

Jonathan H George

List of Publications by Year in descending order

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58
papers

1,401
citations

279798

23
h-index

361022

35
g-index

65
all docs

65
docs citations

65
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantiospecific, Biosynthetically Inspired Formal Total Synthesis of (+)-Liphagal. <i>Organic Letters</i> , 2010, 12, 2394-2397.	4.6	91
2	Biomimetic Synthesis of Polycyclic Polyprenylated Acylphloroglucinol Natural Products Isolated from <i>Hypericum papuanum</i> . <i>Organic Letters</i> , 2010, 12, 3532-3535.	4.6	81
3	A unifying paradigm for naphthoquinone-based meroterpenoid (bio)synthesis. <i>Nature Chemistry</i> , 2017, 9, 1235-1242.	13.6	65
4	Biomimetic Total Synthesis of (±)-Garcibracteatone. <i>Organic Letters</i> , 2012, 14, 5162-5164.	4.6	60
5	Structural Reassignment of Cytosporolides Aâ€”C via Biomimetic Synthetic Studies and Reinterpretation of NMR Data. <i>Organic Letters</i> , 2011, 13, 5318-5321.	4.6	58
6	Biomimetic Total Synthesis of (±)-Doitunggarcinone A and (+)-Garcibracteatone. <i>Journal of Organic Chemistry</i> , 2014, 79, 2564-2573.	3.2	55
7	Biomimetic Total Synthesis of Hyperjaponésâ€”E and Hyperjaponolsâ€”A andâ€”C. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10368-10371.	13.8	55
8	Biomimetic Total Synthesis of <i>ent</i> -Penilactone A and Penilactone B. <i>Organic Letters</i> , 2013, 15, 3891-3893.	4.6	52
9	Meroterpenoid natural products from <i>Streptomyces</i> bacteria â€” the evolution of chemoenzymatic syntheses. <i>Natural Product Reports</i> , 2020, 37, 1334-1366.	10.3	45
10	Biomimetic Total Synthesis of (±)-Merochlorinâ€”A. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12170-12173.	13.8	41
11	Total Synthesis Establishes the Biosynthetic Pathway to the Naphterpin and Marinone Natural Products. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11009-11014.	13.8	41
12	Total Synthesis of (+)-Azinothricin and (+)-Kettapeptin. <i>Organic Letters</i> , 2009, 11, 733-736.	4.6	40
13	Total Enzyme Syntheses of Napyradiomycins A1 and B1. <i>Journal of the American Chemical Society</i> , 2018, 140, 17840-17845.	13.7	39
14	Mechanistic Studies on the O-Directed Free-Radical Hydrostannation of Disubstituted Acetylenes with Ph ₃ SnH and Et ₃ B and on the Iodination of Allylically Oxygenated Î±-Triphenylstannylalkenes. <i>Organic Letters</i> , 2005, 7, 5377-5380.	4.6	38
15	O-Directed Free-Radical Hydrostannations of Propargyl Ethers, Acetals, and Alcohols with Ph ₃ SnH and Et ₃ B. <i>Organic Letters</i> , 2005, 7, 5369-5372.	4.6	36
16	Total Synthesis of (+)-Aureol. <i>Organic Letters</i> , 2012, 14, 4710-4713.	4.6	35
17	Total Synthesis and Structure Revision of (±)-Siphonodictyal B and Its Biomimetic Conversion into (+)-Liphagal. <i>Organic Letters</i> , 2015, 17, 4228-4231.	4.6	35
18	Biomimetic rearrangements of simplified labdane diterpenoids. <i>Tetrahedron</i> , 2010, 66, 6321-6330.	1.9	33

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19	Total Synthesis of Peniphenones Aâ€”D via Biomimetic Reactions of a Common <i>o</i> -Quinone Methide Intermediate. <i>Organic Letters</i> , 2015, 17, 5970-5973.	4.6	32
20	Total synthesis of (+)-A83586C, (+)-kettapeptin and (+)-azinothricin: powerful new inhibitors of β -catenin/TCF4- and E2F-mediated gene transcription. <i>Chemical Communications</i> , 2010, 46, 4021.	4.1	31
21	Biomimetic Total Synthesis of (±)-Verrubenzospirolactone. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8532-8535.	13.8	27
22	Biomimetic Dearomatization Strategies in the Total Synthesis of Meroterpenoid Natural Products. <i>Accounts of Chemical Research</i> , 2021, 54, 1843-1855.	15.6	27
23	Synthesis of a Liphagalâ€”Fronodosin C Hybrid and Speculation on the Biosynthesis of the Fronodosins. <i>Organic Letters</i> , 2012, 14, 1524-1527.	4.6	25
24	Visibleâ€”Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoidsâ€”A, B, and D, and Rasumatraninâ€”D. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2791-2794.	13.8	24
25	Some chemical speculation on the biosynthesis of corallidictyals Aâ€”D. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5546-5549.	2.8	23
26	Total Synthesis of Naphterpin and Marinone Natural Products. <i>Organic Letters</i> , 2019, 21, 8312-8315.	4.6	23
27	Biomimetic Total Synthesis of (±)-Merochlorinâ€”A. <i>Angewandte Chemie</i> , 2013, 125, 12392-12395.	2.0	18
28	Biosynthetically Guided Structureâ€”Activity Relationship Studies of Merochlorinâ€”A, an Antibiotic Marine Natural Product. <i>ChemMedChem</i> , 2017, 12, 1969-1976.	3.2	18
29	Biomimetic Total Synthesis of Rhodonoids C and D, and Murrayakonine D. <i>Organic Letters</i> , 2017, 19, 2463-2465.	4.6	17
30	Biomimetic Synthesis Enables the Structure Revision of Furoerioaustralasine. <i>Organic Letters</i> , 2019, 21, 8776-8778.	4.6	16
31	Biomimetic total synthesis of (±)-yezo'otogirin A. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2519-2522.	2.8	15
32	Selective aliphatic carbonâ€”hydrogen bond activation of protected alcohol substrates by cytochrome P450 enzymes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2479-2488.	2.8	15
33	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1427-1431.	13.8	15
34	Biomimetic Synthesis Enables the Structure Revision of Littordials E and F and Drychampone B. <i>Organic Letters</i> , 2020, 22, 8161-8166.	4.6	15
35	Biomimetic Synthetic Studies on the Bruceol Family of Meroterpenoid Natural Products. <i>Journal of Organic Chemistry</i> , 2020, 85, 2103-2117.	3.2	14
36	Synthesis of A83586C Analogs with Potent Anticancer and β -Catenin/TCF4/Osteopontin Inhibitory Effects and Insights Into How A83586C Modulates E2Fs and pRb. <i>Organic Letters</i> , 2009, 11, 737-740.	4.6	13

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37	Total Synthesis of Rhodonoids A, B, E, and F, Enabled by Singlet Oxygen Ene Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 2260-2265.	3.2	13
38	A mechanistic study on the inhibition of β -chymotrypsin by a macrocyclic peptidomimetic aldehyde. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6970-6978.	2.8	11
39	Total Synthesis Establishes the Biosynthetic Pathway to the Naphterpin and Marinone Natural Products. <i>Angewandte Chemie</i> , 2018, 130, 11175-11180.	2.0	11
40	Biomimetic Total Synthesis of the Rubiginosin Meroterpenoids. <i>Organic Letters</i> , 2021, 23, 578-582.	4.6	11
41	The Biosynthesis and Biomimetic Synthesis of Merochlorins A and B. <i>Synlett</i> , 2015, 26, 2485-2490.	1.8	10
42	ortho-Quinone Methide Cyclizations Inspired by the Bussei hydroquinone Family of Natural Products. <i>Organic Letters</i> , 2019, 21, 8304-8307.	4.6	10
43	Bioinspired Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
44	Biomimetic Total Synthesis of Hyperjaponones A-E and Hyperjaponols A and C. <i>Angewandte Chemie</i> , 2016, 128, 10524-10527.	2.0	9
45	Biomimetic synthetic studies on meroterpenoids from the marine sponge <i>Aka coralliphaga</i> : Divergent total syntheses of siphonodictyal B, liphagal and corallidictyals A-D. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2449-2465.	3.0	8
46	Biomimetic Total Synthesis of (\pm)-Verrubenzospirolactone. <i>Angewandte Chemie</i> , 2017, 129, 8652-8655.	2.0	5
47	Biomimetic Synthesis of Hyperjaponones F-I. <i>Australian Journal of Chemistry</i> , 2018, 71, 649.	0.9	5
48	A Diazo-Hooker Reaction, Inspired by the Biosynthesis of Azamerone. <i>Organic Letters</i> , 2022, 24, 490-495.	4.6	5
49	A Synthetic Approach to the Communesins. <i>Synlett</i> , 2008, 2008, 2093-2096.	1.8	4
50	A Biomimetic Synthetic Approach to the Frondosins. <i>Australian Journal of Chemistry</i> , 2016, 69, 1420.	0.9	4
51	Biosynthetically-inspired oxidations of capillobenzopyranol. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4811-4815.	2.8	4
52	Isolation and Biomimetic Oxidation of Prenylbruceol A, an Anticipated Meroterpenoid Natural Product from <i>Phyllothea myoporoides</i> . <i>Journal of Natural Products</i> , 2020, 83, 2305-2309.	3.0	3
53	Biomimetic synthesis of the non-canonical PPAP natural products yezo'otogirin C and hypermogin D, and studies towards the synthesis of norascyronone A. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1759-1768.	2.8	3
54	Bioinspired Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D. <i>Angewandte Chemie</i> , 0, .	2.0	3

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55	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie</i> , 2019, 131, 1441-1445.	2.0	2
56	Some reactions of azides with diynyl-bis(phosphine)ruthenium-cyclopentadienyl complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 797, 185-193.	1.8	1
57	Re-investigation of the infrared spectrum of the NCN radical by laser magnetic resonance spectroscopy. <i>Journal of Molecular Spectroscopy</i> , 2021, 382, 111547.	1.2	1
58	Visible-Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoids...A, B, and D, and Rasumatranin...D. <i>Angewandte Chemie</i> , 2019, 131, 2817-2820.	2.0	0