

Michael B Smith

List of Publications by Year in descending order

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104
papers

770
citations

516710

16
h-index

580821

25
g-index

166
all docs

166
docs citations

166
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	Treasure hunt for peptides with undefined chemical modifications: Proteomics identification of differential albumin adducts of 2-nitroimidazole-indocyanine green in hypoxic tumor. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4376.	1.6	1
2	A novel phosphoglycerol serine-glycine lipodipeptide of <i>Porphyromonas gingivalis</i> is a TLR2 ligand. <i>Journal of Lipid Research</i> , 2020, 61, 1645-1657.	4.2	15
3	Glycine Lipids of <i>Porphyromonas gingivalis</i> Are Agonists for Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2020, 88, .	2.2	17
4	Phagosomal Copper-Promoted Oxidative Attack on Intracellular <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 1623-1634.	3.8	27
5	Simultaneous Determination of Absolute Configuration and Quantity of Lipopeptides Using Chiral Liquid Chromatography/Mass Spectrometry and Diastereomeric Internal Standards. <i>Analytical Chemistry</i> , 2017, 89, 3583-3589.	6.5	7
6	Convergent synthesis of a deuterium-labeled serine dipeptide lipid for analysis of biological samples. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 274-285.	1.0	5
7	Deposition and hydrolysis of serine dipeptide lipids of <i>Bacteroidetes</i> bacteria in human arteries: relationship to atherosclerosis. <i>Journal of Lipid Research</i> , 2017, 58, 1999-2007.	4.2	35
8	Structural verification via convergent total synthesis of dipeptide-lipids isolated from <i>Porphyromonas gingivalis</i> . <i>Tetrahedron</i> , 2016, 72, 7557-7569.	1.9	13
9	Synthesis of a 4-nitroimidazole indocyanine dye-conjugate and imaging of tumor hypoxia in BALB/c tumor-bearing female mice. <i>Dyes and Pigments</i> , 2016, 126, 251-260.	3.7	8
10	Imaging of Tumor Hypoxia using 4-Nitroimidazole Indocyanine Green Dye-Conjugate in BALB/c Tumor-Bearing Female Mice. , 2016, , .		0
11	Targeting tumor hypoxia: a third generation 2-nitroimidazole-indocyanine dye-conjugate with improved fluorescent yield. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11220-11227.	2.8	30
12	Biodistribution study of 2-nitroimidazole indocyanine green conjugate dye conjugates. , 2014, , .		1
13	Targeting tumor hypoxia with 2-nitroimidazole-indocyanine green dye conjugates. <i>Journal of Biomedical Optics</i> , 2013, 18, 066009.	2.6	29
14	Target tumor hypoxia with 2-nitroimidazole-ICG dye conjugates. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
15	Structurally modified indocyanine green dyes. Modification of the polyene linker. <i>Dyes and Pigments</i> , 2013, 99, 275-283.	3.7	22
16	Single wall carbon nanotube/bis carboxylic acid-ICG as a sensitive contrast agent for in vivo tumor imaging in photoacoustic tomography. , 2013, , .		2
17	Polymer-mediated cyclodehydration of alditols and ketohexoses. <i>Carbohydrate Research</i> , 2011, 346, 1662-1670.	2.3	13
18	Synthesis and fluorescent characteristics of imidazole-indocyanine green conjugates. <i>Dyes and Pigments</i> , 2011, 89, 9-15.	3.7	30

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19	Imaging tumor hypoxia by near-infrared fluorescence tomography. <i>Journal of Biomedical Optics</i> , 2011, 16, 066009.	2.6	35
20	Hypoxia targeted carbon nanotubes as a sensitive contrast agent for photoacoustic imaging of tumors. , 2011, , .		2
21	Tumor hypoxia fluorescence imaging using 2-nitroimidazole bis -carboxylic acid indocyanine dye conjugate. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
22	Enhanced conductivity in sorbitol-treated PEDOTâ€PSS. Observation of an in situ cyclodehydration reaction. <i>Synthetic Metals</i> , 2010, 160, 2284-2289.	3.9	27
23	2-Dienylphenacyloxazolones and an intramolecular Dielsâ€Alder approach to the Aâ€Bâ€C ring system of phenanthridone alkaloids. <i>Tetrahedron</i> , 2009, 65, 8781-8785.	1.9	7
24	An Unexpectedly Facile Cyclization of Polyhydric Alcohols. <i>Organic Letters</i> , 2009, 11, 3722-3725.	4.6	18
25	Structural confirmation of the dihydrosphinganine and fatty acid constituents of the dental pathogen <i>Porphyromonas gingivalis</i> . <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3826.	2.8	21
26	Nâ€Benzylâ€5â€Hydroxyâ€3â€pyrrolidinâ€2â€one by Hydrogen Peroxide Oxidation of Nâ€Benzylâ€3â€phenylselenoâ€2â€pyrrolidinone. <i>Synthetic Communications</i> , 2007, 37, 813-819.	2.1	9
27	Chemical stability of conducting polymers: Friedelâ€Crafts reactions of alcohols with poly(3,4-ethylenedioxythiophene) (PEDOT). <i>Polymer</i> , 2007, 48, 4328-4336.	3.8	4
28	Chemical reactions of the conducting polymer poly(3,4-ethylene dioxythiophene) and alcohols. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2328-2333.	2.3	7
29	Preparation of Amides. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 121-140.	0.0	0
30	Preparation of Nitriles. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 258-263.	0.0	0
31	Preparation of Halides and Sulfonates. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 206-218.	0.0	0
32	Preparation of Amines. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 113-138.	0.0	0
33	Preparation of Ketones. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 230-257.	0.0	0
34	Preparation of Alkynes. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 1-5.	0.0	0
35	Preparation of Hydrides. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 219-229.	0.0	0
36	Preparation of Alkenes. <i>Compendium of Organic Synthetic Methods</i> , 2006, , 264-289.	0.0	0

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37	Preparation of Oxides. Compendium of Organic Synthetic Methods, 2006, , 290-297.	0.0	0
38	Preparation of Difunctional Compounds. Compendium of Organic Synthetic Methods, 2006, , 298-485.	0.0	0
39	Preparation of Aldehydes. Compendium of Organic Synthetic Methods, 2006, , 59-71.	0.0	1
40	Preparation of Alkyls, Methylenes and Aryls. Compendium of Organic Synthetic Methods, 2006, , 72-120.	0.0	0
41	Preparation of Amines. Compendium of Organic Synthetic Methods, 2006, , 141-164.	0.0	0
42	Preparation of Esters. Compendium of Organic Synthetic Methods, 2006, , 165-187.	0.0	0
43	Preparation of Ethers, Epoxides and Thioethers. Compendium of Organic Synthetic Methods, 2006, , 188-205.	0.0	0
44	Preparation of Amides. Compendium of Organic Synthetic Methods, 2006, , 98-112.	0.0	0
45	Preparation of Alcohols. Compendium of Organic Synthetic Methods, 2006, , 15-58.	0.0	0
46	Preparation of Acid Derivatives. Compendium of Organic Synthetic Methods, 2006, , 6-14.	0.0	0
47	Preparation of Ketones. Compendium of Organic Synthetic Methods, 2006, , 205-238.	0.0	0
48	Preparation of Ethers, Epoxides, and Thioethers. Compendium of Organic Synthetic Methods, 2006, , 164-180.	0.0	0
49	Preparation of Oxides. Compendium of Organic Synthetic Methods, 2006, , 272-279.	0.0	0
50	Preparation of Acetylenes. Compendium of Organic Synthetic Methods, 2006, , 1-7.	0.0	0
51	Preparation of Alkyls, Methylenes, and Aryls. Compendium of Organic Synthetic Methods, 2006, , 67-97.	0.0	0
52	Preparation of Halides and Sulfonates. Compendium of Organic Synthetic Methods, 2006, , 181-193.	0.0	0
53	Preparation of Hydrides. Compendium of Organic Synthetic Methods, 2006, , 194-204.	0.0	0
54	Preparation of Aldehydes. Compendium of Organic Synthetic Methods, 2006, , 51-66.	0.0	1

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55	Preparation of Olefins. Compendium of Organic Synthetic Methods, 2006, , 248-271.	0.0	0
56	Preparation of Difunctional Compounds. Compendium of Organic Synthetic Methods, 2006, , 280-492.	0.0	0
57	Preparation of Carboxylic Acids, Acid Halides, and Anhydrides. Compendium of Organic Synthetic Methods, 2006, , 8-18.	0.0	0
58	Preparation of Esters. Compendium of Organic Synthetic Methods, 2006, , 139-163.	0.0	0
59	Preparation of Alcohols, Phenols, and Thiols. Compendium of Organic Synthetic Methods, 2006, , 19-50.	0.0	0
60	Preparation of Nitriles. Compendium of Organic Synthetic Methods, 2006, , 239-247.	0.0	0
61	Structures and biological activities of novel phosphatidylethanolamine lipids of Porphyromonas gingivalis. Journal of Lipid Research, 2006, 47, 844-853.	4.2	28
62	Fused quinoline heterocycles VI: Synthesis of 5 <i>H</i> -1-thia-3,5,6-triazaaceanthrylenes and 5 <i>H</i> -1-thia-3,4,5,6-tetrazaaceanthrylenes. Journal of Heterocyclic Chemistry, 2005, 42, 567-574.	2.6	15
63	Fused Quinoline Heterocycles. Part 6. Synthesis of 5 <i>H</i> -1-Thia-3,5,6-triazaaceanthrylenes and 5 <i>H</i> -1-Thia-3,4,5,6-tetrazaaceanthrylenes.. ChemInform, 2005, 36, no.	0.0	0
64	Structures and biological activity of phosphorylated dihydroceramides of Porphyromonas gingivalis. Journal of Lipid Research, 2004, 45, 2317-2330.	4.2	56
65	Regioselective One-Pot Bromination of Aromatic Amines ¹ . Organic Letters, 2002, 4, 2321-2323.	4.6	42
66	A Facile One-Step Synthesis of Ethyl 2-(L,L-Dialkyl and Arylmethyl) Malonates. Synthetic Communications, 1999, 29, 343-350.	2.1	7
67	Synthesis of Octahydro 1 <i>H</i> -Pyrrolo[1,2- <i>a</i>]indol-3-ones Via Intramolecular Diels-Alder Reaction of 5-Substituted N-Dienyl Lactams. Synthetic Communications, 1998, 28, 4233-4239.	2.1	3
68	Synthesis of 5 <i>S</i> -(1-Oxoalkyl and Aryl)-2-pyrrolidinone Derivatives ¹ . Synthetic Communications, 1998, 28, 1649-1659.	2.1	8
69	5 <i>R</i> -Methyl-1-chloromethyl-2-pyrrolidinone: Determining Enantiomeric Excess in Chiral Nonracemic Amines ¹ . Synthetic Communications, 1998, 28, 1641-1648.	2.1	6
70	A General N-Alkylation Procedure for Ethyl Pyroglutamate. Synthetic Communications, 1996, 26, 1827-1838.	2.1	8
71	Synthetic Approaches to 2-Pyrrolidinone-5-carboxaldehyde. Synthetic Communications, 1996, 26, 3137-3150.	2.1	3
72	Preparation and Epoxidation of Conjugated Lactams: Influence of Ring Size on Epoxidation. Synthetic Communications, 1995, 25, 1265-1275.	2.1	9

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73	Diels-Alder Reactions of N-Alkenyl-Iminium Salts: A Novel Route to Indolizidine Derivatives. Synthetic Communications, 1993, 23, 253-262.	2.1	4
74	Preparation and Reactions of 1,1-Di(Phenylthio)Cyclobutane Derivatives from 1-(Phenylthio)-1-Cyclopropane Carbinols. Synthetic Communications, 1992, 22, 2273-2285.	2.1	20
75	Anchimeric Assistance in the N-Alkylation of 5-alkoxymethyl-2-pyrrolidinone Derivatives. Synthetic Communications, 1992, 22, 2935-2940.	2.1	7
76	N-SULFONYL LACTAMS via SULFONATION OF LACTIM ETHERS. Organic Preparations and Procedures International, 1992, 24, 147-157.	1.3	8
77	Preparation of 5-Alkenyl- and 5-Dienyl-2-pyrrolidinone Derivatives. Synthetic Communications, 1992, 22, 2865-2873.	2.1	9
78	<i>N</i> -DIENYL AMIDES AND LACTAMS: PREPARATION AND DIELS-ALDER REACTIVITY. Organic Preparations and Procedures International, 1990, 22, 315-397.	1.3	27
79	Electron impact study of 1,1-dithiophenylcyclobutanes. Organic Mass Spectrometry, 1989, 24, 193-194.	1.3	1
80	An Improved Reduction of the Ester Moiety in N-Substituted Pyroglutamates. Synthetic Communications, 1989, 19, 2859-2868.	2.1	8
81	CYCLIZATION OF α -HALONITRILES WITH ORGANOLITHIUMS. Organic Preparations and Procedures International, 1989, 21, 297-301.	1.3	8
82	Electron impact study of <i>N</i> -alkenyl lactams. Organic Mass Spectrometry, 1988, 23, 285-287.	1.3	2
83	A Mild and Facile Route to α -Amino Esters. Synthetic Communications, 1988, 18, 1625-1636.	2.1	24
84	Stereoselective Synthesis of <i>N</i> -Augenyl Lactams. Synthetic Communications, 1987, 17, 729-740.	2.1	46
85	An Improved, Preparative Route to Phenyl Vinyl Sulfide Via Phase Transfer Catalysis. Synthetic Communications, 1986, 16, 85-90.	2.1	14
86	Electron impact study of cyclic 2-alkylimines. Organic Mass Spectrometry, 1984, 19, 645-646.	1.3	2
87	The cyclopropylcarbinyl group in mass spectral fragmentations. Organic Mass Spectrometry, 1984, 19, 649-650.	1.3	0
88	An Improved, Preparative Route to 1-Cyclopropyl-1-Haloethanes. Synthetic Communications, 1983, 13, 593-599.	2.1	6
89	^{13}C NMR of organosulfur compounds the ^{13}C chemical shifts of monocyclic β - and γ -sultones. Magnetic Resonance in Chemistry, 1982, 19, 129-133.	0.7	2
90	Preparation of Alkynes. Compendium of Organic Synthetic Methods, 0, , 1-5.	0.0	1

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91	Preparation of Ketones. Compendium of Organic Synthetic Methods, 0, , 220-241.	0.0	0
92	Preparation of Difunctional Compounds. Compendium of Organic Synthetic Methods, 0, , 276-559.	0.0	0
93	Preparation of Halides and Sulfonates. Compendium of Organic Synthetic Methods, 0, , 200-209.	0.0	0
94	Preparation of Alcohols. Compendium of Organic Synthetic Methods, 0, , 16-53.	0.0	0
95	Preparation of Oxides. Compendium of Organic Synthetic Methods, 0, , 267-275.	0.0	0
96	Preparation of Hydrides. Compendium of Organic Synthetic Methods, 0, , 210-219.	0.0	0
97	Preparation of Nitriles. Compendium of Organic Synthetic Methods, 0, , 242-246.	0.0	0
98	Preparation of Acid Derivatives. Compendium of Organic Synthetic Methods, 0, , 6-15.	0.0	0
99	Preparation of Amides. Compendium of Organic Synthetic Methods, 0, , 117-138.	0.0	0
100	Preparation of Aldehydes. Compendium of Organic Synthetic Methods, 0, , 54-65.	0.0	0
101	Preparation of Amines. Compendium of Organic Synthetic Methods, 0, , 139-165.	0.0	0
102	Preparation of Esters. Compendium of Organic Synthetic Methods, 0, , 166-183.	0.0	0
103	Preparation of Alkenes. Compendium of Organic Synthetic Methods, 0, , 247-266.	0.0	0
104	Preparation of Ethers, Epoxides and Thioethers. Compendium of Organic Synthetic Methods, 0, , 184-199.	0.0	0