

Harry Anderson

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3258277/harry-anderson-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

353
papers

22,244
citations

78
h-index

134
g-index

396
ext. papers

24,259
ext. citations

10.1
avg, IF

7.04
L-index

#	Paper	IF	Citations
353	Polyynes [3]rotaxanes: Synthesis via dicobalt carbonyl complexes and enhanced stability.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	3
352	A porphyrin pentamer as a bright emitter for NIR OLEDs.. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5929-5933		
351	A Peierls Transition in Long Polymethine Molecular Wires: Evolution of Molecular Geometry and Single-Molecule Conductance. <i>Journal of the American Chemical Society</i> , 2021 , 143, 20472-20481	16.4	3
350	Self-assembly of a strapped linear porphyrin oligomer on HOPG. <i>Scientific Reports</i> , 2021 , 11, 20388	4.9	1
349	Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5941-5947	16.4	6
348	A Short History of Cyclocarbons. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 798-811	5.1	6
347	Masked Alkyne Equivalents for the Synthesis of Mechanically Interlocked Polyynes**. <i>Angewandte Chemie</i> , 2021 , 133, 6006-6012	3.6	2
346	Long-lived charged states of single porphyrin-tape junctions under ambient conditions. <i>Nanoscale Horizons</i> , 2021 , 6, 49-58	10.8	5
345	Charge transport through extended molecular wires with strongly correlated electrons. <i>Chemical Science</i> , 2021 , 12, 11121-11129	9.4	1
344	From Macrocycles to Quantum Rings: Does Aromaticity Have a Size Limit?. <i>Accounts of Chemical Research</i> , 2021 ,	24.3	6
343	Towards efficient near-infrared fluorescent organic light-emitting diodes. <i>Light: Science and Applications</i> , 2021 , 10, 18	16.7	15
342	Experimental and Theoretical Evidence for Aromatic Stabilization Energy in Large Macrocycles. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2403-2412	16.4	8
341	A Complex Comprising a Cyanine Dye Rotaxane and a Porphyrin Nanoring as a Model Light-Harvesting System. <i>Angewandte Chemie</i> , 2020 , 132, 16597	3.6	
340	A Complex Comprising a Cyanine Dye Rotaxane and a Porphyrin Nanoring as a Model Light-Harvesting System. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16455-16458	16.4	21
339	Panchromatic light funneling through the synergy in hexabenzocoronene-(metallo)porphyrin-fullerene assemblies to realize the separation of charges. <i>Chemical Science</i> , 2020 , 11, 7123-7132	9.4	3
338	Allosteric Cooperativity and Template-Directed Synthesis with Stacked Ligands in Porphyrin Nanorings. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13219-13226	16.4	6
337	Synthesis of Cyclo[18]carbon via Debromination of CBr. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12921-12924	16.4	30

336	Photochemical Unmasking of Polyene Rotaxanes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13523-13532	16.4	9
335	Mechanisms of IR amplification in radical cation polarons. <i>Chemical Science</i> , 2020 , 11, 2112-2120	9.4	7
334	Global aromaticity at the nanoscale. <i>Nature Chemistry</i> , 2020 , 12, 236-241	17.6	61
333	Molecular Quantum Rings Formed from a π -Conjugated Macrocyclic. <i>Physical Review Letters</i> , 2020 , 125, 206803	7.4	7
332	Super-resolution RESOLFT microscopy of lipid bilayers using a fluorophore-switch dyad. <i>Chemical Science</i> , 2020 , 11, 8955-8960	9.4	7
331	Exciton-Exciton Annihilation as a Probe of Exciton Diffusion in Large Porphyrin Nanorings. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 18416-18425	3.8	2
330	Global Aromaticity in a Partially Fused 8-Porphyrin Nanoring. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19393-19401	16.4	12
329	Cooperative assembly of H-bonded rosettes inside a porphyrin nanoring. <i>Chemical Science</i> , 2020 , 12, 1427-1432	9.4	4
328	Spin Delocalization in the Radical Cations of Porphyrin Molecular Wires: A New Perspective on EPR Approaches. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5708-5712	6.4	3
327	Atomic Scale Imaging of Reversible Ring Cyclization in Graphene Nanoconstrictions. <i>ACS Nano</i> , 2019 , 13, 2379-2388	16.7	2
326	Metal Atom Markers for Imaging Epitaxial Molecular Self-Assembly on Graphene by Scanning Transmission Electron Microscopy. <i>ACS Nano</i> , 2019 , 13, 7252-7260	16.7	8
325	ELDOR-detected NMR beyond hyperfine couplings: a case study with Cu(II)-porphyrin dimers. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 11676-11688	3.6	7
324	Tuning the Circumference of Six-Porphyrin Nanorings. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7965-7971	16.4	17
323	Unusual Length Dependence of the Conductance in Cumulene Molecular Wires. <i>Angewandte Chemie</i> , 2019 , 131, 8466	3.6	2
322	Unusual Length Dependence of the Conductance in Cumulene Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8378-8382	16.4	26
321	Synthesis and Properties of Porphyrin Nanotubes. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1800211	2	19
320	Aromaticity and Antiaromaticity in the Excited States of Porphyrin Nanorings. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2017-2022	6.4	25
319	Probing the orientation of porphyrin oligomers in a liquid crystal solvent by triplet state electron paramagnetic resonance study. <i>Molecular Physics</i> , 2019 , 117, 2700-2708	1.7	

318	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15717-15720	16.4	20
317	An sp-hybridized molecular carbon allotrope, cyclo[18]carbon. <i>Science</i> , 2019 , 365, 1299-1301	33.3	235
316	Cross-conjugation increases the conductance of meta-connected fluorenones. <i>Nanoscale</i> , 2019 , 11, 13720-13724	20.7	24
315	On-Surface Synthesis within a Porphyrin Nanoring Template. <i>Scientific Reports</i> , 2019 , 9, 9352	4.9	12
314	Charge-state assignment of nanoscale single-electron transistors from their current-voltage characteristics. <i>Nanoscale</i> , 2019 , 11, 14820-14827	7.7	8
313	Ordering, flexibility and frustration in arrays of porphyrin nanorings. <i>Nature Communications</i> , 2019 , 10, 2932	17.4	10
312	Understanding resonant charge transport through weakly coupled single-molecule junctions. <i>Nature Communications</i> , 2019 , 10, 4628	17.4	23
311	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. <i>Angewandte Chemie</i> , 2019 , 131, 15864-15867	3.6	7
310	Time-Resolved Structural Dynamics of Extended π -Electron Porphyrin Nanoring. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 27222-27229	3.8	4
309	Watching Bonds Move in a Large Antiaromatic Ring. <i>Chem</i> , 2019 , 5, 9-12	16.2	3
308	Push-pull quinoidal porphyrins. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3648-3654	3.9	4
307	Template-Directed Synthesis of a Conjugated Zinc Porphyrin Nanoball. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5352-5355	16.4	50
306	Spiroanthoxazine switchable dyes for biological imaging. <i>Chemical Science</i> , 2018 , 9, 3029-3040	9.4	40
305	Synthesis of Polyynes Using Dicobalt Masking Groups. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2077-2086	4.2	11
304	Detecting Mechanochemical Atropisomerization within an STM Break Junction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 710-718	16.4	32
303	Shadow Mask Templates for Site-Selective Metal Exchange in Magnesium Porphyrin Nanorings. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7874-7877	16.4	10
302	Tailored homo- and hetero- lanthanide porphyrin dimers: a synthetic strategy for integrating multiple spintronic functionalities into a single molecule. <i>Chemical Science</i> , 2018 , 9, 8474-8481	9.4	10
301	Band Structures of Periodic Porphyrin Nanostructures. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 23790-23798	13	13

300	Anchor Groups for Graphene-Porphyrin Single-Molecule Transistors. <i>Advanced Functional Materials</i> , 2018 , 28, 1803629	15.6	35
299	Bias-Driven Conductance Increase with Length in Porphyrin Tapes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12877-12883	16.4	59
298	Template-Directed Synthesis of Molecular Nanorings and Cages. <i>Accounts of Chemical Research</i> , 2018 , 51, 2083-2092	24.3	107
297	Porphyrin Dyes for Nonlinear Optical Imaging of Live Cells. <i>IScience</i> , 2018 , 4, 153-163	6.1	14
296	Distance Measurement of a Noncovalently Bound Y@C Pair with Double Electron Electron Resonance Spectroscopy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7420-7424	16.4	6
295	Shadow Mask Templates for Site-Selective Metal Exchange in Magnesium Porphyrin Nanorings. <i>Angewandte Chemie</i> , 2018 , 130, 8000-8003	3.6	4
294	Polyyne formation via skeletal rearrangement induced by atomic manipulation. <i>Nature Chemistry</i> , 2018 , 10, 853-858	17.6	62
293	Resolving Vibrational from Electronic Coherences in Two-Dimensional Electronic Spectroscopy: The Role of the Laser Spectrum. <i>Physical Review Letters</i> , 2017 , 118, 033001	7.4	27
292	Template-directed synthesis of linear porphyrin oligomers: classical, Vernier and mutual Vernier. <i>Chemical Science</i> , 2017 , 8, 2729-2740	9.4	21
291	Tuning the Sensitivity of Fluorescent Porphyrin Dimers to Viscosity and Temperature. <i>Chemistry - A European Journal</i> , 2017 , 23, 11001-11010	4.8	25
290	Discrimination of Diverse Coherences Allows Identification of Electronic Transitions of a Molecular Nanoring. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2344-2349	6.4	36
289	The single-molecule electrical conductance of a rotaxane-hexayne supramolecular assembly. <i>Nanoscale</i> , 2017 , 9, 355-361	7.7	36
288	Quantifying the exchange coupling in linear copper porphyrin oligomers. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16057-16061	3.6	13
287	Constructive quantum interference in a bis-copper six-porphyrin nanoring. <i>Nature Communications</i> , 2017 , 8, 14842	17.4	29
286	Push-pull pyropheophorbides for nonlinear optical imaging. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 947-956	3.9	17
285	Porphyrin-Polyyne [3]- and [5]Rotaxanes. <i>Organic Letters</i> , 2017 , 19, 348-351	6.2	22
284	Aromatic and antiaromatic ring currents in a molecular nanoring. <i>Nature</i> , 2017 , 541, 200-203	50.4	149
283	Single-Acetylene Linked Porphyrin Nanorings. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16502-16503	16.5	53

282	Thermally induced suppression of interchain interactions in dilute aqueous solutions of conjugated polyelectrolyte rotaxanes and their analogues. <i>Applied Physics Letters</i> , 2017 , 111, 083301	3.4	2
281	Scavenger templates: a systems chemistry approach to the synthesis of porphyrin-based molecular wires. <i>Chemical Communications</i> , 2017 , 53, 10410-10413	5.8	7
280	On the Influence of the Bridge on Triplet State Delocalization in Linear Porphyrin Oligomers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12003-12008	16.4	14
279	Detection of a weak ring current in a nonaromatic porphyrin nanoring using magnetic circular dichroism. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 32556-32565	3.6	6
278	A Coarse-Grained Model for Free and Template-Bound Porphyrin Nanorings. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 5907-5920	2.8	1
277	Electronic Delocalization in the Radical Cations of Porphyrin Oligomer Molecular Wires. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10461-10471	16.4	51
276	Unexpected Interactions between Alkyl Straps and Pyridine Ligands in Sulfur-Strapped Porphyrin Nanorings. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7446-7462	4.2	8
275	Photogenerated triplet states in supramolecular porphyrin ladder assemblies: an EPR study. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 24171-5	3.6	4
274	Photoswitchable Spiropyran Dyads for Biological Imaging. <i>Organic Letters</i> , 2016 , 18, 3666-9	6.2	33
273	Increased luminescence efficiency by synergistic exploitation of lipo/hydrophilic co-solvency and supramolecular design. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10893-10902	7.1	3
272	Synthesis of Five-Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8358-62	16.4	42
271	Organisation and ordering of 1D porphyrin polymers synthesised by on-surface Glaser coupling. <i>Chemical Communications</i> , 2016 , 52, 10342-5	5.8	18
270	Excitation wavelength-dependent EPR study on the influence of the conformation of multiporphyrin arrays on triplet state delocalization. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5275-80	3.6	13
269	Polyne Rotaxanes: Stabilization by Encapsulation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1366-76	16.4	92
268	Experimental and computational evaluation of the barrier to torsional rotation in a butadiyne-linked porphyrin dimer. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5264-74	3.6	51
267	Breaking the Symmetry in Molecular Nanorings. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 332-8	6.4	19
266	Synthesis of Five-Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. <i>Angewandte Chemie</i> , 2016 , 128, 8498-8502	3.6	18
265	Time resolved structural dynamics of butadiyne-linked porphyrin dimers. <i>Structural Dynamics</i> , 2016 , 3, 023608	3.2	8

264	Harnessing NMR relaxation interference effects to characterise supramolecular assemblies. <i>Chemical Communications</i> , 2016 , 52, 7450-3	5.8	5
263	Cooperative Enhancement of Two-Photon Absorption in Self-Assembled Zinc-Porphyrin Nanostructures. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 11663-11670	3.8	20
262	Size-Independent Energy Transfer in Biomimetic Nanoring Complexes. <i>ACS Nano</i> , 2016 , 10, 5933-40	16.7	18
261	Imaging plasma membrane phase behaviour in live cells using a thiophene-based molecular rotor. <i>Chemical Communications</i> , 2016 , 52, 13269-13272	5.8	29
260	Exploring template-bound dinuclear copper porphyrin nanorings by EPR spectroscopy. <i>Chemical Science</i> , 2016 , 7, 6952-6960	9.4	6
259	Nanorings with copper(ii) and zinc(ii) centers: forcing copper porphyrins to bind axial ligands in heterometallated oligomers. <i>Chemical Science</i> , 2016 , 7, 6961-6968	9.4	24
258	Dual mode quantitative imaging of microscopic viscosity using a conjugated porphyrin dimer. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7548-54	3.6	35
257	Thiophene-based dyes for probing membranes. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3792-802	3.9	33
256	Caterpillar Track Complexes in Template-Directed Synthesis and Correlated Molecular Motion. <i>Angewandte Chemie</i> , 2015 , 127, 5445-5449	3.6	34
255	Exploiting the Symmetry of the Resonator Mode to Enhance PELDOR Sensitivity. <i>Applied Magnetic Resonance</i> , 2015 , 46, 359-368	0.8	6
254	Structure-Directed Exciton Dynamics in Templated Molecular Nanorings. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6414-6420	3.8	23
253	Model dyads for 2PA uncaging of a protecting group via photoinduced electron transfer. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 6554-64	3.6	13
252	Graphene-porphyrin single-molecule transistors. <i>Nanoscale</i> , 2015 , 7, 13181-5	7.7	78
251	Unravelling the effect of temperature on viscosity-sensitive fluorescent molecular rotors. <i>Chemical Science</i> , 2015 , 6, 5773-5778	9.4	73
250	Cumulene rotaxanes: stabilization and study of [9]cumulenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6645-9	16.4	71
249	Hopping versus Tunneling Mechanism for Long-Range Electron Transfer in Porphyrin Oligomer Bridged Donor-Acceptor Systems. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 7598-611	3.4	24
248	Triplet state delocalization in a conjugated porphyrin dimer probed by transient electron paramagnetic resonance techniques. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6670-9	16.4	55
247	A Molecular Nanotube with Three-Dimensional EConjugation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7344-8	16.4	77

246	Self-Assembly of Russian Doll Concentric Porphyrin Nanorings. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12713-8	16.4	87
245	Synthesis and investigation of donor-porphyrin-acceptor triads with long-lived photo-induced charge-separate states. <i>Chemical Science</i> , 2015 , 6, 6468-6481	9.4	20
244	A Step Toward Efficient Panchromatic Multi-Chromophoric Sensitizers for Dye Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2015 , 27, 6305-6313	9.6	47
243	Time-Resolved Twisting Dynamics in a Porphyrin Dimer Characterized by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14660-7	3.4	24
242	Six-Coordinate Zinc Porphyrins for Template-Directed Synthesis of Spiro-Fused Nanorings. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14256-9	16.4	67
241	Ultrafast delocalization of excitation in synthetic light-harvesting nanorings. <i>Chemical Science</i> , 2015 , 6, 181-189	9.4	90
240	A Molecular Nanotube with Three-Dimensional π Conjugation. <i>Angewandte Chemie</i> , 2015 , 127, 7452-7456	3.6	27
239	Fluorescence polarization measures energy funneling in single light-harvesting antennas--LH2 vs conjugated polymers. <i>Scientific Reports</i> , 2015 , 5, 15080	4.9	20
238	Cumulen-Rotaxane: Stabilisierung und Charakterisierung von [9]Cumulenen. <i>Angewandte Chemie</i> , 2015 , 127, 6746-6750	3.6	22
237	Two-photon sensitive protecting groups operating intramolecular electron transfer: uncaging of GABA and tryptophan. <i>Chemical Science</i> , 2015 , 6, 2419-2426	9.4	40
236	Transient EPR Reveals Triplet State Delocalization in a Series of Cyclic and Linear π Conjugated Porphyrin Oligomers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8284-93	16.4	49
235	A photoswitchable supramolecular complex with release-and-report capabilities. <i>Chemical Communications</i> , 2015 , 51, 847-50	5.8	23
234	Luminescent properties of a water-soluble conjugated polymer incorporating graphene-oxide quantum dots. <i>ChemPhysChem</i> , 2015 , 16, 1258-62	3.2	18
233	Supramolecular nesting of cyclic polymers. <i>Nature Chemistry</i> , 2015 , 7, 317-22	17.6	85
232	Caterpillar track complexes in template-directed synthesis and correlated molecular motion. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5355-9	16.4	85
231	Full characterization of vibrational coherence in a porphyrin chromophore by two-dimensional electronic spectroscopy. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 95-101	2.8	24
230	HYSORE on Photoexcited Triplet States. <i>Applied Magnetic Resonance</i> , 2015 , 46, 389-409	0.8	5
229	NMDA spikes enhance action potential generation during sensory input. <i>Nature Neuroscience</i> , 2014 , 17, 383-90	25.5	194

228	Height dependent molecular trapping in stacked cyclic porphyrin nanorings. <i>Chemical Communications</i> , 2014 , 50, 7332-5	5.8	8
227	Photo-induced fluorescence quenching in conjugated polymers dispersed in solid matrices at low concentration. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6601-6608	7.1	20
226	Two-photon absorption in butadiyne-linked porphyrin dimers: torsional and substituent effects. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6802-6809	7.1	23
225	Vernier-templated synthesis, crystal structure, and supramolecular chemistry of a 12-porphyrin nanoring. <i>Chemistry - A European Journal</i> , 2014 , 20, 12826-34	4.8	39
224	Synthesis and Photophysics of Coaxial Threaded Molecular Wires: Polyrotaxanes with Triarylamine Jackets. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 4553-4566	3.8	18
223	Cyclodextrin-templated porphyrin nanorings. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7770-7774	36.4	43
222	Ultrafast energy transfer in biomimetic multistrand nanorings. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8217-20	16.4	67
221	Cyclodextrin-Templated Porphyrin Nanorings. <i>Angewandte Chemie</i> , 2014 , 126, 7904-7907	3.6	16
220	Photophysics of threaded sp-carbon chains: the polyene is a sink for singlet and triplet excitation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17996-8008	16.4	27
219	Chromophores in Molecular Nanorings: When Is a Ring a Ring?. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 4356-61	6.4	59
218	A discrete three-layer stack aggregate of a linear porphyrin tetramer: solution-phase structure elucidation by NMR and X-ray scattering. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12798-807	16.4	16
217	Porphyrins for probing electrical potential across lipid bilayer membranes by second harmonic generation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9044-8	16.4	30
216	Amplified spontaneous emission in conjugated polyrotaxanes under quasi-CW pumping. <i>Advanced Materials</i> , 2013 , 25, 4347-51	24	35
215	Inhomogeneous Quenching as a Limit of the Correlation Between Fluorescence Polarization and Conformation of Single Molecules. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 1053-8	6.4	15
214	Role of amorphous and aggregate phases on field-induced exciton dissociation in a conjugated polymer. <i>Physical Review B</i> , 2013 , 87,	3.3	8
213	Excitation polarization provides structural resolution of individual non-blinking nano-objects. <i>Nanoscale</i> , 2013 , 5, 3070-7	7.7	7
212	Synthesis and linear and nonlinear optical properties of low-melting extended porphyrins. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2044	7.1	36
211	Bush-no-pull porphyrins for second harmonic generation imaging. <i>Chemical Science</i> , 2013 , 4, 2024	9.4	23

210	Resonance Raman investigation of Cyclodextrin-encapsulated Conjugated polymers. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 5737-47	3.4	13
209	Cyanine-like dyes with large bond-length alternation. <i>Chemistry - A European Journal</i> , 2013 , 19, 10370-7	4.8	5
208	Mechanical stiffening of porphyrin nanorings through supramolecular columnar stacking. <i>Nano Letters</i> , 2013 , 13, 3391-5	11.5	34
207	Probing the Triplet state coupling to nuclear spins inside and out. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013 , 371, 20120475	3	12
206	Conformational Gating of Charge Separation in Porphyrin Oligomer-Fullerene Systems. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 26482-26492	3.8	11
205	Cyclodextrin insulation prevents static quenching of conjugated polymer fluorescence at the single molecule level. <i>Small</i> , 2013 , 9, 2619-27	11	28
204	Fluorescent polystyrene photonic crystals self-assembled with water-soluble conjugated polyrotaxanes. <i>APL Materials</i> , 2013 , 1, 042116	5.7	14
203	Porphyrins for Probing Electrical Potential Across Lipid Bilayer Membranes by Second Harmonic Generation. <i>Angewandte Chemie</i> , 2013 , 125, 9214-9218	3.6	4
202	Biodistribution and pharmacokinetic studies of a porphyrin dimer photosensitizer (Oxdime) by fluorescence imaging and spectroscopy in mice bearing xenograft tumors. <i>Photochemistry and Photobiology</i> , 2012 , 88, 1531-8	3.6	6
201	Comparison of the conductance of three types of porphyrin-based molecular wires: [meso,]Fused tapes, meso-Butadiyne-linked and twisted meso-meso linked oligomers. <i>Advanced Materials</i> , 2012 , 24, 653-7	24	92
200	Probing the orientational distribution of dyes in membranes through multiphoton microscopy. <i>Biophysical Journal</i> , 2012 , 103, 907-17	2.9	25
199	Strong Wavelength Dependence of Hyperpolarizability in the Near-Infrared Biological Window for Second-Harmonic Generation by Amphiphilic Porphyrins. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13781-13787	3.8	19
198	Self-Assembly of Linear Porphyrin Oligomers into Well-Defined Aggregates. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19630-19635	3.8	20
197	Amplified two-photon absorption in trans-A2B2-porphyrins bearing nitrophenylethynyl substituents. <i>ChemPhysChem</i> , 2012 , 13, 3966-72	3.2	23
196	Ultrafast entangling gates between nuclear spins using photoexcited triplet states. <i>Nature Physics</i> , 2012 , 8, 596-600	16.2	39
195	A panchromatic anthracene-fused porphyrin sensitizer for dye-sensitized solar cells. <i>RSC Advances</i> , 2012 , 2, 6846	3.7	55
194	Effects of the Environment on Charge Transport in Molecular Wires. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 25213-25225	3.8	15
193	A quaterthiophene-based rotaxane: synthesis, spectroscopy, and self-assembly at surfaces. <i>Small</i> , 2012 , 8, 1835-9	11	6

192	Engineering conjugation in para-phenylene-bridged porphyrin tapes. <i>Chemical Science</i> , 2012 , 3, 1541	9.4	63
191	Emission Color Trajectory and White Electroluminescence Through Supramolecular Control of Energy Transfer and Exciplex Formation in Binary Blends of Conjugated Polyrotaxanes. <i>Advanced Functional Materials</i> , 2012 , 22, 4284-4291	15.6	47
190	Two Vernier-Templated Routes to a 24-Porphyrin Nanoring. <i>Angewandte Chemie</i> , 2012 , 124, 6800-6803	3.6	25
189	Two Vernier-templated routes to a 24-porphyrin nanoring. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6696-9	16.4	77
188	Synthesis of polyynes rotaxanes. <i>Organic Letters</i> , 2012 , 14, 3424-6	6.2	76
187	Caged intracellular NMDA receptor blockers for the study of subcellular ion channel function. <i>Communicative and Integrative Biology</i> , 2012 , 5, 240-2	1.7	12
186	Electron Transfer Through Butadiyne-Linked Porphyrin-Based Molecular Wires 2012 , 55-90		
185	Stepwise effective molarities in porphyrin oligomer complexes: preorganization results in exceptionally strong chelate cooperativity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20962-9	16.4	90
184	Linear and cyclic porphyrin hexamers as near-infrared emitters in organic light-emitting diodes. <i>Nano Letters</i> , 2011 , 11, 2451-6	11.5	97
183	A porphyrin fused to four anthracenes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 30-1	16.4	191
182	Belt-shaped π -systems: relating geometry to electronic structure in a six-porphyrin nanoring. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17262-73	16.4	181
181	Vernier templating and synthesis of a 12-porphyrin nano-ring. <i>Nature</i> , 2011 , 469, 72-5	50.4	343
180	Long-range electron tunnelling in oligo-porphyrin molecular wires. <i>Nature Nanotechnology</i> , 2011 , 6, 517-23	23.7	283
179	Electronic and mechanical modification of single-walled carbon nanotubes by binding to porphyrin oligomers. <i>ACS Nano</i> , 2011 , 5, 2307-15	16.7	47
178	Self-Assembled Conjugated Thiophene-Based Rotaxane Architectures: Structural, Computational, and Spectroscopic Insights into Molecular Aggregation. <i>Advanced Functional Materials</i> , 2011 , 21, 834-844	15.6	24
177	Highly polarized emission from oriented films incorporating water-soluble conjugated polymers in a polyvinyl alcohol matrix. <i>Advanced Materials</i> , 2011 , 23, 1855-9	24	24
176	Cyclodextrins: Highly Polarized Emission from Oriented Films Incorporating Water-Soluble Conjugated Polymers in a Polyvinyl Alcohol Matrix (Adv. Mater. 16/2011). <i>Advanced Materials</i> , 2011 , 23, 1804-1804	24	1
175	Noncovalent Binding of Carbon Nanotubes by Porphyrin Oligomers. <i>Angewandte Chemie</i> , 2011 , 123, 2361-2364	3.6	10

174	Alles-oder-Nichts-Kooperativität bei der Selbstorganisation eines Annulene-Sandwichs. <i>Angewandte Chemie</i> , 2011 , 123, 5687-5690	3.6	24
173	Noncovalent binding of carbon nanotubes by porphyrin oligomers. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2313-6	16.4	85
172	All-or-nothing cooperative self-assembly of an annulene sandwich. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5572-5	16.4	55
171	Template-directed synthesis of π -conjugated porphyrin [2]rotaxanes and a [4]catenane based on a six-porphyrin nanoring. <i>Chemical Science</i> , 2011 , 2, 1897	9.4	101
170	Temperature dependence of charge separation and recombination in porphyrin oligomer-fullerene donor-acceptor systems. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9863-71	16.4	45
169	Presynaptic induction and expression of timing-dependent long-term depression demonstrated by compartment-specific photorelease of a use-dependent NMDA receptor antagonist. <i>Journal of Neuroscience</i> , 2011 , 31, 8564-8569	6.6	53
168	Entangling remote nuclear spins linked by a chromophore. <i>Physical Review Letters</i> , 2010 , 104, 200501	7.4	15
167	A cyclic porphyrin trimer as a receptor for fullerenes. <i>Organic Letters</i> , 2010 , 12, 3544-7	6.2	112
166	Extending conjugation in porphyrin dimer carbocations. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3472-9	3.9	9
165	Bis-anthracene fused porphyrins: synthesis, crystal structure, and near-IR absorption. <i>Organic Letters</i> , 2010 , 12, 2124-7	6.2	138
164	Dyes for biological second harmonic generation imaging. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 13484-98	3.6	93
163	Enhanced luminescence properties of highly threaded conjugated polyelectrolytes with potassium counter-ions upon blending with poly(ethylene oxide). <i>Journal of Applied Physics</i> , 2010 , 107, 124509	2.5	15
162	White Electroluminescence by Supramolecular Control of Energy Transfer in Blends of Organic-Soluble Encapsulated Polyfluorenes. <i>Advanced Functional Materials</i> , 2010 , 20, 272-280	15.6	50
161	Ultra-broad optical amplification and two-colour amplified spontaneous emission in binary blends of insulated molecular wires. <i>Advanced Materials</i> , 2010 , 22, 3690-4	24	33
160	A conjugated thiophene-based rotaxane: synthesis, spectroscopy, and modeling. <i>Chemistry - A European Journal</i> , 2010 , 16, 3933-41	4.8	27
159	Conformation and Packing of Porphyrin Polymer Chains Deposited Using Electrospray on a Gold Surface. <i>Angewandte Chemie</i> , 2010 , 122, 9322-9325	3.6	9
158	Photochromic supramolecular memory with nondestructive readout. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1854-7	16.4	108
157	Conformation and packing of porphyrin polymer chains deposited using electrospray on a gold surface. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9136-9	16.4	48

156	Transition voltage spectroscopy of porphyrin molecular wires. <i>Small</i> , 2010 , 6, 2604-11	11	34
155	Photoinduced on-chain charge-separation and ultrafast recombination in a sugar-coated insulated molecular wire. <i>Physical Review B</i> , 2009 , 80,	3.3	16
154	Laser action from a sugar-threaded polyrotaxane. <i>Applied Physics Letters</i> , 2009 , 95, 031108	3.4	21
153	Ultrafast all-optical switching and laser action in rotaxane. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1230, 1		
152	Two-photon absorption and the design of two-photon dyes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3244-66	16.4	1443
151	What is cooperativity?. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7488-99	16.4	622
150	Imaging intracellular viscosity of a single cell during photoinduced cell death. <i>Nature Chemistry</i> , 2009 , 1, 69-73	17.6	448
149	Photophysical properties of an alkyne-bridged bis(zinc porphyrin)-perylene bis(dicarboximide) derivative. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 10826-32	2.8	34
148	Intramolecular rotation in a porphyrin dimer controls singlet oxygen production. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7948-9	16.4	60
147	Synthesis and two-photon spectrum of a bis(porphyrin)-substituted squaraine. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7510-1	16.4	74
146	Probing flexibility in porphyrin-based molecular wires using double electron electron resonance. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13852-9	16.4	64
145	Linear and nonlinear spectroscopy of a porphyrin-squaraine-porphyrin conjugated system. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 14854-67	3.4	38
144	Amphiphilic porphyrins for second harmonic generation imaging. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2758-9	16.4	111
143	Synthesis of hydrophilic conjugated porphyrin dimers for one-photon and two-photon photodynamic therapy at NIR wavelengths. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 874-88	3.9	115
142	Metalloporphyrin polymer with temporally agile, broadband nonlinear absorption for optical limiting in the near infrared. <i>Optics Express</i> , 2009 , 17, 18478-88	3.3	69
141	Mechanism of charge transport along zinc porphyrin-based molecular wires. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5522-9	16.4	56
140	Influence of cyclodextrin size on fluorescence quenching in conjugated polyrotaxanes by methyl viologen in aqueous solution. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2846		34
139	One- and two-photon activated phototoxicity of conjugated porphyrin dimers with high two-photon absorption cross sections. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 897-904	3.9	78

138	Photophysical properties and intracellular imaging of water-soluble porphyrin dimers for two-photon excited photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 889-96	3.9	123
137	A new class of cyanine-like dyes with large bond-length alternation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6099-101	16.4	32
136	Blood-vessel closure using photosensitizers engineered for two-photon excitation. <i>Nature Photonics</i> , 2008 , 2, 420-424	33.9	318
135	Tuning intrachain versus interchain photophysics via control of the threading ratio of conjugated polyrotaxanes. <i>Nano Letters</i> , 2008 , 8, 4546-51	11.5	52
134	Dynamics of excited-state conformational relaxation and electronic delocalization in conjugated porphyrin oligomers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10171-8	16.4	84
133	Single molecule conductance of porphyrin wires with ultralow attenuation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8582-3	16.4	219
132	Stabilisation of a heptamethine cyanine dye by rotaxane encapsulation. <i>Chemical Communications</i> , 2008 , 2897-9	5.8	68
131	Amylose-wrapped luminescent conjugated polymers. <i>Chemical Communications</i> , 2008 , 2797-9	5.8	60
130	Synthesis of End-Functionalized Polyanilines. <i>Macromolecules</i> , 2008 , 41, 9930-9933	5.5	30
129	Expanding the porphyrin pi-system by fusion with anthracene. <i>Organic Letters</i> , 2008 , 10, 3945-7	6.2	120
128	Enhanced pi conjugation around a porphyrin[6] nanoring. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4993-6	16.4	166
127	Porphyrin dimer carbocations with strong near infrared absorption and third-order optical nonlinearity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7095-8	16.4	68
126	Cyclodextrin-Threaded Conjugated Polyrotaxanes for Organic Electronics: The Influence of the Counter Cations. <i>Advanced Functional Materials</i> , 2008 , 18, 2419-2427	15.6	35
125	Synthesis and Optoelectronic Properties of Nonpolar Polyrotaxane Insulated Molecular Wires with High Solubility in Organic Solvents. <i>Advanced Functional Materials</i> , 2008 , 18, 3367-3376	15.6	40
124	Control of Rapid Formation of Interchain Excited States in Sugar-Threaded Supramolecular Wires. <i>Advanced Materials</i> , 2008 , 20, 3218-3223	24	46
123	A cyclodextrin-insulated anthracene rotaxane with enhanced fluorescence and photostability. <i>Chemical Communications</i> , 2007 , 2387-9	5.8	44
122	Three-step synthesis of end-substituted pentacenes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9776-8	4.2	26
121	Radical cation stabilization in a cucurbituril oligoaniline rotaxane. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12384-5	16.4	75

120	Photophysics of a Butadiyne-Linked Porphyrin Dimer: Influence of Conformational Flexibility in the Ground and First Singlet Excited State. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 7192-7199	3.8	131
119	Control of electron transfer in a conjugated porphyrin dimer by selective excitation of planar and perpendicular conformers. <i>Chemistry - A European Journal</i> , 2007 , 13, 7385-94	4.8	34
118	Insulated molecular wires. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1028-64	16.4	528
117	Template-directed synthesis of a pi-conjugated porphyrin nanoring. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3122-5	16.4	174
116	Solid-phase synthesis of oligo(phenylene ethynylene) rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6845-8	16.4	33
115	Phase Segregation in Thin Films of Conjugated Polyrotaxane/Poly(ethylene oxide) Blends: A Scanning Force Microscopy Study. <i>Advanced Functional Materials</i> , 2007 , 17, 927-932	15.6	16
114	Quantitative in vitro demonstration of two-photon photodynamic therapy using photofrin and visudyne. <i>Photochemistry and Photobiology</i> , 2007 , 83, 1441-8	3.6	106
113	Intermolecular interaction effects on the ultrafast depolarization of the optical emission from conjugated polymers. <i>Physical Review Letters</i> , 2007 , 98, 027402	7.4	52
112	Probing the efficiency of electron transfer through porphyrin-based molecular wires. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4291-7	16.4	180
111	Determination of the triplet state energies of a series of conjugated porphyrin oligomers. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 675-82	4.2	40
110	Metal-driven ligand assembly in the synthesis of cyclodextrin [2] and [3]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 457-62	3.9	28
109	Synthesis and near-infrared luminescence of a deuterated conjugated porphyrin dimer for probing the mechanism of non-radiative deactivation. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1056-61	3.9	21
108	Supramolecular control of charge transport in molecular wires. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13370-1	16.4	88
107	Enzymatic synthesis and photoswitchable enzymatic cleavage of a peptide-linked rotaxane. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1596-9	16.4	65
106	Enzymatic Synthesis and Photoswitchable Enzymatic Cleavage of a Peptide-Linked Rotaxane. <i>Angewandte Chemie</i> , 2006 , 118, 1626-1629	3.6	19
105	Towards Complex Functions from Complex Materials. <i>Advanced Materials</i> , 2006 , 18, 1235-1238	24	12
104	In vitro studies of the efficiency of two-photon activation of photodynamic therapy agents 2006 ,		3
103	Photoexcitation dynamics in thin films of insulated molecular wires. <i>Applied Physics Letters</i> , 2006 , 89, 232110	3.4	14

102	Strong cooperative enhancement of two-photon absorption in double-strand conjugated porphyrin ladder arrays. <i>Journal of the American Chemical Society</i> , 2006 , 128, 12432-3	16.4	184
101	Homo- and hetero-[3]rotaxanes with two pi-systems clasped in a single macrocycle. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15374-5	16.4	107
100	Synthesis and crystal structure of a push-pull quinoidal porphyrin: a nanoporous framework assembled from cyclic trimer aggregates. <i>Chemical Communications</i> , 2005 , 2433-5	5.8	25
99	Extremely strong near-IR two-photon absorption in conjugated porphyrin dimers: quantitative description with three-essential-states model. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 7223-36	3.4	233
98	Synthesis, crystal structure, and nonlinear optical behavior of beta-unsubstituted meso-meso E-vinylene-linked porphyrin dimers. <i>Organic Letters</i> , 2005 , 7, 5365-8	6.2	84
97	Supramolecular Complexes of Conjugated Polyelectrolytes with Poly(ethylene oxide): Multifunctional Luminescent Semiconductors Exhibiting Electronic and Ionic Transport. <i>Advanced Materials</i> , 2005 , 17, 2659-2663	24	78
96	2-[(Dimethylamino)(phenyl)methyl]benzoic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o2502-o2503		
95	Synthesis of Nanowalled Polymer Microtubes Using Glass Fiber Templates. <i>Advanced Functional Materials</i> , 2004 , 14, 851-855	15.6	8
94	Dramatic enhancement of intrinsic two-photon absorption in a conjugated porphyrin dimer. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 7	3.6	99
93	Synthesis of poly(para-phenylenevinylene) rotaxanes by aqueous Suzuki coupling. <i>Chemical Communications</i> , 2004 , 56-7	5.8	73
92	Understanding strong two-photon absorption in pi-conjugated porphyrin dimers via double-resonance enhancement in a three-level model. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15352-3	16.4	241
91	Chemistry. Polymers get organized. <i>Science</i> , 2003 , 302, 1904-5	33.3	102
90	Synthesis of conjugated polyrotaxanes. <i>Chemistry - A European Journal</i> , 2003 , 9, 6167-76	4.8	143
89	Photon energy upconversion in porphyrins: one-photon hot-band absorption versus two-photon absorption. <i>Chemical Physics Letters</i> , 2003 , 370, 690-699	2.5	58
88	N,N'-Bis(4-iodophenyl)diazeneN-oxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o1022-o1024		
87	Mono-BBN (9-borabicyclo[3.3.1]nonane) adduct of bis(diethylglyoximato)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m745-m747		
86	Synthesis and crystal structure of a meso-trialkynyl[28]hexaphyrin. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3639-41	3.9	19
85	Contracted and expanded meso-alkynyl porphyrinoids: from triphyrin to hexaphyrin. <i>Journal of Organic Chemistry</i> , 2003 , 68, 1089-96	4.2	107

84	Surfaces designed for charge reversal. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6428-33	16.4	46
83	Two methods for amplifying the optical nonlinearity of a conjugated porphyrin polymer: transmetallation and self-assembly. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2796-2808		85
82	Hindered fluorescence quenching in an insulated molecular wire. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3851-6	3.9	42
81	Unidirectional Photoinduced Shuttling in a Rotaxane with a Symmetric Stilbene Dumbbell. <i>Angewandte Chemie</i> , 2002 , 114, 1847-1850	3.6	49
80	Unidirectional photoinduced shuttling in a rotaxane with a symmetric stilbene dumbbell. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1769-72	16.4	183
79	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. <i>Nature Materials</i> , 2002 , 1, 160-4	27	419
78	Amplified optical nonlinearity in a self-assembled double-strand conjugated porphyrin polymer ladder. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9712-3	16.4	202
77	Fusion and planarization of a quinoidal porphyrin dimer. <i>Chemical Communications</i> , 2002 , 1662-3	5.8	56
76	Making conjugated connections to porphyrins: a comparison of alkyne, alkene, imine and azo links. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 320-329		81
75	Rotaxane-Encapsulation Enhances the Stability of an Azo Dye, in Solution and when Bonded to Cellulose. <i>Angewandte Chemie</i> , 2001 , 113, 1105-1108	3.6	36
74	Rotaxane-Encapsulation Enhances the Stability of an Azo Dye, in Solution and when Bonded to Cellulose This work was supported by the Engineering and Physical Sciences Research Council (UK) and by BASF plc.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1071-1074	16.4	110
73	Meso-Tetra-Alkynyl Porphyrins for Optical Limiting A Survey of Group III and IV Metal Complexes. <i>Advanced Materials</i> , 2001 , 13, 652-656	24	95
72	Photoexcitations of Covalently Bridged Zinc Porphyrin Oligomers: Frenkel versus Wannier-Mott Type Excitons. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 97-104	3.4	60
71	Synthesis of fluorescent stilbene and tolan rotaxanes by Suzuki coupling. <i>Chemical Communications</i> , 2001 , 493-494	5.8	76
70	Synthesis and third order nonlinear optics of a new soluble conjugated porphyrin polymer. <i>Journal of Materials Chemistry</i> , 2001 , 11, 312-320		102
69	Enhanced chemical reversibility of redox processes in cyanine dye rotaxanes. <i>Chemical Communications</i> , 2001 , 1046-1047	5.8	48
68	Synthesis and Crystal Structure of a Cumulenic Quinoidal Porphyrin Dimer with Strong Electronic Absorption in the Infrared We thank the Engineering and Physical Sciences Research Council (UK) and the Defence Evaluation and Research Agency (DERA, UK) for support and the EPSRC Mass Spectrometry Service in Swansea for FAB mass spectra. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2451-2453	16.4	60
67	Building Photogenic Molecules Molecules Made for Direct Individual Observation. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2451-2453	16.4	15

66	Insulated Molecular Wires: Synthesis of Conjugated Polyrotaxanes by Suzuki Coupling in Water We are grateful to Carol A. Stanier for valuable discussion and to Professor Christopher J. Schofield for providing facilities for gel electrophoresis. Disodium 1-aminonaphthalene-3,6-disulfonate was generously provided by Dr. M. G. Hutchings of BASF plc (Cheadle Hulme, UK). This project is funded by the EPSRC.	16.4	216
65	THE NONLINEAR OPTICAL CHARACTERIZATION OF MESO-SUBSTITUTED PORPHYRIN DYES. <i>International Journal of Nonlinear Optical Physics and Materials</i> , 2000 , 09, 451-468	0.8	55
64	Rotaxane-encapsulated cyanine dyes: enhanced fluorescence efficiency and photostability. <i>Chemical Communications</i> , 2000 , 905-906	5.8	114
63	Excitonic Interactions in the Singlet and Triplet Excited States of Covalently Linked Zinc Porphyrin Dimers. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1749-1757	16.4	90
62	Large Third-Order Electronic Polarizability of a Conjugated Porphyrin Polymer. <i>Journal of the American Chemical Society</i> , 2000 , 122, 339-347	16.4	108
61	Degenerate four-wave mixing studies of butadiyne-linked conjugated porphyrin oligomers. <i>Chemical Physics</i> , 1999 , 248, 181-193	2.3	49
60	A conjugated triple strand porphyrin array. <i>Chemical Communications</i> , 1999 , 1539-1540	5.8	87
59	Water-soluble macrocyclic receptors for small neutral guests. <i>New Journal of Chemistry</i> , 1999 , 23, 1245-1252	12.5	14
58	Building molecular wires from the colours of life: conjugated porphyrin oligomers. <i>Chemical Communications</i> , 1999 , 2323-2330	5.8	477
57	Synthesis of a cyclodextrin azo dye [3]rotaxane as a single isomer. <i>Chemical Communications</i> , 1999 , 1537-1538	5.8	49
56	Cooperative Self-Assembly of Double-Strand Conjugated Porphyrin Ladders. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11538-11545	16.4	336
55	Enhanced Electronic Conjugation in Anthracene-Linked Porphyrins. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 986-989	16.4	121
54	5,15-Bis(3,5-di-tert-butylphenyl)-10,20-bis(trimethylsilylethynyl)porphyrin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 662-664		3
53	Optical limiting properties of a zinc porphyrin polymer and its dimer and monomer model compounds. <i>Chemical Physics</i> , 1998 , 231, 87-94	2.3	81
52	Crystal structure of an azo dye rotaxane. <i>Chemical Communications</i> , 1998 , 2379-2380	5.8	14
51	An approach to insulated molecular wires: synthesis of water-soluble conjugated rotaxanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2383-2398		64
50	meso-Tetraalkynylporphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 1607-1612		38
49	Conjugated porphyrin oligomers from monomer to hexamer. <i>Chemical Communications</i> , 1998 , 909-910	5.8	130

48	Synthesis, Crystal Structure, and Electronic Structure of a 5,15-Dialkylideneporphyrin: A TCNQ/Porphyrin Hybrid. <i>Journal of the American Chemical Society</i> , 1998 , 120, 10764-10765	16.4	59
47	Enhanced Electronic Conjugation in Anthracene-Linked Porphyrins 1998 , 37, 986		2
46	Chelation of diamine ligands to zinc porphyrin monolayers amide-linked to glass. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 2581-2586		26
45	Investigation of the linear and nonlinear optical response of edge-linked conjugated zinc porphyrin oligomers by optical spectroscopy and configuration interaction techniques. <i>Journal of Chemical Physics</i> , 1997 , 106, 9439-9460	3.9	86
44	Optical detection of chlorine gas using LB films of a zinc porphyrin dimer. <i>Supramolecular Science</i> , 1997 , 4, 503-508		16
43	Azo-Dye Rotaxanes. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1310-1313		82
42	Azofarbstoff-Rotaxane. <i>Angewandte Chemie</i> , 1997 , 109, 1367-1370	3.6	20
41	Photo-induced charge separation on conjugated porphyrin chains. <i>Chemical Physics Letters</i> , 1997 , 266, 70-74	2.5	16
40	Direct Routes to 5,15-Diaryl-10,20-Diethynyl Porphyrins from Pyrrole. <i>Synlett</i> , 1996 , 1996, 1039-1040	2.2	23
39	Femtosecond transient photoinduced transmission measurements on a novel conjugated zinc porphyrin system. <i>Journal of Chemical Physics</i> , 1996 , 104, 805-811	3.9	47
38	Optical properties of edge-linked polymer porphyrin LB films. <i>Thin Solid Films</i> , 1996 , 284-285, 648-651	2.2	9
37	Synthese eines wasserlöslichen, konjugierten [3]Rotaxans. <i>Angewandte Chemie</i> , 1996 , 108, 2075-2078	3.6	24
36	Synthesis of a Water-Soluble Conjugated [3]Rotaxane. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1956-1959		71
35	Fullerene-acetylene hybrids: Towards a novel class of molecular carbon allotropes. <i>Tetrahedron</i> , 1996 , 52, 4925-4947	2.4	78
34	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> , 1995 , 2247		35
33	Enzyme mimics based on cyclic porphyrin oligomers: strategy, design and exploratory synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2223		46
32	The roles of templates in the syntheses of porphyrin oligomers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2255		39
31	Octatetrayne-linked porphyrins: stretched cyclic dimers and trimers with very spacious cavities. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2275-2279		39

- 30 A platinum-linked porphyrin trimer and a complementary aluminium tris[3-(4-pyridyl)acetylacetonate] guest. *Journal of the Chemical Society Perkin Transactions 1*, **1995**, 2269 40
- 29 Ligand binding by butadiyne-linked porphyrin dimers, trimers and tetramers. *Journal of the Chemical Society Perkin Transactions 1*, **1995**, 2231 127
- 28 Selbstassoziation und Struktur einer photoaktiven Anordnung von fünf Porphyrinen. *Angewandte Chemie*, **1995**, 107, 1196-1200 3.6 33
- 27 Assembly and Crystal Structure of a Photoactive Array of Five Porphyrins. *Angewandte Chemie International Edition in English*, **1995**, 34, 1096-1099 136
- 26 Electrochemistry of Mono- through Hexakis-adducts of C₆₀. *Helvetica Chimica Acta*, **1995**, 78, 1334-1344 96
- 25 Crystal Structure of a Supramolecular Dimer Formed by π -Interactions between Two Interlocked Cyclic Zinc Porphyrin Trimers. *Angewandte Chemie International Edition in English*, **1994**, 33, 429-431 44
- 24 Synthesis and Third-Order Nonlinear Optical Properties of a Conjugated Porphyrin Polymer. *Angewandte Chemie International Edition in English*, **1994**, 33, 655-657 223
- 23 Fullerene-Acetylene Hybrids: On the Way to Synthetic Molecular Carbon Allotropes. *Angewandte Chemie International Edition in English*, **1994**, 33, 1366-1368 90
- 22 61,61-Bis(trimethylsilylbutadiynyl)-1,2-dihydro-1,2-methanofullerene[60]: Crystal Structure at 100 K and Electrochemical Conversion to a Conducting Polymer. *Angewandte Chemie International Edition in English*, **1994**, 33, 1628-1632 67
- 21 Supramolecular orientation of conjugated porphyrin oligomers in stretched polymers. *Advanced Materials*, **1994**, 6, 834-836 24 22
- 20 Kristallstruktur eines durch π -Wechselwirkungen zwischen zwei ineinandergehakten cyclischen Zinkporphyrin-Trimeren gebildeten supramolekularen Dimers. *Angewandte Chemie*, **1994**, 106, 445-447 3.6 17
- 19 Synthese und nichtlineare optische Eigenschaften dritter Ordnung eines konjugierten Porphyrinpolymers. *Angewandte Chemie*, **1994**, 106, 711-713 3.6 44
- 18 Fulleren-Acetylen-Hybride: auf dem Weg zu neuen, synthetischen molekularen Kohlenstoffallotropen. *Angewandte Chemie*, **1994**, 106, 1427-1429 3.6 23
- 17 61,61-Bis(trimethylsilylbutadiynyl)-1,2-dihydro-1,2-methanofulleren[60]: Kristallstruktur bei 100 K und elektrochemische Umwandlung in ein leitfähiges Polymer. *Angewandte Chemie*, **1994**, 106, 1691-1694 3.6 23
- 16 Quadratic electro-optic non-linearity of a conjugated porphyrin polymer measured in the Q-band one-photon resonance region. *Advanced Materials for Optics and Electronics*, **1994**, 4, 277-283 16
- 15 Conjugated Porphyrin Ladders. *Inorganic Chemistry*, **1994**, 33, 972-981 5.1 378
- 14 Photophysical and Transport Properties of a Novel Soluble Conjugated Polymer Based on Zn-Porphyrin Units Edge-Linked by Acetylenic Spacers. *Molecular Crystals and Liquid Crystals*, **1994**, 256, 415-422 8
- 13 Quadratic Electro-Optic Response of a Conjugated Porphyrin Polymer. *Molecular Crystals and Liquid Crystals*, **1994**, 256, 649-655 6

12	Expanding roles for templates in synthesis. <i>Accounts of Chemical Research</i> , 1993 , 26, 469-475	24.3	584
11	exo-Selective acceleration of an intermolecular Diels-Alder reaction by a trimeric porphyrin host. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 458-460		77
10	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> , 1992 , 946		21
9	A platinum-linked cyclic porphyrin trimer. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 43		35
8	Meso-alkynyl porphyrins. <i>Tetrahedron Letters</i> , 1992 , 33, 1101-1104	2	84
7	Scavenger Templates: Synthesis and Electrospray Mass Spectrometry of a Linear Porphyrin Octamer. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 907-910		63
6	Amine-Template-Directed Synthesis of Cyclic Porphyrin Oligomers. <i>Angewandte Chemie International Edition in English</i> , 1990 , 29, 1400-1403		115
5	Synthese cyclischer Porphyrin-Oligomere mit Aminen als Templaten. <i>Angewandte Chemie</i> , 1990 , 102, 1478-1480	3.6	31
4	Thermodynamics of induced-fit binding inside polymacrocyclic porphyrin hosts. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5780-5789	16.4	159
3	Assembly of a photoactive supramolecule using porphyrin co-ordination chemistry. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 226		38
2	Synthesis of a cyclic porphyrin trimer with a semi-rigid cavity. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1714		56
1	Templates in Organic Synthesis: Definitions and Roles 1-38		3