeno[1,2,3]-Annulation of Polycyclic Aromatic Hydrocarbons. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1009-1013	5.6	32
209	One step closer to isomerically pure fullerenes and heterofullerenes: harnessing the potential of catalytic surfaces. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 436-7	16.4	10
208	New strategies for synthesizing short sections of carbon nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5400-2	16.4	104
207	Foregoing rigidity to achieve greater intimacy. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8473-6	16.4	55
206	Search for corannulene (C ₂₀ H ₁₀) in the Red Rectangle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 1053-1060	4.3	34
205	Electrochemical and theoretical investigation of corannulene reduction processes. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1954-62	3.4	84
204	Aromatic pi-systems more curved than C(60). The complete family of all indenocorannulenes synthesized by iterative microwave-assisted intramolecular arylations. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10537-45	16.4	152
203	Diels-Alder reactivity of polycyclic aromatic hydrocarbon bay regions: implications for metal-free growth of single-chirality carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16006-7	16.4	202
202	Aryl-aryl bond formation by flash vacuum pyrolysis of benzannulated thiopyrans. <i>Journal of Organic Chemistry</i> , 2008 , 73, 5119-22	4.2	4
201	4,11-BISANTHENEQUINONE AND 10,10'-BIANTHRONE: SIMPLE ONE-STEP SYNTHESSES FROM ANTHRONE. <i>Polycyclic Aromatic Compounds</i> , 2008 , 28, 128-135	1.3	2
200	Fullerene-like chemistry at the interior carbon atoms of an alkene-centered C ₂₆ H ₁₂ geodesic polyarene. <i>Journal of Organic Chemistry</i> , 2008 , 73, 88-93	4.2	32

199	Magnetic euripi in corannulene. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 8136-47	2.8	31
198	Bicorannulenylyl: stereochemistry of a C ₄₀ H ₁₈ biaryl composed of two chiral bowls. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6073-8	4.2	41
197	Temperature dependence and pressure dependence of the vibrational properties of corannulene. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2261-2263	1.3	4
196	Steps toward the synthesis of a geodesic C ₆₀ H ₁₂ end cap for a C _{3v} carbon [6,6]nanotube. <i>Tetrahedron</i> , 2008 , 64, 11360-11369	2.4	48
195	Gas phase assembly and X-ray crystal structure of copper(I) 3,5-bis(trifluoromethyl)benzoate network with corannulene. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3103-3108	2.7	10
194	HRMS directly from TLC slides. A powerful tool for rapid analysis of organic mixtures. <i>Organic Letters</i> , 2008 , 10, 3493-6	6.2	44
193	Ring current effects in crystals. Evidence from ¹³ C chemical shift tensors for intermolecular shielding in 4,7-di- <i>t</i> -butylacenaphthene versus 4,7-di- <i>t</i> -butylacenaphthylene. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 2020-7	2.8	15
192	Pentaindenocorannulene and tetraindenocorannulene: new aromatic hydrocarbon pi systems with curvatures surpassing that of C ₆₀ . <i>Journal of the American Chemical Society</i> , 2007 , 129, 484-5	16.4	180
191	Trisannulated benzene derivatives by Acid catalyzed aldol cyclotrimerizations of cyclic ketones. Methodology development and mechanistic insight. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3412-8	4.2	42
190	Thermal cyclodehydrogenations to form 6-membered rings: cyclizations of [5]helicenes. <i>Organic Letters</i> , 2007 , 9, 3937-40	6.2	46
189	C ₂₀ carbon clusters: fullerene-boat-sheet generation, mass selection, photoelectron characterization. <i>Chemistry - A European Journal</i> , 2006 , 12, 6268-80	4.8	49
188	C ₃₀ H ₁₂ (6-): self-aggregation, high charge density, and pyramidalization in a supramolecular structure of a supercharged hemifullerene. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3273-7	16.4	32
187	Corannulene "hub" carbon coordination by [Ru ₂ {O ₂ C(3,5-CF ₃) ₂ C ₆ H ₃] ₂ (CO) ₅]. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7208-10	16.4	52
186	C ₃₀ H ₁₂ Self-Aggregation, High Charge Density, and Pyramidalization in a Supramolecular Structure of a Supercharged Hemifullerene. <i>Angewandte Chemie</i> , 2006 , 118, 3351-3355	3.6	18
185	Corannulene Hub Carbon Coordination by [Ru ₂ {O ₂ C(3,5-CF ₃) ₂ C ₆ H ₃] ₂ (CO) ₅]. <i>Angewandte Chemie</i> , 2006 , 118, 7366-7368	3.6	21
184	New interesting molecular topologies by way of modern cross-coupling reactions. <i>Pure and Applied Chemistry</i> , 2006 , 78, 813-830	2.1	27
183	Benzo[a]acecorannulene: surprising formation of a new bowl-shaped aromatic hydrocarbon from an attempted synthesis of 1,2-diazadibenzo[d,m]corannulene. <i>Organic Letters</i> , 2006 , 8, 5195-8	6.2	35
182	Geodesic polyarenes by flash vacuum pyrolysis. <i>Chemical Reviews</i> , 2006 , 106, 4868-84	68.1	622

181	Synthesis and aldol cyclotrimerization of 4,7-di-tert-butylacenaphthenone. <i>Canadian Journal of Chemistry</i> , 2006 , 84, 1268-1272	0.9	7
180	Oligoindenopyrenes: a new class of polycyclic aromatics. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9080-7	4.2	71
179	X-ray and density functional theory structural study of 1,3,5,7,9-penta-tert-butylcorannulene, C ₄₀ H ₅₀ . <i>Journal of Organic Chemistry</i> , 2006 , 71, 6615-8	4.2	39
178	Reduction of bowl-shaped hydrocarbons: dianions and tetraanions of annelated corannulenes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 290-8	4.2	58
177	Corannulene: A Preference for exo-Metal Binding. X-ray Structural Characterization of [Ru ₂ (O ₂ CCF ₃) ₂ (CO) ₄ [(C ₂₀ H ₁₀) ₂]. <i>Organometallics</i> , 2006 , 25, 5492-5495	3.8	41
176	Reductive Bergman-type cyclizations of cross-conjugated enediynes to fulvene and fulvalene anions: the role of the substituent. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4703-9	16.4	26
175	Appearance energies of singly, doubly, and triply charged coronene and corannulene ions produced by electron impact. <i>International Journal of Mass Spectrometry</i> , 2006 , 249-250, 353-358	1.9	25
174	Anions and polyanions of oligoindenopyrenes: modes of electron delocalization and dimerization. <i>Chemistry - an Asian Journal</i> , 2006 , 1, 678-85	4.5	14
173	Interstellar chemistry: a strategy for detecting polycyclic aromatic hydrocarbons in space. <i>Journal of the American Chemical Society</i> , 2005 , 127, 4345-9	16.4	144
172	Concave polyarenes with sulfide-linked flaps and tentacles: new electron-rich hosts for fullerenes. <i>Journal of Organic Chemistry</i> , 2005 , 70, 6158-63	4.2	100
171	Coordination chemistry of buckybowls: from corannulene to a hemifullerene. <i>Dalton Transactions</i> , 2005 , 2969-75	4.3	114
170	Ball-and-socket stacking of supercharged geodesic polyarenes: bonding by interstitial lithium ions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9581-7	16.4	55
169	Unprecedented Complexation of Two Transition Metals to the Concave Surface of a Geodesic Polyarene: {[Rh ₂ (O ₂ CCF ₃) ₄] ₃ (dibenzo[a,g]corannulene) ₂ }. <i>Organometallics</i> , 2005 , 24, 1394-1397	3.8	53
168	Interconversions of aryl radicals by 1,4-shifts of hydrogen atoms. A synthesis of benzo[a]corannulene. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16518-21	16.4	24
167	Laser Plasma Production of Metal-Corannulene Ion-Molecule Complexes. <i>Organometallics</i> , 2005 , 24, 4573-4578	3.8	27
166	Free-electron attachment to coronene and corannulene in the gas phase. <i>Journal of Chemical Physics</i> , 2005 , 123, 104308	3.9	49
165	X-ray quality geometries of geodesic polyarenes from theoretical calculations: what levels of theory are reliable?. <i>Journal of Organic Chemistry</i> , 2005 , 70, 5713-6	4.2	174
164	Squeezing C-C bonds. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7549-53	16.4	44

163	Corannulene Polysulfides: Molecular Bowls with Multiple Arms and Flaps. <i>Synlett</i> , 2004 , 2004, 173-176	2.2	8
162	Cation complexes of a bowl-shaped polycyclic aromatic hydrocarbon. <i>Journal of Physical Organic Chemistry</i> , 2004 , 17, 819-823	2.1	26
161	Methods for the chemical synthesis of fullerenes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4994-5007	16.4	210
160	Hemibuckminsterfullerene C(30)H(12): X-ray crystal structures of the parent hydrocarbon and of the two-dimensional organometallic network $[[\text{Rh}(2)(\text{O}(2)\text{CCF}(3))(4)](3)]_x(\text{C}(30)\text{H}(12))$. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5477-81	16.4	100
159	Cover Picture: Methods for the Chemical Synthesis of Fullerenes (Angew. Chem. Int. Ed. 38/2004). <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4965-4965	16.4	2
158	Methoden zur chemischen Synthese von Fullerenen. <i>Angewandte Chemie</i> , 2004 , 116, 5102-5116	3.6	55
157	Hemibuckminsterfullerene C ₃₀ H ₁₂ : X-ray Crystal Structures of the Parent Hydrocarbon and of the Two-Dimensional Organometallic Network $\{[\text{Rh}_2(\text{O}_2\text{CCF}_3)_4]_3?(\text{C}_{30}\text{H}_{12})\}$. <i>Angewandte Chemie</i> , 2004 , 116, 5593-5597	3.6	40
156	Titelbild: Methoden zur chemischen Synthese von Fullerenen (Angew. Chem. 38/2004). <i>Angewandte Chemie</i> , 2004 , 116, 5073-5073	3.6	2
155	Methods for the Chemical Synthesis of Fullerenes. <i>ChemInform</i> , 2004 , 35, no		1
154	Molecular satellite dishes: attaching parabolic and planar arenes to heterofullerenes. <i>Chemical Communications</i> , 2004 , 766-7	5.8	18
153	Dicyclobuta[de,ij]naphthalene and dicyclopenta[cd,gh]pentalene: a theoretical study. <i>Journal of Organic Chemistry</i> , 2004 , 69, 8093-100	4.2	8
152	Elaboration of diaryl ketones into naphthalenes fused on two or four sides: a naphthoannulation procedure. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3108-12	16.4	108
151	Konjugierte Gitter und Nanoringe mit radial orientierten p-Orbitalen. <i>Angewandte Chemie</i> , 2003 , 115, 4265-4267	3.6	44
150	Transition-Metal Complexes of an Open Geodesic Polyarene. <i>Angewandte Chemie</i> , 2003 , 115, 3497-3501	3.6	24
149	Conjugated belts and nanorings with radially oriented p orbitals. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4133-5	16.4	123
148	Transition-metal complexes of an open geodesic polyarene. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3375-9	16.4	71
147	Gas-Phase Molecular Structure of Decachlorocorannulene, C ₂₀ Cl ₁₀ . An Electron-Diffraction Study Augmented by ab Initio, DFT, and Normal Coordinate Calculations. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 411-417	2.8	27
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2	Diazo Ketone Cyclization onto a Benzene Ring: 3,4-Dihydro-1(2H)-azulenone		180-180

1 Azulene quinones1385-1417

1