

Patrick G Harran

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,946
citations

279798

23
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

2925
citing authors

#	ARTICLE	IF	CITATIONS
1	A Small Molecule Smac Mimic Potentiates TRAIL- and TNF α -Mediated Cell Death. <i>Science</i> , 2004, 305, 1471-1474.	12.6	643
2	Autocrine TNF α Signaling Renders Human Cancer Cells Susceptible to Smac-Mimetic-Induced Apoptosis. <i>Cancer Cell</i> , 2007, 12, 445-456.	16.8	559
3	A Concise and Flexible Total Synthesis of (β)-Diazonamide A. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4961-4966.	13.8	219
4	Total Synthesis of Nominal Diazonamides-Part 2: On the True Structure and Origin of Natural Isolates. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4770-4773.	13.8	176
5	Total Synthesis of Nominal Diazonamides-Part 1: Convergent Preparation of the Structure Proposed for (β)-Diazonamide A. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4765-4769.	13.8	151
6	Electrolytic Macrocyclizations: Scalable Synthesis of a Diazonamide-Based Drug Development Candidate. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4818-4822.	13.8	123
7	Diazonamide toxins reveal an unexpected function for ornithine β -amino transferase in mitotic cell division. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2068-2073.	7.1	122
8	Small-molecule activation of the TRAIL receptor DR5 in human cancer cells. <i>Nature Chemical Biology</i> , 2013, 9, 84-89.	8.0	99
9	Spirocycloisomerization of Tethered Alkylidene Glycoamidines: Synthesis of a Base Template Common to the Palau'amine Family of Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 765-769.	13.8	76
10	Therapeutic anticancer efficacy of a synthetic diazonamide analog in the absence of overt toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2074-2079.	7.1	62
11	Exploring the Boundaries of "Practical" De Novo Syntheses of Complex Natural Product-Based Drug Candidates. <i>Chemical Reviews</i> , 2017, 117, 11994-12051.	47.7	59
12	Template-constrained macrocyclic peptides prepared from native, unprotected precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3753-60.	7.1	51
13	Exploring Symmetry-Based Logic for a Synthesis of Palau'amine. <i>Journal of Organic Chemistry</i> , 2009, 74, 5909-5919.	3.2	42
14	The synthetic diazonamide DZ-2384 has distinct effects on microtubule curvature and dynamics without neurotoxicity. <i>Science Translational Medicine</i> , 2016, 8, 365ra159.	12.4	42
15	Modular Access to Complex Prodiginines: Total Synthesis of (+)-Roseophilin via its 2-Azafulvene Prototropisomer. <i>Journal of the American Chemical Society</i> , 2013, 135, 3788-3791.	13.7	39
16	Unconventional Fragment Usage Enables a Concise Total Synthesis of (β)-Callyspongiolide. <i>Journal of the American Chemical Society</i> , 2018, 140, 1280-1284.	13.7	33
17	Synthetic (β)-Axinellamines Deficient in Halogen. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4340-4343.	13.8	32
18	Template-induced macrocycle diversity through large ring-forming alkylations of tryptophan. <i>Tetrahedron</i> , 2013, 69, 7683-7691.	1.9	27

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19	Large ring-forming alkylations provide facile access to composite macrocycles. <i>Chemical Science</i> , 2015, 6, 2219-2223.	7.4	20
20	Substituted 2,2- ϵ^2 -bipyrroles and pyrrolylfurans via intermediate isoxazolylpyrroles. <i>Tetrahedron Letters</i> , 2013, 54, 2645-2647.	1.4	18
21	Acid Promoted Cinnamyl Ion Mobility within Peptide Derived Macrocycles. <i>Journal of the American Chemical Society</i> , 2008, 130, 13864-13866.	13.7	17
22	Total synthesis of ageliferin via acyl N-amidinyliminium ion rearrangement. <i>Chemical Science</i> , 2013, 4, 303-306.	7.4	17
23	On the prevalence of bridged macrocyclic pyrroloindolines formed in regiodivergent alkylations of tryptophan. <i>Chemical Science</i> , 2016, 7, 4158-4166.	7.4	14
24	Methods to initiate synthetic re-structuring of peptides. <i>Tetrahedron</i> , 2003, 59, 8947-8954.	1.9	11
25	Anomalous Chromophore Disruption Enables an Eight-Step Synthesis and Stereochemical Reassignment of (+)-Marineosin A. <i>Journal of the American Chemical Society</i> , 2019, 141, 2274-2278.	13.7	10
26	Synthesis of a designed sesquiterpenoid that forms useful composites with peptides and related oligomers. <i>Tetrahedron Letters</i> , 2011, 52, 653-654.	1.4	8
27	Assembly of Complex Macrocycles by Incrementally Amalgamating Unprotected Peptides with a Designed Four-Armed Insert. <i>Journal of Organic Chemistry</i> , 2018, 83, 3090-3108.	3.2	8
28	Computational generation of an annotated gigalibrary of synthesizable, composite peptidic macrocycles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24679-24690.	7.1	7
29	Cascading Auto-oxidative Biproline Guanylations Form Optically Active Dispacamide Dimers and Permit an Eight-Step Synthesis of (α^*)-Ageliferin. <i>Journal of Organic Chemistry</i> , 2018, 83, 7231-7238.	3.2	6
30	Syntheses of Atypically Fluorinated Peptidyl Macrocycles through Sequential Vinylic Substitutions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 674-678.	13.8	6
31	Callyspongiolide Is a Potent Inhibitor of the Vacuolar ATPase. <i>Journal of Natural Products</i> , 2020, 83, 3381-3386.	3.0	6
32	Tailored fragments of roseophilin selectively antagonize Mcl-1 in vitro. <i>Tetrahedron Letters</i> , 2015, 56, 3612-3616.	1.4	5
33	Photorearrangement of [8]-2,6-Pyridinophane <i>N</i> -Oxide. <i>Journal of the American Chemical Society</i> , 2020, 142, 20717-20724.	13.7	5
34	Asymmetric Organocatalysis Enables Rapid Assembly of Portimine Precursor Chains. <i>Organic Letters</i> , 2022, 24, 2607-2612.	4.6	3
35	Sulfane transalkylations and metal catalyzed allylic substitutions for the synthesis of composite macrobicyclic peptides. <i>Tetrahedron Letters</i> , 2020, 61, 151986.	1.4	2
36	In Search of Small Molecules That Selectively Inhibit MBOAT4. <i>Molecules</i> , 2021, 26, 7599.	3.8	2

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37	Syntheses of Atypically Fluorinated Peptidyl Macrocycles through Sequential Vinylic Substitutions. <i>Angewandte Chemie</i> , 2020, 132, 684-688.	2.0	1
38	Catalytic synthesis of PEGylated EGCG conjugates that disaggregate Alzheimer's tau. <i>Synthesis</i> , 0, 53, .	2.3	1
39	Re-visiting the diastereoselectivity of organocatalytic conjugate addition of 2-trimethylsiloxyfuran to trans-crotonaldehyde. <i>Tetrahedron Letters</i> , 2021, 72, 153056.	1.4	1
40	Syntheses of hybrid cyclopeptidyl [n]sulfanes by internal alkyl group exchange. <i>Tetrahedron Letters</i> , 2020, 61, 151985.	1.4	1