

# Steven M Weinreb

## List of Publications by Year in descending order

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84  
papers

6,236  
citations

70961

41  
h-index

69108

77  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry of the chippine/dippinine/tronocarpine class of indole alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2021, 85, 177-222.	0.8	3
2	The Alstoscholarisine Alkaloids: Isolation, Structure Determination, Biogenesis, Biological Evaluation, and Synthesis. <i>The Alkaloids Chemistry and Biology</i> , 2019, 81, 115-150.	0.8	5
3	Synthesis of Alstoscholarisines A-E, Monoterpene Indole Alkaloids with Modulating Effects on Neural Stem Cells. <i>Journal of Organic Chemistry</i> , 2018, 83, 5877-5896.	1.7	15
4	Total Syntheses of the Monoterpenoid Indole Alkaloids (±)-Alstoscholarisine...B and C. <i>Angewandte Chemie</i> , 2017, 129, 16901-16903.	1.6	4
5	Total Syntheses of the Monoterpenoid Indole Alkaloids (±)-Alstoscholarisine...B and C. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16674-16676.	7.2	22
6	Construction of the Myrioneuron Alkaloids: A Total Synthesis of (±)-Myrioneurinol. <i>Journal of Organic Chemistry</i> , 2015, 80, 1116-1129.	1.7	23
7	Total Syntheses of the Monoterpene Indole Alkaloids (±)-Alstilobanine A and E and (±)-Angustilodine. <i>Journal of Organic Chemistry</i> , 2014, 79, 7-24.	1.7	29
8	Total Synthesis of the Tetracyclic Antimalarial Alkaloid (±)-Myrioneurinol. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14162-14165.	7.2	28
9	Convergent Approach to the Tetracyclic Core of the Apparicine Class of Indole Alkaloids via a Key Intermolecular Nitrosoalkene Conjugate Addition. <i>Journal of Organic Chemistry</i> , 2014, 79, 6389-6393.	1.7	12
10	Regioselective ±-Monochlorination of N-Protected-3-piperidones. <i>Heterocycles</i> , 2012, 84, 577.	0.4	6
11	Total Synthesis of the Unusual Monoterpenoid Indole Alkaloid (±)-Alstilobanine...A. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12846-12849.	7.2	26
12	Stereochemical investigation of conjugate additions of carbon- and heteronucleophiles to ring-substituted nitrosocyclohexenes. <i>Tetrahedron</i> , 2011, 67, 8229-8234.	1.0	16
13	Investigation of the Stereochemistry of Intermolecular Conjugate Additions of Nucleophiles to Acyclic Nitrosoalkenes. <i>Organic Letters</i> , 2011, 13, 1258-1260.	2.4	22
14	Further Studies of Intramolecular Michael Reactions of Nitrosoalkenes for Construction of Functionalized Bridged Ring Systems. <i>Journal of Organic Chemistry</i> , 2011, 76, 2094-2101.	1.7	22
15	Total Synthesis of the Polycyclic Fungal Metabolite (±)-Communesin...F. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2000-2003.	7.2	103
16	Efficient methodology for alkylation of vinylnitroso compounds with carbon nucleophiles. <i>Tetrahedron Letters</i> , 2010, 51, 2032-2035.	0.7	25
17	Evolution of a Strategy for Total Synthesis of the Marine Fungal Alkaloid (±)-Communesin F. <i>Journal of Organic Chemistry</i> , 2010, 75, 2667-2680.	1.7	47
18	Exploratory studies toward a total synthesis of the marine ascidian metabolite perophoramidine. <i>Tetrahedron</i> , 2009, 65, 6712-6719.	1.0	33

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19	Total synthesis of the Securinega alkaloids. <i>Natural Product Reports</i> , 2009, 26, 758.	5.2	67
20	Total Synthesis of the Securinega Alkaloid (âˆ“)-Secuâ€™amamine A. <i>Journal of the American Chemical Society</i> , 2008, 130, 7562-7563.	6.6	54
21	A New Total Synthesis of the Zinc Matrixmetalloproteinase Inhibitor Ageladine A Featuring a Biogenetically Patterned 6Î€-2-Azatriene Electrocyclization. <i>Organic Letters</i> , 2007, 9, 853-855.	2.4	46
22	Application of a 6Î€-1-Azatriene Electrocyclization Strategy to the Total Synthesis of the Marine Sponge Metabolite Ageladine A and Biological Evaluation of Synthetic Analogues. <i>Journal of Organic Chemistry</i> , 2007, 72, 4892-4899.	1.7	44
23	Construction of Bridged and Fused Ring Systems via Intramolecular Michael Reactions of Vinylnitroso Compounds. <i>Journal of the American Chemical Society</i> , 2007, 129, 10342-10343.	6.6	34
24	A convergent total synthesis of the marine sponge alkaloid ageladine A via a strategic 6Î€-2-azatriene electrocyclization. <i>Tetrahedron</i> , 2007, 63, 9112-9119.	1.0	28
25	Some recent advances in the synthesis of polycyclic imidazole-containing marine natural products. <i>Natural Product Reports</i> , 2007, 24, 931.	5.2	164
26	A Study of the Scope and Regioselectivity of the Ruthenium-Catalyzed [3 + 2]-Cycloaddition of Azides with Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2006, 71, 8680-8683.	1.7	224
27	Construction of Î²-Haloenamides via Direct Copper-Promoted Coupling of Lactams with 2-Chloro and 2-Bromo Vinyl iodides. <i>Organic Letters</i> , 2006, 8, 1779-1781.	2.4	61
28	Total Synthesis of Ageladine A, an Angiogenesis Inhibitor from the Marine Sponge <i>Agelas nakamurai</i> . <i>Organic Letters</i> , 2006, 8, 1443-1446.	2.4	80
29	Synthetic Studies on Perophoramidine and the Communesins:Â Construction of the Vicinal Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2006, 71, 8891-8900.	1.7	60
30	Construction of an Advanced Tetracyclic Intermediate for Total Synthesis of the Marine Alkaloid Sarain A. <i>Journal of Organic Chemistry</i> , 2006, 71, 2078-2089.	1.7	41
31	Studies on Total Synthesis of the Cylindricine/Fasicularin/Lepadiformine Family of Tricyclic Marine Alkaloids. <i>Chemical Reviews</i> , 2006, 106, 2531-2549.	23.0	126
32	Î²-Tosylethylazide: a useful synthon for preparation of N-protected 1,2,3-triazoles via click chemistry. <i>Tetrahedron Letters</i> , 2006, 47, 3035-3038.	0.7	50
33	An approach to total synthesis of the cylindricine B pyridoquinoline subclass of tricyclic marine ascidian alkaloids. <i>Tetrahedron Letters</i> , 2006, 47, 3815-3818.	0.7	22
34	Explorations on the Total Synthesis of the Unusual Marine Alkaloid Chartelline A. <i>Journal of Organic Chemistry</i> , 2006, 71, 3159-3166.	1.7	84
35	An efficacious method for the halogenation of Î²-dicarbonyl compounds under mildly acidic conditions. <i>Tetrahedron Letters</i> , 2005, 46, 4749-4751.	0.7	43
36	Synthesis of Î²-tosylethylhydrazine and its use in preparation of N-protected pyrazoles and 5-aminopyrazoles. <i>Tetrahedron</i> , 2004, 60, 901-906.	1.0	31

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37	Synthesis of $\hat{1}^2$ -Tosylethylhydrazine and Its Use in Preparation of N-Protected Pyrazoles and 5-Aminopyrazoles.. ChemInform, 2004, 35, no.	0.1	0
38	A Mild, Convenient, and Inexpensive Procedure for Conversion of Vinyl Halides to $\hat{1}\pm$ -Haloketones.. ChemInform, 2003, 34, no.	0.1	0
39	An Approach to the Total Synthesis of the Marine Ascidian Metabolite Perophoramidine via a Halogen-Selective Tandem Heck/Carbonylation Strategy. Organic Letters, 2003, 5, 1523-1526.	2.4	88
40	Lepadiformine:â€™ A Case Study of the Value of Total Synthesis in Natural Product Structure Elucidation. Accounts of Chemical Research, 2003, 36, 59-65.	7.6	79
41	Studies of Intramolecular Cyclizations of N-Acyliminium Ions Derived from Acyclic Ketones:â€™ Unanticipated Stereochemical and Structural Results. Organic Letters, 2003, 5, 2915-2918.	2.4	5
42	The First Examples of Ring-Closing Olefin Metathesis of Vinyl Chlorides. Organic Letters, 2003, 5, 2505-2507.	2.4	70
43	A Mild, Convenient, and Inexpensive Procedure for Conversion of Vinyl Halides to $\hat{1}\pm$ -Haloketones. Journal of Organic Chemistry, 2003, 68, 3323-3326.	1.7	41
44	In Vitro Hepatotoxicity of the Cyanobacterial Alkaloid Cylindrospermopsin and Related Synthetic Analogues. Toxicological Sciences, 2002, 67, 81-87.	1.4	107
45	Stereoselective Total Syntheses of the Racemic Form and the Natural Enantiomer of the Marine Alkaloid Lepadiformine via a Novel N-Acyliminium Ion/Allylsilane Spirocyclization Strategy. Journal of Organic Chemistry, 2002, 67, 4337-4345.	1.7	88
46	A New Total Synthesis of the Marine Tunicate Alkaloid Lepadiformine. Organic Letters, 2001, 3, 3507-3510.	2.4	55
47	Stereoselective Total Synthesis of the Cyanobacterial Hepatotoxin 7-Epicylindrospermopsin:â€™ Revision of the Stereochemistry of Cylindrospermopsin. Journal of the American Chemical Society, 2001, 123, 8851-8853.	6.6	44
48	Development of efficient new methodology for generation, cyclization and functional trapping of iminyl and amidyl radicals. Tetrahedron, 2001, 57, 8779-8791.	1.0	46
49	Synthetic lessons from quinine. Nature, 2001, 411, 429-431.	13.7	14
50	A New Enantioselective Approach to Total Synthesis of the Securinega Alkaloids: Application to ( $\hat{a}^*$ )-Norsecurinine and Phyllanthine. Angewandte Chemie - International Edition, 2000, 39, 237-240.	7.2	39
51	A mild new procedure for production, cyclization and trapping of amidyl radicals: application to a formal total synthesis of peduncularine. Tetrahedron Letters, 2000, 41, 2333-2337.	0.7	50
52	Radical-based methodology for efficient generation of acyclic N-acylimines. Tetrahedron Letters, 2000, 41, 9199-9204.	0.7	22
53	Studies on total synthesis of cylindrospermopsin: new constructions of uracils from $\hat{1}\pm, \hat{1}^2$ -unsaturated esters. Tetrahedron Letters, 2000, 41, 4307-4310.	0.7	22
54	Total Syntheses of the Securinega Alkaloids (+)-14,15-Dihydronorsecurinine, ( $\hat{a}^*$ )-Norsecurinine, and Phyllanthineâ€™. Journal of Organic Chemistry, 2000, 65, 6293-6306.	1.7	102

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55	Methodology for Regioselective Synthesis of Substituted Pyridines via Intramolecular Oximino Malonate Hetero Diels-Alder Reactions. <i>Organic Letters</i> , 2000, 2, 4007-4009.	2.4	34
56	Total Synthesis of the Antitumor Marine Sponge Alkaloid Agelastatin A. <i>Journal of the American Chemical Society</i> , 1999, 121, 9574-9579.	6.6	115
57	Further Studies on Total Synthesis of Sarain A. Efforts Toward Annulation of the Macrocyclic Rings. <i>Journal of Organic Chemistry</i> , 1999, 64, 587-595.	1.7	51
58	An Intramolecular Nitron-Olefin Dipolar Cycloaddition-Based Approach to Total Synthesis of the Cylindricine and Lepadiformine Marine Alkaloids. <i>Journal of Organic Chemistry</i> , 1999, 64, 4865-4873.	1.7	83
59	A Convergent Stereoselective Synthesis of the Putative Structure of the Marine Alkaloid Lepadiformine via an Intramolecular Nitron/1,3-Diene Dipolar Cycloaddition. <i>Journal of Organic Chemistry</i> , 1999, 64, 686-687.	1.7	65
60	A New Method for the Generation and Cyclization of Iminyl Radicals via the Hudson Reaction. <i>Organic Letters</i> , 1999, 1, 637-640.	2.4	58
61	Studies on Total Synthesis of the Cytotoxic Marine Alkaloid Agelastatin A. <i>Journal of Organic Chemistry</i> , 1998, 63, 7594-7595.	1.7	46
62	BIOMIMETIC AND SYNTHETIC APPROACHES TO MARINE SPONGE ALKALOIDS DERIVED FROM BIS-PYRIDINE MACROCYCLES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1998, 30, 1-51.	0.6	62
63	Studies on the Synthesis of Pinnaic Acid and Halichlorine. Stereoselective Preparation of a (Z)-1-Chloro-1,1-unsaturated-2-keto Phosphonate as a Side Chain Synthone. <i>Journal of Organic Chemistry</i> , 1998, 63, 6739-6741.	1.7	31
64	N-sulfonyl imines - Useful synthons in stereoselective organic synthesis. <i>Topics in Current Chemistry</i> , 1997, , 131-184.	4.0	139
65	A 1-Hydroxyethyl Carbanion Equivalent. <i>Journal of Organic Chemistry</i> , 1997, 62, 3758-3761.	1.7	15
66	tert-Butylsulfonyl (Bus), a New Protecting Group for Amines. <i>Journal of Organic Chemistry</i> , 1997, 62, 8604-8608.	1.7	135
67	Imino Diels-Alder-Based Construction of a Piperidine A-Ring Unit for Total Synthesis of the Marine Hepatotoxin Cylindrospermopsin. <i>Journal of Organic Chemistry</i> , 1996, 61, 4594-4599.	1.7	54
68	Catalytic Antibodies in Synthesis: Design and Synthesis of a Hapten for Application to the Preparation of a Scalemic Pyrrolidine Ring Synthone for Ptilomycalin A. <i>Journal of Organic Chemistry</i> , 1996, 61, 125-132.	1.7	20
69	Synthetic applications of a novel pericyclic imino ene reaction of allenyl silanes. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 1429-1436.	1.4	11
70	Development of methodology for amide oxidation and its application to total synthesis of securinine alkaloids. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 1437-1443.	1.4	9
71	Exploratory Synthetic Studies of the 1-Methoxylation of Amides via Cuprous Ion-Promoted Decomposition of o-Diazobenzamides. <i>Journal of Organic Chemistry</i> , 1996, 61, 9483-9493.	1.7	89
72	Total Synthesis of the Unusual Marine Alkaloid (-)-Papuanine Utilizing a Novel Imino Ene Reaction. <i>Journal of the American Chemical Society</i> , 1995, 117, 10905-10913.	6.6	67

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73	A convenient synthetic method for amide oxidation. <i>Tetrahedron Letters</i> , 1994, 35, 5813-5816.	0.7	42
74	.beta.-Tosylethylamine: A Useful Reagent for Preparation of N-Protected Amides, Carbamates, and Related Compounds. Application to Synthesis of .beta.-Lactams. <i>Journal of Organic Chemistry</i> , 1994, 59, 5856-5857.	1.7	35
75	Synthetic Applications of N-Sulfonyl Imines. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1992, 101, 381-392.	0.0	5
76	Heterodienophile Additions to Dienes. , 1991, , 401-449.		97
77	Allylation of N-Sulfonyl Imines Produced In Situ from Aldehydes and N-Sulfinyl-p-toluenesulfonamide. <i>Synthetic Communications</i> , 1990, 20, 573-579.	1.1	14
78	Synthetic methodology based upon N-sulfinyl dienophile [4 + 2]-cycloaddition reactions. <i>Accounts of Chemical Research</i> , 1988, 21, 313-318.	7.6	59
79	A Synthetic Equivalent for Ortho-Lithio-N-Methylaniline. <i>Synthetic Communications</i> , 1988, 18, 1035-1041.	1.1	7
80	Synthetic and stereochemical aspects of intramolecular [4 + 2] cycloadditions of N-acyl iminium compounds with alkene and alkyne dienophiles. <i>Journal of Organic Chemistry</i> , 1986, 51, 3248-3250.	1.7	34
81	Î²-Trimethylsilylethanesulfonyl chloride (SES-Cl): A new reagent for protection of amines. <i>Tetrahedron Letters</i> , 1986, 27, 2099-2102.	0.7	157
82	Applications of N-Sulfinyl Dienophile Diels-Alder Cycloadditions to Synthesis of Unusual Amino Sugars. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1986, 95, 1021-1031.	0.0	6
83	An Alternative Procedure for the Aluminum-Mediated Conversion of Esters to Amides. <i>Synthetic Communications</i> , 1982, 12, 989-993.	1.1	388
84	N-methoxy-n-methylamides as effective acylating agents. <i>Tetrahedron Letters</i> , 1981, 22, 3815-3818.	0.7	1,697