David F Wiemer

List of Publications by Year
in descending order

198	5,139	87843 38	155592 55
papers	citations	h-index	g-index

205	205	205	3380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of nonracemic phosphonates. Tetrahedron, 1997, 53, 16609-16644.	1.0	171
2	Prodrugs of Phosphonates and Phosphates: Crossing the Membrane Barrier. Topics in Current Chemistry, 2014, 360, 115-160.	4.0	135
3	An antifungal terpenoid defends a neotropical tree (Hymenaea) against attack by fungus-growing ants (Atta). Oecologia, 1983, 60, 321-327.	0.9	103
4	Chemical Leaf Repellency to an Attine Ant: Seasonal Distribution Among Potential Host Plant Species. Ecology, 1984, 65, 1067-1076.	1.5	102
5	Synthesis of .beta.-keto phosphonates from vinyl phosphates via a 1,3-phosphorus migration. Journal of Organic Chemistry, 1987, 52, 4185-4190.	1.7	95
6	Phosphonate and bisphosphonate analogues of farnesyl pyrophosphate as potential inhibitors of farnesyl protein transferase. Bioorganic and Medicinal Chemistry, 1998, 6, 687-694.	1.4	90
7	Ant-repellent triterpenoids from Cordia alliodora. Journal of Organic Chemistry, 1983, 48, 3525-3531.	1.7	87
8	Synthesis of a Phosphoantigen Prodrug that Potently Activates VÎ³9VÎ´2 T-Lymphocytes. Chemistry and Biology, 2014, 21, 945-954.	6.2	86
9	Engineering Novel Cell Surface Receptors for Virus-mediated Gene Transfer. Journal of Biological Chemistry, 1999, 274, 21878-21884.	1.6	81
10	Synthesis of Nonracemic Dimethyl Î±-(Hydroxyfarnesyl)phosphonates via Oxidation of Dimethyl Farnesylphosphonate with (Camphorsulfonyl)oxaziridines. Journal of Organic Chemistry, 1999, 64, 388-393.	1.7	79
11	Toxicity of terpenoid deterrents to the leafcutting antAtta cephalotes and its mutualistic fungus. Journal of Chemical Ecology, 1988, 14, 59-69.	0.9	77
12	BF₃Â·Et₂O-Mediated Cascade Cyclizations: Synthesis of Schweinfurthins F and G. Journal of Organic Chemistry, 2008, 73, 7963-7970.	1.7	70
13	Synthesis and biological activity of isoprenoid bisphosphonates. Bioorganic and Medicinal Chemistry, 2006, 14, 4130-4136.	1.4	69
14	Cembrene A and (3Z)-cembrene A: diterpenes from a termite soldier (Isoptera Termitidae Termitinae). Journal of Organic Chemistry, 1979, 44, 3950-3952.	1.7	63
15	Synthesis of Nonracemic 3-Deoxyschweinfurthin B. Journal of Organic Chemistry, 2005, 70, 925-931.	1.7	62
16	Reaction of diethyl phosphorochloridite with enolates: a general method for synthesis of .beta.-keto phosphonates and .alpha.-phosphono esters through carbon-phosphorus bond formation. Journal of Organic Chemistry, 1991, 56, 5556-5560.	1.7	61
17	Total synthesis of (+)-jatrophone.. Journal of the American Chemical Society, 1992, 114, 7692-7697.	6.6	61
18	The Intermediate Enzymes of Isoprenoid Metabolism as Anticancer Targets. Anti-Cancer Agents in Medicinal Chemistry, 2009, 9, 526-542.	0.9	60

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19	Total Synthesis of (+)-Schweinfurthins B and E. Journal of Organic Chemistry, 2009, 74, 6965-6972.	1.7	60
20	Direct Conversion of Benzylic and Allylic Alcohols to Phosphonates. Journal of Organic Chemistry, 2011, 76, 2875-2879.	1.7	57
21	A new synthesis of .beta.-keto phosphonates and .beta.-keto silanes. Journal of Organic Chemistry, 1986, 51, 4342-4347.	1.7	54
22	Enantioselective synthesis of Î±-hydroxy phosphonates via oxidation with (camphorsulfonyl)oxaziridines. Tetrahedron Letters, 1997, 38, 3495-3498.	0.7	54
23	Lucibufagins. 2. Esters of 12-oxo-2.beta.,5.beta.,11.alpha.-trihydroxybufalin, the major defensive steroids of the firefly Photinus pyralis (Coleoptera: Lampyridae). Journal of the American Chemical Society, 1979, 101, 3055-3060.	6.6	52
24	Application of the Nickel-Mediated Neopentyl Coupling in the Total Synthesis of the Marine Natural Product Arenarol. Journal of Organic Chemistry, 1995, 60, 5102-5106.	1.7	52
25	Pivaloyloxymethyl-modified isoprenoid bisphosphonates display enhanced inhibition of cellular geranylgeranylation. Bioorganic and Medicinal Chemistry, 2008, 16, 3652-3660.	1.4	50
26	Cubitene: an irregular twelve-membered-ring diterpene from a termite soldier. Journal of the American Chemical Society, 1978, 100, 2560-2561.	6.6	49
27	New prenylated phenolics from Piper auritum. Phytochemistry, 1987, 26, 2367-2370.	1.4	49
28	Addition of allylindium reagents to acyl phosphonates: synthesis of tertiary Î±-hydroxy alkylphosphonates. Tetrahedron Letters, 2003, 44, 2803-2805.	0.7	47
29	Flavanones from Lonchocarpus minimiflorus. Phytochemistry, 1987, 26, 2371-2375.	1.4	44
30	Synthesis of Schweinfurthin C, a Geranylated Stilbene fromMacaranga schweinfurthii. Journal of Organic Chemistry, 1999, 64, 8718-8723.	1.7	43
31	Total synthesis of (R,R,R)- and (S,S,S)-schweinfurthin F: Differences of bioactivity in the enantiomeric series. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 911-915.	1.0	43
32	A Cascade Cyclization Approach to Schweinfurthin B. Organic Letters, 2002, 4, 3639-3642.	2.4	42
33	Stereocontrol in Horner-Wadsworth-Emmons condensations of .alpha.-phosphono lactones with aldehydes: a synthesis of integerrinecic acid and senecic acid lactones. Journal of Organic Chemistry, 1993, 58, 5967-5971.	1.7	41
34	Stereoselective Synthesis of (+)-Avarol, (+)-Avarone, and Some Nonracemic Analogues. Journal of Organic Chemistry, 1996, 61, 8775-8779.	1.7	41
35	Mono- and dialkyl isoprenoid bisphosphonates as geranylgeranyl diphosphate synthase inhibitors. Bioorganic and Medicinal Chemistry, 2008, 16, 390-399.	1.4	41
36	Synthesis of Farnesol Analogues through Cu(I)-Mediated Displacements of Allylic THP Ethers by Grignard Reagents. Journal of Organic Chemistry, 1999, 64, 4821-4829.	1.7	40

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37	Synthesis and structureâ€“activity studies of schweinfurthin B analogs: Evidence for the importance of a D-ring hydrogen bond donor in expression of differential cytotoxicity. Bioorganic and Medicinal Chemistry, 2006, 14, 1771-1784.	1.4	40
38	A convenient synthesis of bis(N-methylpiperazinyl)aluminum hydride: a reagent for the reduction of carboxylic acids to aldehydes. Journal of Organic Chemistry, 1984, 49, 2279-2281.	1.7	38
39	(-)-Loliolide, an Ant-Repellent Compound from Xanthoxyllum setulosum. Journal of Natural Products, 1985, 48, 472-473.	1.5	38
40	Synthesis of .alpha.-phosphono lactones and esters through a vinyl phosphate-phosphonate rearrangement. Journal of Organic Chemistry, 1989, 54, 4750-4754.	1.7	38
41	The reaction of vinyl phosphates with iodotrimethylsilane: Synthesis of vinyl iodides from ketones. Tetrahedron Letters, 1993, 34, 2433-2436.	0.7	38
42	Synthesis of Farnesol Isomers via a Modified Wittig Procedure. Organic Letters, 2005, 7, 4803-4806.	2.4	38
43	A Tandem Cascade Cyclizationâ€”Electrophilic Aromatic Substitution: Application in the Total Synthesis of (+)-Angelichalcone. Journal of the American Chemical Society, 2009, 131, 14630-14631.	6.6	38
44	Schweinfurthin A Selectively Inhibits Proliferation and Rho Signaling in Glioma and Neurofibromatosis Type 1 Tumor Cells in a NF1-GRDâ€“Dependent Manner. Molecular Cancer Therapeutics, 2010, 9, 1234-1243.	1.9	38
45	Exploration of Cascade Cyclizations Terminated by Tandem Aromatic Substitution: Total Synthesis of (+)-Schweinfurthin A. Journal of Organic Chemistry, 2011, 76, 909-919.	1.7	38
46	Potent Triazole Bisphosphonate Inhibitor of Geranylgeranyl Diphosphate Synthase. ACS Medicinal Chemistry Letters, 2015, 6, 1195-1198.	1.3	38
47	Mixed Aryl Phosphonate Prodrugs of a Butyrophilin Ligand. ACS Medicinal Chemistry Letters, 2017, 8, 914-918.	1.3	38
48	Syntheses and structure assignments of six azolinone ribonucleosides. Journal of Organic Chemistry, 1982, 47, 474-482.	1.7	37
49	Lasidiol angelate: an ant repellent sesquiterpenoid from Lasiantheae fruticosa. Journal of Organic Chemistry, 1981, 46, 5449-5450.	1.7	36
50	Stereoselective Synthesis of the 5â€˜-Hydroxy-5â€˜-phosphonate Derivatives of Cytidine and Cytosine Arabinoside. Journal of Organic Chemistry, 2002, 67, 9331-9339.	1.7	36
51	Biflora-4,10(19),15-triene: a new diterpene from a termite soldier (Isoptera Termitidae Termitinae). Journal of Organic Chemistry, 1980, 45, 191-192.	1.7	33
52	The 1,3-migration of phosphorus from oxygen to carbon: A new synthesis of Î²-ketophosphonates from enol phosphates. Tetrahedron Letters, 1986, 27, 4265-4268.	0.7	33
53	Palmosalides A-C, new sesquiterpenoids from the indian ocean telestacean octocoral Coelogorgia palmosa. Tetrahedron Letters, 1990, 31, 1973-1976.	0.7	33
54	Geranyl and neryl triazole bisphosphonates as inhibitors of geranylgeranyl diphosphate synthase. Bioorganic and Medicinal Chemistry, 2014, 22, 2791-2798.	1.4	33

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55	Preparation of spirocyclic cyclopropyl ketones through condensation of epoxides with .beta.-keto phosphonates. Journal of Organic Chemistry, 1993, 58, 4584-4588.	1.7	32
56	Phosphonamidate Prodrugs of a Butyrophilin Ligand Display Plasma Stability and Potent Vγ9 Vδ2 T Cell Stimulation. Journal of Medicinal Chemistry, 2018, 61, 8658-8669.	2.9	32
57	Corymbotins A-I: Highly Oxidized Kolovane Derivatives from Casearia corymbosa. Journal of Natural Products, 1991, 54, 1612-1618.	1.5	31
58	Synthesis of phosphonate derivatives of uridine, cytidine, and cytosine arabinoside. Bioorganic and Medicinal Chemistry, 2000, 8, 2501-2509.	1.4	31
59	Syntheses of vinyl silane phosphates: novel synthetic intermediates. Journal of Organic Chemistry, 1989, 54, 738-743.	1.7	30
60	Four neolignan ketones fromPiper capense. Phytochemistry, 1991, 30, 3759-3762.	1.4	29
61	Î±-Phosphono Lactone Analogues of Cytidine and Cytosine Arabinoside Diphosphates:Â Synthesis via Ring Closing Metathesis. Journal of Organic Chemistry, 2003, 68, 6597-6604.	1.7	29
62	Piplaroxide, an Ant-Repellent Piperidine Epoxide fromPiper tuberculatum. Journal of Natural Products, 1996, 59, 794-795.	1.5	28
63	A one-flask synthesis of Î±,Î±-bisphosphonates via enolate chemistry. Tetrahedron Letters, 2002, 43, 8665-8668.	0.7	28
64	Synthesis and Activity of Fluorescent Isoprenoid Pyrophosphate Analogues. Journal of Organic Chemistry, 2004, 69, 8186-8193.	1.7	28
65	Synthesis of fluorescently tagged isoprenoid bisphosphonates that inhibit protein geranylgeranylation. Bioorganic and Medicinal Chemistry, 2007, 15, 1959-1966.	1.4	28
66	Phosphinophosphonates and Their Tris-pivaloyloxymethyl Prodrugs Reveal a Negatively Cooperative Butyrophilin Activation Mechanism. Journal of Medicinal Chemistry, 2017, 60, 2373-2382.	2.9	28
67	Comparative deterrency of two terpenoids to two genera of attine ants. Journal of Chemical Ecology, 1989, 15, 2279-2288.	0.9	27
68	Regiochemistry of the rearrangement of cyclohexenyl and cyclohexadienyl phosphates to .beta.-keto phosphonates. Journal of Organic Chemistry, 1990, 55, 2842-2846.	1.7	27
69	Synthesis and biological evaluation of a series of aromatic bisphosphonates. Bioorganic and Medicinal Chemistry, 2010, 18, 7212-7220.	1.4	27
70	Structural analogues of schweinfurthin F: Probing the steric, electronic, and hydrophobic properties of the D-ring substructure. Bioorganic and Medicinal Chemistry, 2010, 18, 1676-1683.	1.4	27
71	Î±-Methylation enhances the potency of isoprenoid triazole bisphosphonates as geranylgeranyl diphosphate synthase inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 376-385.	1.4	27
72	Isoprenoid Metabolism as a Therapeutic Target in Gram-Negative Pathogens. Current Topics in Medicinal Chemistry, 2010, 10, 1858-1871.	1.0	27

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73	Addition of Organometallic Nucleophiles to Î²-Keto Phosphonates. Journal of Organic Chemistry, 1999, 64, 5205-5212.	1.7	26
74	Opportunities and challenges in development of phosphoantigens as VÎ³9VÎ´2 T cell agonists. Biochemical Pharmacology, 2014, 89, 301-312.	2.0	26
75	Recent Advances in the Development of Mammalian Geranylgeranyl Diphosphate Synthase Inhibitors. Molecules, 2017, 22, 886.	1.7	26
76	Isolation, Growth Characteristics, and Long-Term Storage of Fungi Cultivated by Attine Ants. Applied and Environmental Microbiology, 1989, 55, 1346-1350.	1.4	26
77	Synthesis and reactions of (-)- and (+)-carenones. Journal of Organic Chemistry, 1984, 49, 853-856.	1.7	25
78	Preparation of Î±-Phosphono Lactams via Electrophilic Phosphorus Reagents:Â An Application in the Synthesis of Lactam-Based Farnesyl Transferase Inhibitors. Journal of Organic Chemistry, 2002, 67, 5709-5717.	1.7	25
79	Total synthesis of pawhuskin C: a directed ortho metalation approach. Tetrahedron Letters, 2005, 46, 1321-1324.	0.7	25
80	Synthesis of the schweinfurthin hexahydroxanthene core through Shi epoxidation. Tetrahedron Letters, 2008, 49, 516-519.	0.7	25
81	Triazole-based inhibitors of geranylgeranyltransferase II. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 764-766.	1.0	25
82	A prenylated benzoic acid derivative from the leaves of Piper taboganum. Phytochemistry, 1990, 29, 1787-1788.	1.4	24
83	Sterocontrol in Horner-Wadsworth-Emmons condensations of a gem-dimethylcyclopropyl aldehyde with .alpha.-substituted phosphono acetates. Journal of Organic Chemistry, 1990, 55, 128-132.	1.7	24
84	Synthesis of nucleoside 3â€²-phosphonates via 3â€²-keto nucleosides. Tetrahedron, 1995, 51, 7131-7148.	1.0	24
85	Stereochemistry-dependent inhibition of RAS farnesylation by farnesyl phosphonic acids. Lipids, 1998, 33, 39-46.	0.7	23
86	2-(Acyloxy)ethylphosphonate analogues of prenyl pyrophosphates: synthesis and biological characterization. Bioorganic and Medicinal Chemistry, 2000, 8, 2729-2737.	1.4	23
87	Isoprenoid Pyrophosphate Analogues Regulate Expression of Ras-Related Proteins. Biochemistry, 2003, 42, 4384-4391.	1.2	23
88	Pseudohypericin is necessary for the light-activated inhibition of prostaglandin E2 pathways by a 4 component system mimicking an Hypericum perforatum fraction. Phytochemistry, 2008, 69, 2354-2362.	1.4	23
89	Synthesis and biological activity of a fluorescent schweinfurthin analogue. Bioorganic and Medicinal Chemistry, 2009, 17, 4718-4723.	1.4	23
90	Lucibufagines. Partie III. Oxo-11-et oxo-12-bufalines, stÃ©roÃ¯des dÃ©fensifs des lampyresPhotinus ignitusetP. marginellus (Coleoptera: Lampyridae). Helvetica Chimica Acta, 1979, 62, 1396-1400.	1.0	22

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91	The intramolecular Wadsworth-Emmons condensation of .gamma.-(acyloxy)-.beta.-ketophosphonates. A new route to 3(2H)-furanones. Journal of Organic Chemistry, 1986, 51, 2525-2529.	1.7	22
92	Cissampentin: A new bisbenzylisoquinoline alkaloid from Cissampelos fasciculata. Tetrahedron, 1993, 49, 1337-1342.	1.0	22
93	A novel bisphosphonate inhibitor of squalene synthase combined with a statin or a nitrogenous bisphosphonate in vitro. Journal of Lipid Research, 2011, 52, 1957-1964.	2.0	22
94	Synthesis of phosphonates from .alpha.-hydroxy carbonyl compounds and dialkyl phosphorochloridites. Journal of Organic Chemistry, 1989, 54, 627-631.	1.7	21
95	Regiospecific Vinyl Phosphate/Î²-Keto Phosphonate Rearrangements Initiated by Halogenâ^'Metal Exchange. Journal of Organic Chemistry, 1998, 63, 2613-2618.	1.7	21
96	Synthesis of Acyclic Nucleoside and Nucleotide Analogues from Amino Acids: A Convenient Approach to a PMEAâ€"PMPA Hybrid. Tetrahedron, 2000, 56, 5077-5083.	1.0	21
97	Î±-Phosphono Lactone Analogues of Farnesyl Pyrophosphate:Â An Asymmetric Synthesis via Ring-Closing Metathesis. Journal of Organic Chemistry, 2002, 67, 5701-5708.	1.7	21
98	Bishomoisoprenoid triazole bisphosphonates as inhibitors of geranylgeranyl diphosphate synthase. Bioorganic and Medicinal Chemistry, 2017, 25, 2437-2444.	1.4	21
99	Synthesis of nucleoside 3'-alkylphosphonates: intermediates for assembly of carbon-bridge dinucleotide analogs. Journal of Organic Chemistry, 1993, 58, 7808-7812.	1.7	20
100	First total synthesis of (+)-vedelianin, a potent antiproliferative agent. Tetrahedron Letters, 2011, 52, 1628-1630.	0.7	20
101	Stereoselective Synthesis of Homoneryl and Homogeranyl Triazole Bisphosphonates. Journal of Organic Chemistry, 2016, 81, 9438-9442.	1.7	20
102	Synthesis of isoprenoid bisphosphonate ethers through Câ€"P bond formations: Potential inhibitors of geranylgeranyl diphosphate synthase. Beilstein Journal of Organic Chemistry, 2014, 10, 1645-1650.	1.3	19
103	Olefin Isomers of a Triazole Bisphosphonate Synergistically Inhibit Geranylgeranyl Diphosphate Synthase. Molecular Pharmacology, 2017, 91, 229-236.	1.0	19
104	Three neolignans from the roots of Piper capense. Phytochemistry, 1991, 30, 1649-1652.	1.4	18
105	Regiochemistry of vinyl phosphate/.beta.-keto phosphonate rearrangements in functionalized cyclohexanones and decalones. Journal of Organic Chemistry, 1992, 57, 317-321.	1.7	18
106	Characterization of (E,E)-farnesol and its fatty acid esters from anal scent glands of nutria (Myocastor coypus) by gas chromatographyâ€"mass spectrometry and gas chromatographyâ€"infrared spectrometry. Journal of Chromatography A, 2007, 1165, 136-143.	1.8	18
107	Quadrangolide, a heliangolide from Eupatorium quadrangularae. Phytochemistry, 1987, 26, 1751-1753.	1.4	17
108	Synthesis of optically active methylcyclopentanoids: intermediates for the assembly of complex diterpenoids. Journal of Organic Chemistry, 1990, 55, 5613-5619.	1.7	17

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109	Synthesis of nucleoside Î±-hydroxy phosphonates. Tetrahedron Letters, 1993, 34, 5843-5846.	0.7	17
110	Regioselective ring-closing metathesis on terpenoid acrylates and acrylamides. Tetrahedron Letters, 2001, 42, 6069-6072.	0.7	17
111	Synthesis and Reactivity of Alkyl-1,1,1-trisphosphonate Esters. Journal of Organic Chemistry, 2011, 76, 8807-8813.	1.7	17
112	Synthesis of Indole Analogues of the Natural Schweinfurthins. Journal of Organic Chemistry, 2013, 78, 9291-9302.	1.7	17
113	Cycloaddition reactions of phosphate dienes. Journal of Organic Chemistry, 1988, 53, 2295-2299.	1.7	16
114	Cornutin A and B: novel diterpenoid repellents of leafcutter ants from Cornutia grandifolia. Journal of Organic Chemistry, 1992, 57, 862-866.	1.7	16
115	Temperature Effects on Stereocontrol in the Hornerâ^'Wadsworthâ^'Emmons Condensation of Î±-Phosphono Lactones. Journal of Organic Chemistry, 2007, 72, 6263-6265.	1.7	16
116	Synthesis of the cis-fused hexahydroxanthene system via cationic cascade cyclization. Tetrahedron Letters, 2009, 50, 3881-3884.	0.7	16
117	Site of N-amination of adenine and alkyladenines. Journal of Organic Chemistry, 1974, 39, 3438-3440.	1.7	15
118	Villiramulins A and B: new phenol derivatives from Piper villiramulum. Journal of Organic Chemistry, 1993, 58, 7804-7807.	1.7	15
119	Synthesis of a Carbon Analogue ofN-Acetylmannosamine via Acetolysis on a Relatively Stable Ozonide. Journal of Organic Chemistry, 2002, 67, 7561-7564.	1.7	15
120	Synthesis of 5â€˜-Amino-5â€˜-phosphonate Analogues of Pyrimidine Nucleoside Monophosphates. Journal of Organic Chemistry, 2003, 68, 6108-6114.	1.7	15
121	Synthesis of vinyl silanes from vinyl silane phosphates. Journal of Organic Chemistry, 1989, 54, 743-747.	1.7	14
122	A Convenient Preparation of Î±-Phosphono Esters and Lactones viaC-PBond Formation. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 75, 87-90.	0.8	14
123	Rearrangements of Nonracemic Vinyl Phosphates to .beta.-Keto Phosphonates. Journal of Organic Chemistry, 1994, 59, 8197-8202.	1.7	14
124	Preparation of aromatic farnesol analogues via a Cu(I)-mediated Grignard coupling of THP ethers. Tetrahedron Letters, 1998, 39, 783-786.	0.7	14
125	Prenylated Benzoic Acids fromRapaneamyricoides. Journal of Natural Products, 1998, 61, 1400-1403.	1.5	14
126	Arieianal, a Prenylated Benzoic Acid fromPiperarieianum. Journal of Natural Products, 1999, 62, 367-368.	1.5	14

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127	A new motif for inhibitors of geranylgeranyl diphosphate synthase. Bioorganic and Medicinal Chemistry, 2016, 24, 3734-3741.	1.4	14
128	Facile Conversion of Epoxides to Chlorohydrins with Titanium(IV) Chloride/ 1,8-Diazabicyclo[5.4.0]undec-7-ene. Synthesis, 1986, 1986, 315-317.	1.2	13
129	Fluorescent schweinfurthin B and F analogs with anti-proliferative activity. Bioorganic and Medicinal Chemistry, 2010, 18, 6734-6741.	1.4	13
130	Functional Evaluation of a Fluorescent Schweinfurthin: Mechanism of Cytotoxicity and Intracellular Quantification. Molecular Pharmacology, 2012, 82, 9-16.	1.0	13
131	Stilbenes as Î¹-Selective, Non-nitrogenous Opioid Receptor Antagonists. Journal of Natural Products, 2014, 77, 311-319.	1.5	13
132	Evaluation of a 7â€Methoxycoumarinâ€3â€carboxylic Acid Ester Derivative as a Fluorescent, Cellâ€Cleavable, Phosphonate Protecting Group. ChemBioChem, 2016, 17, 52-55.	1.3	13
133	Stability and Efficiency of Mixed Aryl Phosphonate Prodrugs. ChemMedChem, 2019, 14, 1597-1603.	1.6	13
134	Nitrogen-15-carbon-13 coupling for determination of the site of N-alkylation of nitrogen heterocycles. linear-Benzopurines. Journal of Organic Chemistry, 1976, 41, 3051-3053.	1.7	12
135	Diastereoselective Vinyl Phosphate/Î²-Keto Phosphonate Rearrangements. Journal of Organic Chemistry, 1996, 61, 4040-4045.	1.7	12
136	Synthesis and structure activity relationships of schweinfurthin indoles. Bioorganic and Medicinal Chemistry, 2014, 22, 2542-2552.	1.4	12
137	Tripeptide Probes for Tripeptidyl Protease I Production via Gene Transfer. Journal of Medicinal Chemistry, 2003, 46, 1603-1608.	2.9	11
138	EDC-mediated condensations of 1-chloro-5-hydrazino-9,10-anthracenedione, 1-hydrazino-9,10-anthracenedione, and the corresponding anthrapyrazoles. Tetrahedron Letters, 2004, 45, 4977-4980.	0.7	11
139	Synthesis of Arieianal, a Prenylated Benzoic Acid fromPiperarieianum. Journal of Natural Products, 2005, 68, 1375-1379.	1.5	11
140	A Concise Synthesis of Pawhuskin A. Journal of Natural Products, 2008, 71, 1949-1952.	1.5	11
141	Synthesis of dialkyl and diaryl benzylphosphonates through a ZnI2-mediated reaction. Tetrahedron Letters, 2012, 53, 6682-6684.	0.7	11
142	Synthesis and Bioactivity of the Alanyl Phosphonamidate Stereoisomers Derived from a Butyrophilin Ligand. ACS Medicinal Chemistry Letters, 2019, 10, 1284-1289.	1.3	11
143	Effect of C-9 Substituents on the Regioselectivity of A-Ring Reactions in Derivatives of the Wieland-Miescher Ketone. Journal of Organic Chemistry, 1994, 59, 6313-6317.	1.7	10
144	The cycloaddition of diethyl chlorophosphite with norbornadiene: Synthesis and crystal structure of the cycloadduct.. Journal of Heterocyclic Chemistry, 1996, 33, 979-981.	1.4	10

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145	Application of benzyl protecting groups in the synthesis of prenylated aromatic compounds. Tetrahedron Letters, 2005, 46, 3871-3874.	0.7	10
146	Biologically active biotin derivatives of schweinfurthin F. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6716-6720.	1.0	10
147	N-Oxide derivatives of 3-(3-pyridyl)-2-phosphonopropanoic acids as potential inhibitors of Rab geranylgeranylation. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2331-2334.	1.0	10
148	3â€Deoxyschweinfurthin B Lowers Cholesterol Levels by Decreasing Synthesis and Increasing Export in Cultured Cancer Cell Lines. Lipids, 2015, 50, 1195-1207.	0.7	10
149	Isoprenoid Amide Bisphosphonates As a Novel Class of Geranylgeranyl Diphosphate Synthase Inhibitors. Blood, 2018, 132, 4679-4679.	0.6	10
150	Synthesis of cytosine radiolysis products: cis- and trans-1-carbamoyl-4,5-dihydroxyimidazolidin-2-one. Journal of the American Chemical Society, 1976, 98, 8218-8221.	6.6	9
151	Dammara-20,25-dien-3Î²,24Î±-diol: A natural repellent of Acromyrmex octospinosus. Phytochemistry, 1990, 29, 783-785.	1.4	9
152	Relevance of the C-5 position to schweinfurthin induced cytotoxicity. Bioorganic and Medicinal Chemistry, 2011, 19, 7570-7581.	1.4	9
153	Capentin: A novel sesquiterpene from the roots of Piper capense. Tetrahedron Letters, 1992, 33, 5673-5676.	0.7	8
154	Copper-mediated displacements of allylic THP ethers on a bisphosphonate template. Journal of Organometallic Chemistry, 2005, 690, 2521-2530.	0.8	8
155	Synthesis of amide isosteres of schweinfurthin-based stilbenes. Bioorganic and Medicinal Chemistry, 2017, 25, 5483-5489.	1.4	8
156	Ï‰-Hydroxy isoprenoid bisphosphonates as linkable GGDPS inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126633.	1.0	8
157	Stereocontrolled regeneration of olefins from epoxides. Tetrahedron Letters, 2016, 57, 1335-1337.	0.7	7
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