

John K Snyder

List of Publications by Year in descending order

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2,771
citations

168829

31
h-index

242451

47
g-index

98
all docs

98
docs citations

98
times ranked

2702
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial hydration determines orientational and functional dimorphism of sterol-derived Raman tags in lipid-coated nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
2	Metabolic Dynamics and Prediction of Gestational Age and Time to Delivery in Pregnant Women. <i>Cell</i> , 2020, 181, 1680-1692.e15.	13.5	154
3	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	5.3	32
4	Inhibiting the oncogenic translation program is an effective therapeutic strategy in multiple myeloma. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	53
5	Gallium(III)-Promoted Halocyclizations of 1,6-Diynes. <i>Organic Letters</i> , 2015, 17, 2126-2129.	2.4	17
6	Remodeling of Fumagillol: Discovery of an Oxygen-Directed Oxidative Mannich Reaction. <i>Organic Letters</i> , 2014, 16, 792-795.	2.4	26
7	Identification of a Broad-Spectrum Inhibitor of Viral RNA Synthesis: Validation of a Prototype Virus-Based Approach. <i>Chemistry and Biology</i> , 2013, 20, 424-433.	6.2	21
8	An intramolecular inverse electron demand Diels-Alder approach to annulated $\hat{\pm}$ -carbolines. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 829-840.	1.3	21
9	Truncated <i>Aspidosperma</i> Alkaloid-Like Scaffolds: Unique Structures for the Discovery of New, Bioactive Compounds. <i>Heterocycles</i> , 2012, 84, 135.	0.4	5
10	Direct Binding of a Hepatitis C Virus Inhibitor to the Viral Capsid Protein. <i>PLoS ONE</i> , 2012, 7, e32207.	1.1	20
11	Indium(III)-Catalyzed Hydrative Cyclization of 1,7-Diynyl Ethers. <i>Organic Letters</i> , 2011, 13, 4280-4283.	2.4	16
12	Remodelling of the natural product fumagillol employing a reaction discovery approach. <i>Nature Chemistry</i> , 2011, 3, 969-973.	6.6	83
13	Potent inhibitors of hepatitis C core dimerization as new leads for anti-hepatitis C agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2198-2202.	1.0	20
14	Discovery of new antimalarial chemotypes through chemical methodology and library development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6775-6780.	3.3	42
15	Enantioselective syntheses of candenatenins B and C using a chiral anthracene auxiliary. <i>Tetrahedron Letters</i> , 2010, 51, 1091-1094.	0.7	12
16	Core as a Novel Viral Target for Hepatitis C Drugs. <i>Viruses</i> , 2010, 2, 1734-1751.	1.5	31
17	Synthesis of Unique Scaffolds via Diels-Alder Cycloadditions of Tetrasubstituted Cyclohexadienes. <i>Organic Letters</i> , 2010, 12, 1592-1595.	2.4	21
18	A Time-Resolved Fluorescence-Resonance Energy Transfer Assay for Identifying Inhibitors of Hepatitis C Virus Core Dimerization. <i>Assay and Drug Development Technologies</i> , 2010, 8, 96-105.	0.6	24

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19	New small molecule inhibitors of hepatitis C virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6926-6930.	1.0	23
20	Intramolecular Rhodium-Catalyzed [2+2+2] Cyclizations of Diynes with Enones. <i>Journal of Organic Chemistry</i> , 2009, 74, 2907-2910.	1.7	32
21	PtCl ₂ -Mediated Cyclopropane Opening: A Mechanistic Study. <i>Organometallics</i> , 2008, 27, 410-417.	1.1	12
22	Anthracene Cycloadducts as Highly Selective Chiral Auxiliaries. <i>Journal of Organic Chemistry</i> , 2008, 73, 2935-2938.	1.7	19
23	Library Synthesis Using 5,6,7,8-Tetrahydro-1,6-naphthyridines as Scaffolds. <i>ACS Combinatorial Science</i> , 2008, 10, 534-540.	3.3	24
24	Synthesis of 5,6,7,8-Tetrahydro-1,6-naphthyridines and Related Heterocycles by Cobalt-Catalyzed [2 + 2 + 2] Cyclizations. <i>Organic Letters</i> , 2007, 9, 393-396.	2.4	108
25	1,2,3,4-Tetrahydro-1,5-naphthyridines and related heterocyclic scaffolds: exploration of suitable chemistry for library development. <i>Tetrahedron</i> , 2007, 63, 5649-5655.	1.0	11
26	PtCl ₂ -Promoted cyclopropane opening in [4+2+2] homo Diels-Alder cycloadducts. <i>Tetrahedron Letters</i> , 2006, 47, 675-678.	0.7	10
27	Chiral anthracene and anthrone templates as stereocontrolling elements in Diels-Alder/retro Diels-Alder sequences. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5299-5309.	1.4	31
28	Homo Diels-Alder chemistry in the synthesis of portulac: construction of the functionalized hydroazulene core. <i>Tetrahedron Letters</i> , 2005, 46, 703-706.	0.7	11
29	A new, chiral aminoanthracene for the Diels-Alder/retro-Diels-Alder sequence in lactam and butenolide synthesis. <i>Tetrahedron Letters</i> , 2005, 46, 2475-2478.	0.7	35
30	Convergent Synthesis of a Complex Oxime Library Using Chemical Domain Shuffling. <i>Organic Letters</i> , 2005, 7, 2751-2754.	2.4	30
31	Intramolecular Inverse-Electron-Demand Diels-Alder Reactions of Imidazoles with 1,2,4-Triazines: A New Route to 1,2,3,4-Tetrahydro-1,5-naphthyridines and Related Heterocycles. <i>ChemInform</i> , 2005, 36, no.	0.1	0
32	A New Chiral Anthracene for the Asymmetric Diels-Alder/Retro-Diels-Alder Sequence. <i>Organic Letters</i> , 2005, 7, 31-34.	2.4	57
33	Intramolecular Inverse-Electron-Demand Diels-Alder Reactions of Imidazoles with 1,2,4-Triazines: A New Route to 1,2,3,4-Tetrahydro-1,5-naphthyridines and Related Heterocycles. <i>Journal of Organic Chemistry</i> , 2004, 69, 7171-7182.	1.7	62
34	Dienophilicity of Imidazole in Inverse Electron Demand Diels-Alder Reactions. Part 4. Intermolecular Reactions with 1,2,4-Triazines. <i>ChemInform</i> , 2003, 34, no.	0.1	0
35	Cycloadditions of chiral anthracenes: effect of the trifluoromethyl group. <i>Tetrahedron Letters</i> , 2003, 44, 931-935.	0.7	37
36	Dienophilicity of Imidazole in Inverse Electron Demand Diels-Alder Reactions. 4. Intermolecular Reactions with 1,2,4-Triazines. <i>Journal of Organic Chemistry</i> , 2003, 68, 4345-4354.	1.7	28

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37	Development of a New Cobalt Catalyst System for the [4 + 2 + 2] Cycloadditions of Functionalized Norbornadienes and Butadiene. <i>Organometallics</i> , 2002, 21, 4688-4695.	1.1	34
38	Chapter 6.2 Six-membered ring systems: Diazines and benzo derivatives. <i>Progress in Heterocyclic Chemistry</i> , 2002, , 279-309.	0.5	41
39	A Homo Diels-Alder Approach to Bicyclo[4.2.1]nonanes. <i>Organic Letters</i> , 2002, 4, 2731-2734.	2.4	14
40	Transition Metal-Catalyzed [4 + 2 + 2] Cycloadditions of Bicyclo[2.2.1]hepta-2,5-dienes (Norbornadienes) and Bicyclo[2.2.2]octa-2,5-dienes. <i>Journal of Organic Chemistry</i> , 2001, 66, 6932-6942.	1.7	37
41	Opening the [4 + 2 + 2] Cycloadducts of Bicyclo[2.2.1]hepta-2,5-dienes (Norbornadienes) to Cis-Fused Bicyclo[5.3.0]decanes. <i>Journal of Organic Chemistry</i> , 2001, 66, 6943-6957.	1.7	17
42	Inverse electron-demand Diels-Alder chemistry in the synthesis of a regioselectively protected analogue of the staurosporine aglycone. <i>Tetrahedron Letters</i> , 2001, 42, 7929-7933.	0.7	30
43	Dienophilicity of imidazole in inverse electron demand Diels-Alder reactions: cycloadditions with 1,2,4,5-tetrazines and the structure of zarzissine. <i>Tetrahedron</i> , 2001, 57, 5497-5507.	1.0	40
44	Remangilone D, a New Bisnoroleanane Triterpene, and a New Flavone from <i>Physena madagascariensis</i> [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 1079-1083.	0.3	3
45	Guaianolide Sesquiterpene Lactones From <i>Cichorium Intybus</i> (Asteraceae) [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 787-796.	0.3	8
46	Intramolecular Inverse Electron Demand Diels-Alder Reactions of Tryptamine with Tethered Heteroaromatic Azadienes. <i>Tetrahedron</i> , 2000, 56, 1165-1180.	1.0	75
47	New Antimicrobial Flavanones from <i>Physena madagascariensis</i> . <i>Journal of Natural Products</i> , 2000, 63, 1082-1089.	1.5	63
48	Stereoselective Diels-Alder Reactions of Chiral Anthracenes. <i>Organic Letters</i> , 2000, 2, 2527-2530.	2.4	44
49	Cobalt-catalyzed [4 + 2 + 2] cycloadditions of bicyclo[2.2.2]octadienes. <i>Tetrahedron Letters</i> , 1999, 40, 1079-1082.	0.7	14
50	Remangilonones A-C, New Cytotoxic Triterpenes from <i>Physenamadagascariensis</i> . <i>Journal of Natural Products</i> , 1999, 62, 471-476.	1.5	21
51	Indole as a dienophile in inverse electron demand diels-alder and related reactions. <i>Advances in Cycloaddition</i> , 1999, , 119-171.	0.5	33
52	Inverse electron demand Diels-Alder reactions of indole. VI. A fully removable tether for intramolecular reactions with 1,2,4-triazines. <i>Tetrahedron Letters</i> , 1998, 39, 2487-2490.	0.7	21
53	Metal-Catalyzed [4 + 2 + 2] Cycloadditions: Cycloadducts of Substituted Norbornadienes and Their Opening with Zeise's Dimer. <i>Journal of Organic Chemistry</i> , 1998, 63, 2060-2061.	1.7	25
54	Direct Conversion of Heteroaromatic Esters to Methyl Ketones with Trimethylaluminum: Nonsymmetrically Disubstituted 1,2,4,5-Tetrazines. <i>Journal of Organic Chemistry</i> , 1998, 63, 10063-10068.	1.7	35

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55	Opening norbornadiene homo Diels-Alder adducts to bicyclic systems. <i>Tetrahedron Letters</i> , 1997, 38, 1477-1480.	0.7	11
56	Dienophilicity of Imidazole in Inverse Electron Demand Diels-Alder Reactions; Intermolecular Reactions with 1,2,4-Triazines.. <i>Tetrahedron Letters</i> , 1997, 38, 7495-7498.	0.7	17
57	Dienophilicity of Imidazole in Inverse Electron Demand Diels-Alder Reactions; Intramolecular Reactions with 1,2,4-Triazines.. <i>Tetrahedron Letters</i> , 1997, 38, 7499-7502.	0.7	20
58	A facile preparation of pyrrolo[3,4-b]indoles. <i>Tetrahedron Letters</i> , 1997, 38, 8611-8614.	0.7	31
59	O-nitromandelic acid: A chiral solvating agent for the NMR determination of chiral diamine enantiomeric purity. <i>Chirality</i> , 1997, 9, 556-562.	1.3	9
60	Inverse electron demand Diels-Alder reactions of indole V. Reactions of 3-substituted indoles with heteroaromatic azadienes. <i>Tetrahedron Letters</i> , 1996, 37, 5061-5064.	0.7	28
61	Inverse electron demand diels-alder reactions of indole IV. A new route to \hat{I}^2 -carbolines. <i>Tetrahedron Letters</i> , 1995, 36, 6591-6594.	0.7	26
62	Selective oxidation of canthines to canthin-6-ones with triethylbenzylammonium permanganate. <i>Tetrahedron Letters</i> , 1994, 35, 1485-1488.	0.7	37
63	A new triterpenoid saponin from the chinese traditional medicine <i>Nothopanax davidii</i> harms (Araliaceae). <i>Tetrahedron</i> , 1994, 50, 11601-11612.	1.0	10
64	Pyrrole as a dienophile in intramolecular inverse electron-demand Diels-Alder reactions with 1,2,4-triazines. <i>Journal of Organic Chemistry</i> , 1993, 58, 516-519.	1.7	53
65	Indole as a dienophile in inverse electron demand Diels-Alder reactions. 3. Intramolecular reactions with 1,2,4-triazines to access the canthine skeleton. <i>Journal of Organic Chemistry</i> , 1992, 57, 5285-5287.	1.7	79
66	Notizen: Two New Phloroglucinol Derivatives with Phosphodiesterase Inhibitory Activity from the Leaves of <i>Eucalyptus robusta</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1991, 46, 1275-1277.	0.3	13
67	Homoerythrina alkaloids of <i>Phelline comosa</i> . <i>Phytochemistry</i> , 1991, 30, 3497-3498.	1.4	11
68	Optically pure chiral sulfoxides using ephedrine as a chiral auxiliary. <i>Tetrahedron Letters</i> , 1991, 32, 5885-5888.	0.7	53
69	Asymmetric oxidation of \hat{I}^2 -ketoesters with benzoyl peroxide; enantioselective formation of protected tertiary alcohols. <i>Tetrahedron Letters</i> , 1991, 32, 5899-5902.	0.7	24
70	Proton and carbon-13 nmr studies of delpheline, 8,9-methylenedioxyappaconitine and dictyzine. <i>Tetrahedron</i> , 1991, 47, 4299-4316.	1.0	17
71	Preparation, reactivity, and neurotoxicity of tryptamine-4,5-dione. <i>Tetrahedron Letters</i> , 1990, 31, 969-972.	0.7	22
72	Tatsidine, a norditerpenoid alkaloid from <i>Delphinium tatsienense</i> . <i>Phytochemistry</i> , 1990, 29, 357-358.	1.4	12

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73	Asymmetric syntheses of <i>Salvia miltiorrhiza</i> abietanoid o-quinones: methyl tanshinonate, tanshinone IIB, tanshindiol B and 3-hydroxytanshinone. <i>Journal of Organic Chemistry</i> , 1990, 55, 5008-5013.	1.7	50
74	Indole as a dienophile in inverse electron demand Diels-Alder reactions: reactions with 1,2,4-triazines and 1,2-diazines. <i>Journal of Organic Chemistry</i> , 1990, 55, 3257-3269.	1.7	90
75	Ultrasound-promoted cycloadditions in the synthesis of <i>Salvia miltiorrhiza</i> abietanoid o-quinones. <i>Journal of Organic Chemistry</i> , 1990, 55, 4995-5008.	1.7	69
76	Complete spectral assignments of tatsidine by two-dimensional NMR techniques. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 1057-1064.	1.1	13
77	Diosgenin-bearing, molluscicidal saponins from <i>Allium vineale</i> : an NMR approach for the structural assignment of oligosaccharide units. <i>Journal of Organic Chemistry</i> , 1989, 54, 3679-3689.	1.7	59
78	Camphanylboronic acid, a chiral derivatizing agent for optical purity determination of diols. <i>Tetrahedron Letters</i> , 1988, 29, 6063-6065.	0.7	20
79	Lenticellarine, a molluscicidal alkaloid from <i>Dysoxylum lenticellare</i> . <i>Phytochemistry</i> , 1988, 27, 3789-3792.	1.4	22
80	Use of carboxylic acids as chiral solvating agents for the determination of optical purity of chiral amines by NMR spectroscopy. <i>Journal of Organic Chemistry</i> , 1988, 53, 5335-5341.	1.7	102
81	Indole as a dienophile in inverse electron demand Diels-Alder reactions. 5H-Pyridazino[4,5-b]indoles as cycloadducts with 3,6-dicarbomethoxy-1,2,4,5-tetrazine. <i>Journal of Organic Chemistry</i> , 1987, 52, 4610-4614.	1.7	58
82	Preparation and dienophilicity of 3-methyl-4,5-benzofurandione. <i>Tetrahedron Letters</i> , 1987, 28, 3427-3430.	0.7	24
83	Asymmetric oxidation of olefins to vicinal diols with osmium tetroxide. <i>Tetrahedron Letters</i> , 1986, 27, 3951-3954.	0.7	98