Harry Anderson

List of Publications by Citations

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	Two-photon absorption and the design of two-photon dyes. *Angewandte Chemie - International Edition*, **2009**, 48, 3244-66	16.4	1443
352	What is cooperativity?. *Angewandte Chemie - International Edition*, **2009**, 48, 7488-99	16.4	622
351	Expanding roles for templates in synthesis. *Accounts of Chemical Research*, **1993**, 26, 469-475	24.3	584
350	Insulated molecular wires. *Angewandte Chemie - International Edition*, **2007**, 46, 1028-64	16.4	528
349	Building molecular wires from the colours of life: conjugated porphyrin oligomers. *Chemical Communications*, **1999**, 2323-2330	5.8	477
348	Imaging intracellular viscosity of a single cell during photoinduced cell death. *Nature Chemistry*, **2009**, 1, 69-73	17.6	448
347	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. *Nature Materials*, **2002**, 1, 160-4	27	419
346	Conjugated Porphyrin Ladders. *Inorganic Chemistry*, **1994**, 33, 972-981	5.1	378
345	Vernier templating and synthesis of a 12-porphyrin nano-ring. *Nature*, **2011**, 469, 72-5	50.4	343
344	Cooperative Self-Assembly of Double-Strand Conjugated Porphyrin Ladders. *Journal of the American Chemical Society*, **1999**, 121, 11538-11545	16.4	336
343	Blood-vessel closure using photosensitizers engineered for two-photon excitation. *Nature Photonics*, **2008**, 2, 420-424	33.9	318
342	Long-range electron tunnelling in oligo-porphyrin molecular wires. *Nature Nanotechnology*, **2011**, 6, 517-23	28.7	283
341	Understanding strong two-photon absorption in pi-conjugated porphyrin dimers via double-resonance enhancement in a three-level model. *Journal of the American Chemical Society*, **2004**, 126, 15352-3	16.4	241
340	An sp-hybridized molecular carbon allotrope, cyclo[18]carbon. *Science*, **2019**, 365, 1299-1301	33.3	235
339	Extremely strong near-IR two-photon absorption in conjugated porphyrin dimers: quantitative description with three-essential-states model. *Journal of Physical Chemistry B*, **2005**, 109, 7223-36	3.4	233
338	Synthesis and Third-Order Nonlinear Optical Properties of a Conjugated Porphyrin Polymer. *Angewandte Chemie International Edition in English*, **1994**, 33, 655-657		223
337	Single molecule conductance of porphyrin wires with ultralow attenuation. *Journal of the American Chemical Society*, **2008**, 130, 8582-3	16.4	219

336	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	16.4	216
335	Amplified optical nonlinearity in a self-assembled double-strand conjugated porphyrin polymer ladder. *Journal of the American Chemical Society*, **2002**, 124, 9712-3	16.4	202
334	NMDA spikes enhance action potential generation during sensory input. *Nature Neuroscience*, **2014**, 17, 383-90	25.5	194
333	A porphyrin fused to four anthracenes. *Journal of the American Chemical Society*, **2011**, 133, 30-1	16.4	191
332	Strong cooperative enhancement of two-photon absorption in double-strand conjugated porphyrin ladder arrays. *Journal of the American Chemical Society*, **2006**, 128, 12432-3	16.4	184
331	Unidirectional photoinduced shuttling in a rotaxane with a symmetric stilbene dumbbell. *Angewandte Chemie - International Edition*, **2002**, 41, 1769-72	16.4	183
330	Belt-shaped systems: relating geometry to electronic structure in a six-porphyrin nanoring. *Journal of the American Chemical Society*, **2011**, 133, 17262-73	16.4	181
329	Probing the efficiency of electron transfer through porphyrin-based molecular wires. *Journal of the American Chemical Society*, **2007**, 129, 4291-7	16.4	180
328	Template-directed synthesis of a pi-conjugated porphyrin nanoring. *Angewandte Chemie - International Edition*, **2007**, 46, 3122-5	16.4	174
327	Enhanced pi conjugation around a porphyrin[6] nanoring. *Angewandte Chemie - International Edition* , **2008**, 47, 4993-6	16.4	166
326	Thermodynamics of induced-fit binding inside polymacrocyclic porphyrin hosts. *Journal of the American Chemical Society*, **1990**, 112, 5780-5789	16.4	159
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324	Synthesis of conjugated polyrotaxanes. *Chemistry - A European Journal*, **2003**, 9, 6167-76	4.8	143
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322	Assembly and Crystal Structure of a Photoactive Array of Five Porphyrins. *Angewandte Chemie International Edition in English*, **1995**, 34, 1096-1099		136
321	Photophysics of a Butadiyne-Linked Porphyrin Dimer: Influence of Conformational Flexibility in the Ground and First Singlet Excited State. *Journal of Physical Chemistry C*, **2007**, 111, 7192-7199	3.8	131
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318	Photophysical properties and intracellular imaging of water-soluble porphyrin dimers for two-photon excited photodynamic therapy. *Organic and Biomolecular Chemistry*, **2009**, 7, 889-96	3.9	123
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316	Expanding the porphyrin pi-system by fusion with anthracene. *Organic Letters*, **2008**, 10, 3945-7	6.2	120
315	Synthesis of hydrophilic conjugated porphyrin dimers for one-photon and two-photon photodynamic therapy at NIR wavelengths. *Organic and Biomolecular Chemistry*, **2009**, 7, 874-88	3.9	115
314	Amine-Template-Directed Synthesis of Cyclic Porphyrin Oligomers. *Angewandte Chemie International Edition in English*, **1990**, 29, 1400-1403		115
313	Rotaxane-encapsulated cyanine dyes: enhanced fluorescence efficiency and photostability. *Chemical Communications*, **2000**, 905-906	5.8	114
312	A cyclic porphyrin trimer as a receptor for fullerenes. *Organic Letters*, **2010**, 12, 3544-7	6.2	112
311	Amphiphilic porphyrins for second harmonic generation imaging. *Journal of the American Chemical Society*, **2009**, 131, 2758-9	16.4	111
310	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.. *Angewandte Chemie - International Edition*, **2001**, 40, 1071-1074	16.4	110
309	Photochromic supramolecular memory with nondestructive readout. *Angewandte Chemie - International Edition*, **2010**, 49, 1854-7	16.4	108
308	Large Third-Order Electronic Polarizability of a Conjugated Porphyrin Polymer. *Journal of the American Chemical Society*, **2000**, 122, 339-347	16.4	108
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306	Contracted and expanded meso-alkynyl porphyrinoids: from triphyrin to hexaphyrin. *Journal of Organic Chemistry*, **2003**, 68, 1089-96	4.2	107
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303	Chemistry. Polymers get organized. *Science*, **2003**, 302, 1904-5	33.3	102
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List of Publications

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