

Richard E Taylor

List of Publications by Year in descending order

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42
papers

1,212
citations

394421

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all docs

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docs citations

46
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacologic modulation of RNA splicing enhances anti-tumor immunity. <i>Cell</i> , 2021, 184, 4032-4047.e31.	28.9	131
2	Synthetic Methodology for the Construction of Structurally Diverse Cyclopropanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 2964-2969.	13.7	81
3	Conformation ^â Activity Relationships in Polyketide Natural Products: A New Perspective on the Rational Design of Epothilone Analogues. <i>Journal of the American Chemical Society</i> , 2003, 125, 26-27.	13.7	75
4	Conformational Properties of Epothilone. <i>Journal of Organic Chemistry</i> , 1999, 64, 7224-7228.	3.2	73
5	Concise Enantioselective Total Synthesis of Neopeltolide Macrolactone Highlighted by Ether Transfer. <i>Organic Letters</i> , 2008, 10, 5047-5050.	4.6	71
6	Total Synthesis of Epothilones B and D. <i>Organic Letters</i> , 2001, 3, 2221-2224.	4.6	69
7	Toward a Total Synthesis of Peloruside A: Enantioselective Preparation of the C8 ^â C19 Region. <i>Organic Letters</i> , 2003, 5, 4959-4961.	4.6	54
8	A Divergent Approach to the Myriaporones and Tedanolide: Completion of the Carbon Skeleton of Myriaporone 1. <i>Organic Letters</i> , 2002, 4, 2953-2955.	4.6	48
9	Conformation ^â activity relationships of polyketide natural products. <i>Natural Product Reports</i> , 2015, 32, 1183-1206.	10.3	47
10	Brain glycogen serves as a critical glucosamine cache required for protein glycosylation. <i>Cell Metabolism</i> , 2021, 33, 1404-1417.e9.	16.2	47
11	Conformation ^â activity relationships in polyketide natural products. Towards the biologically active conformation of epothilone. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 127-132.	2.8	44
12	Oligocyclopropane Structural Units from Cationic Intermediates. <i>Organic Letters</i> , 1999, 1, 1257-1260.	4.6	37
13	A Formal Total Synthesis of Epothilone A: Enantioselective Preparation of the C1 ^â C6 and C7 ^â C12 Fragments. <i>Journal of Organic Chemistry</i> , 1998, 63, 9580-9583.	3.2	32
14	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
15	Tedanolide and the evolution of polyketide inhibitors of eukaryotic protein synthesis. <i>Natural Product Reports</i> , 2008, 25, 854.	10.3	30
16	Elucidation of Gephyronic Acid Biosynthetic Pathway Revealed Unexpected SAM-Dependent Methylations. <i>Journal of Natural Products</i> , 2013, 76, 2269-2276.	3.0	29
17	Structural Diversity Based on Cyclopropane Scaffolds. <i>Organic Letters</i> , 2000, 2, 601-603.	4.6	27
18	A novel approach to oligocyclopropane structural units. <i>Tetrahedron Letters</i> , 1997, 38, 2057-2060.	1.4	24

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19	Enantioselective Synthesis of Cyclopropanes by Aldehyde Homologation. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6671-6672.	13.8	22
20	Draft Genome Sequence of Gephyronic Acid Producer <i>Cystobacter violaceus</i> Strain Cb vi76. <i>Genome Announcements</i> , 2014, 2, .	0.8	22
21	Total Synthesis and Structural Reassignment of Lyngbyaloside C Highlighted by Intermolecular Ketene Esterification. <i>Chemistry - A European Journal</i> , 2015, 21, 10681-10686.	3.3	21
22	Î±-Methylation follows condensation in the gephyronic acid modular polyketide synthase. <i>Chemical Communications</i> , 2016, 52, 8822-8825.	4.1	17
23	Conformational Preferences of Zampanolide and Dactylolide. <i>Organic Letters</i> , 2013, 15, 5246-5249.	4.6	16
24	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part II): Total Synthesis of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 942-945.	13.8	15
25	Toward an Enantioselective Synthesis of (âˆš)-Zampanolide: Preparation of the C9â€“C20 Region. <i>Organic Letters</i> , 2012, 14, 3408-3411.	4.6	15
26	Cyclopropane Structural Units from Homoaldol Adducts. <i>Organic Letters</i> , 2003, 5, 1377-1379.	4.6	14
27	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Partâ€¦): Structural Revision and Stereochemical Assignment of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 938-941.	13.8	13
28	2-Bromoallyl Acetate: A Useful Structural Unit for Sequential Carbonâˆ“Carbon Bond Formation. <i>Organic Letters</i> , 1999, 1, 467-470.	4.6	11
29	Investigations on the mode of action of gephyronic acid, an inhibitor of eukaryotic protein translation from myxobacteria. <i>PLoS ONE</i> , 2018, 13, e0201605.	2.5	10
30	Synthesis, conformational preferences, and biological activity of conformational analogues of the microtubule-stabilizing agents, (âˆš)-zampanolide and (âˆš)-dactylolide. <i>MedChemComm</i> , 2019, 10, 800-805.	3.4	9
31	GephyronsÃ„ure, ein fehlendes Bindeglied zwischen Polyketid-Inhibitoren der eukaryotischen Proteinsynthese (Teilâ€¦): Totalsynthese. <i>Angewandte Chemie</i> , 2011, 123, 972-975.	2.0	8
32	The Marine Polyketide Myriaporone 3/4 Stalls Translation by Targeting the Elongation Phase. <i>ChemBioChem</i> , 2013, 14, 260-264.	2.6	8
33	Enantioselective Total Synthesis of the Putative Biosynthetic Intermediate Ambruticinâ€¦. <i>Chemistry - A European Journal</i> , 2021, 27, 11126-11131.	3.3	8
34	Molecular Basis for Olefin Rearrangement in the Gephyronic Acid Polyketide Synthase. <i>ACS Chemical Biology</i> , 2018, 13, 2699-2707.	3.4	7
35	The Synthesis and Biological Evaluation of Desepoxyisotedanolide and a Comparison with Desepoxytedanolide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6935-6939.	13.8	6
36	Conformation-guided analogue design identifies potential antimalarial compounds through inhibition of mitochondrial respiration. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5403-5406.	2.8	6

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37	GEX1A, a Polyketide from <i>Streptomyces chromofuscus</i> , Corrects the Cellular Defects Associated with Niemann-Pick Type C1 in Human Fibroblasts. <i>Journal of Natural Products</i> , 2018, 81, 2018-2025.	3.0	5
38	Synthesis and Biological Evaluation of Gephyronic Acid Derivatives: Initial Steps towards the Identification of the Biological Target of Polyketide Inhibitors of Eukaryotic Protein Synthesis. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7294-7307.	2.4	3
39	Gephyronsäure, ein fehlendes Bindeglied zwischen Polyketid- Inhibitoren der eukaryotischen Proteinsynthese (Teil 1): Strukturrevision und stereochemische Zuordnung. <i>Angewandte Chemie</i> , 2011, 123, 968-971.	2.0	2
40	Molecular mechanisms by which splice modulator GEX1A inhibits leukaemia development and progression. <i>British Journal of Cancer</i> , 2022, 127, 223-236.	6.4	2
41	The organic chemist's newswire. <i>Nature</i> , 2001, 413, 678-679.	27.8	1
42	Evaluation of the Polyketide GEX1A as a Potential Lead for Niemann-Pick Type C Disease. <i>FASEB Journal</i> , 2015, 29, 721.18.	0.5	0