

Madeleine M JoulliÃ©

List of Publications by Year in descending order

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140
papers

3,496
citations

126907

33
h-index

189892

50
g-index

145
all docs

145
docs citations

145
times ranked

2684
citing authors

#	ARTICLE	IF	CITATIONS
1	Total synthesis and structural investigations of didemnins A, B, and C. <i>Journal of the American Chemical Society</i> , 1990, 112, 7659-7672.	13.7	139
2	Natural products as probes of cell biology: 20 years of didemnin research. <i>Medicinal Research Reviews</i> , 2002, 22, 102-145.	10.5	129
3	The development of novel ninhydrin analogues. <i>Chemical Society Reviews</i> , 2005, 34, 408-417.	38.1	120
4	Mechanism of imidazole catalysis in the curing of epoxy resins. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1983, 21, 1475-1490.	0.8	108
5	Grignard reactions to chiral oxazolidine aldehydes. <i>Tetrahedron</i> , 1996, 52, 11673-11694.	1.9	105
6	Total synthesis of (-)-nummularine F. <i>Journal of the American Chemical Society</i> , 1992, 114, 10181-10189.	13.7	98
7	Cyclopeptide alkaloids: chemistry and biology. <i>Chemical Communications</i> , 2004, , 2011-2015.	4.1	73
8	A Central Strategy for Converting Natural Products into Fluorescent Probes. <i>ChemBioChem</i> , 2006, 7, 409-416.	2.6	72
9	Didemnins, tamandarins and related natural products. <i>Natural Product Reports</i> , 2012, 29, 404.	10.3	72
10	Model studies directed toward the total synthesis of 14-membered cyclopeptide alkaloids: synthesis of prolyl peptides via a four-component condensation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989, , 857-865.	0.9	67
11	Evolution of the Total Syntheses of Ustiloxin Natural Products and Their Analogues. <i>Journal of the American Chemical Society</i> , 2008, 130, 2351-2364.	13.7	67
12	Synthesis of New Didemnin B Analogs for Investigations of Structure/Biological Activity Relationships. <i>Journal of Organic Chemistry</i> , 1994, 59, 5192-5205.	3.2	65
13	A Regio- and Stereoselective Approach to Quaternary Centers from Chiral Trisubstituted Aziridines. <i>Journal of the American Chemical Society</i> , 2007, 129, 14463-14469.	13.7	62
14	Progress toward the Total Synthesis of Callipeltin A (I): Asymmetric Synthesis of (3S,4R)-3,4-Dimethylglutamine. <i>Organic Letters</i> , 2000, 2, 4157-4160.	4.6	61
15	Total Synthesis of Isoroquefortine C. <i>Journal of Organic Chemistry</i> , 2002, 67, 620-624.	3.2	61
16	1,2-Indanediones: New Reagents for Visualizing the Amino Acid Components of Latent Prints. <i>Journal of Forensic Sciences</i> , 1998, 43, 744-747.	1.6	54
17	Comparative Study of Selected Coupling Reagents in Dipeptide Synthesis. <i>Synthetic Communications</i> , 1993, 23, 349-356.	2.1	52
18	Ring Opening of a Trisubstituted Aziridine With Amines: Regio- and Stereoselective Formation of Substituted 1,2-Diamines. <i>Organic Letters</i> , 2010, 12, 4244-4247.	4.6	47

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37	Enantioselective Total Syntheses of Trichodermamides A and B. <i>Journal of the American Chemical Society</i> , 2008, 130, 17236-17237.	13.7	33
38	The First Total Synthesis of (âˆ™)-Tamandarin A. <i>Organic Letters</i> , 1999, 1, 1319-1322.	4.6	32
39	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
40	Progress Towards the Total Synthesis of Trichodermamides A and B:Â Construction of the Oxazine Ring Moiety. <i>Organic Letters</i> , 2007, 9, 977-980.	4.6	31
41	Studies directed toward the total synthesis of 14-membered cyclopeptide alkaloids: Synthesis of a cyclic precursor to nummularine-F. <i>Tetrahedron Letters</i> , 1989, 30, 7021-7024.	1.4	29
42	Stereoselective Synthesis of Four Stereoisomers of Î²-Methoxytyrosine, a Component of Callipeltin A. <i>Journal of Organic Chemistry</i> , 2005, 70, 3120-3126.	3.2	29
43	1,3-dialkylimidazolium salts as latent catalysts in the curing of epoxy resins. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1983, 21, 633-638.	0.4	28
44	Total synthesis of sanjoinine A (franguloline). <i>Tetrahedron Letters</i> , 1998, 39, 9631-9632.	1.4	28
45	The synthesis and chemical reactivity of thieno[2,3-â€‹i>c</i>]â€‹and thieno[3,2-â€‹i>c</i>] pyridines. <i>Journal of Heterocyclic Chemistry</i> , 1970, 7, 1257-1268.	2.6	26
46	Inhibition of Protein Synthesis by Didemnins:â€‰ Cell Potency and SAR. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4212-4218.	6.4	26
47	Total Syntheses of Conformationally Constrained Didemnin B Analogues. Replacements of N,O-Dimethyltyrosine with 1,2,3,4-Tetrahydroisoquinoline and 1,2,3,4-Tetrahydro-7-methoxyisoquinoline. <i>Journal of Organic Chemistry</i> , 2001, 66, 7575-7587.	3.2	26
48	Total Synthesis of a Conformationally Constrained Didemnin B Analog. <i>Journal of Organic Chemistry</i> , 2001, 66, 2734-2742.	3.2	25
49	Synthesis and properties of fluorineâ€‹containing heterocyclic compounds. I. trifluoromethyl quinolines. <i>Journal of Heterocyclic Chemistry</i> , 1965, 2, 113-119.	2.6	24
50	Synthesis of dihydromauritine A, a reduced cyclopeptide alkaloid. <i>Journal of Organic Chemistry</i> , 1984, 49, 1013-1021.	3.2	24
51	<i>N</i>-Alkylation of Amino Acid Esters Using Sodium Triacetoxyborohydride. <i>Synthetic Communications</i> , 1996, 26, 1379-1384.	2.1	24
52	Synthesis of a Reduced Ring Analog of Didemnin B. <i>Journal of Organic Chemistry</i> , 1997, 62, 4961-4969.	3.2	24
53	A stereoselective synthesis of (2S,3R)-Î²-methoxyphenylalanine: a component of cyclomarin A. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3963-3969.	1.8	24
54	A Synthesis of Two Novel Benzo[f]ninhadrin Analogs: 6-Methoxybenzo[f]ninhadrin and Thieno[f]ninhadrin. <i>Synthetic Communications</i> , 1991, 21, 1055-1069.	2.1	23

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55	Comparative study of selected reagents for carboxyl activation. <i>Tetrahedron Letters</i> , 1993, 34, 6705-6708.	1.4	23
56	Hetero-Diels-Alder and pyroglutamate approaches to (2S,4R)-2-methylamino-5-hydroxy-4-methylpentanoic acid. <i>Tetrahedron</i> , 2004, 60, 10277-10284.	1.9	23
57	Synthesis and biological activity of [Tic5] didemnin B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 3653-3656.	2.2	22
58	Synthesis and biological activities of [N-MeLeu5]- and [N-MePhe5]-didemnin B. <i>Tetrahedron</i> , 1999, 55, 313-334.	1.9	22
59	First Total Synthesis of a Fluorescent Didemnin. <i>Tetrahedron</i> , 2000, 56, 3687-3690.	1.9	21
60	1,2,3-benzotriazines. I. The synthesis of some benzimidazo [1,2-c][1,2,3]benzotriazines and naphth[1 α ,2,2(2 α ,1 α):4,5]imidazo[1,2-c][1,2,3]benzotriazine. <i>Journal of Heterocyclic Chemistry</i> , 1966, 3, 289-298.	2.6	20
61	Synthetic studies of didemnins. i. revision of the stereochemistry of the hydroxyisovalerylpropionyl (hip) unit. <i>Tetrahedron</i> , 1986, 42, 5863-5868.	1.9	20
62	Synthesis of β -Unsaturated and γ -Unsaturated α -Amino Acids from Fragmentation of β - and γ -Lactones. <i>Journal of Organic Chemistry</i> , 2004, 69, 815-820.	3.2	20
63	A stereoselective synthesis of (2S,4R)- β -hydroxyleucine methyl ester: a component of cyclomarin A. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3623-3627.	1.8	20
64	A stereoselective synthetic approach to (2S,3R)-N-(1-dimethyl-2-epoxypropyl)-3-hydroxytryptophan, a component of cyclomarin A. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 15-21.	1.8	20
65	Novel design and approach to latent fingerprint detection on paper using a 1,2-indanedione-based bi-functional reagent. <i>Tetrahedron Letters</i> , 2015, 56, 3378-3381.	1.4	20
66	Synthesis of 3S-Pyrrolidinol from L-Glutamic Acid. <i>Synthetic Communications</i> , 1986, 16, 1815-1822.	2.1	19
67	Synthesis of (2R, 3S, 4R)-2-Hydroxymethyl-3,4-Dihydropyrrolidine Hydrochloride from D-Glucose. <i>Synthetic Communications</i> , 1988, 18, 275-283.	2.1	19
68	Esterification via Acid Fluoride Activation. <i>Synthetic Communications</i> , 1994, 24, 2367-2377.	2.1	19
69	Synthetic studies of 14-membered cyclopeptide alkaloids. <i>Tetrahedron Letters</i> , 1998, 39, 7211-7214.	1.4	19
70	Selective Removal of Fluorenylmethoxycarbonyl (Fmoc) Groups Under Mild Conditions. <i>Synthetic Communications</i> , 1994, 24, 187-195.	2.1	18
71	A Convenient Synthesis of 1,2-Diaminobenzimidazoles and Their Oxidation to 3-Amino-1,2,4-Benzotriazines. <i>Synthetic Communications</i> , 1976, 6, 457-460.	2.1	17
72	Synthesis of Substituted 2,5-Dihydrothiophene-2-Carboxylic Acids by Lithium/Ammonia Reduction. <i>Synthetic Communications</i> , 1981, 11, 881-888.	2.1	17

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73	Synthetic studies of a constrained ring didemnin analog. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 519-522.	1.8	16
74	Synthetic Routes to a Constrained Ring Analog of Didemnin B. <i>Journal of Organic Chemistry</i> , 1996, 61, 1655-1664.	3.2	16
75	Structure-activity relationships of ustiloxin analogues. <i>Tetrahedron Letters</i> , 2011, 52, 2136-2139.	1.4	15
76	Synthesis and properties of fluorine-containing heterocyclic compounds. II. trifluoromethyl benzo[h]quinolines, benzo[h]-1,6-naphthyridines, 1,7- and 1,10-phenanthrolines. <i>Journal of Heterocyclic Chemistry</i> , 1965, 2, 120-125.	2.6	14
77	Studies Directed Toward the Total Synthesis of 14-Membered Cyclopeptide Alkaloids: Synthesis of a Linear Precursor to Nummularine-F. <i>Synthetic Communications</i> , 1990, 20, 459-467.	2.1	14
78	Structure-activity relationships of side-chain modified didemnins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 231-234.	2.2	14
79	Application of a thermal rearrangement reaction to questions of structure of condensed dihydrodiazepinones: Characterization of the isomeric diazepinone products from 3,4-diaminotoluene and ethyl 4,4-trifluoroacetate. <i>Journal of Heterocyclic Chemistry</i> , 1971, 8, 1015-1018.	2.6	13
80	A Facile Synthesis of 11-Dodecynal. <i>Synthetic Communications</i> , 1984, 14, 591-597.	2.1	13
81	Synthesis of the C5-C9 Fragment of the Polypropionate Unit of the Geodiamolides and Jaspamide. <i>Synthetic Communications</i> , 1989, 19, 3379-3383.	2.1	13
82	Synthesis of Bicyclic Cyclopropyl- amines from Amino Acid Derivatives. <i>Heterocycles</i> , 2006, 67, 519.	0.7	13
83	Possible Reason for the Unusual Regioselectivity in Nucleophilic Ring Opening of Trisubstituted Aziridines under Mildly Basic Conditions. <i>Journal of Organic Chemistry</i> , 2014, 79, 5121-5133.	3.2	13
84	Stereoselective synthesis of a conformationally restricted β -hydroxy- α -amino acid. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3043-3046.	1.8	12
85	Synthesis and properties of fluorine-containing heterocyclic compounds. V. Trifluoromethyl- and 1,10-phenanthrolines. <i>Journal of Heterocyclic Chemistry</i> , 1967, 4, 539-545.	2.6	11
86	Synthetic C-Nucleosides. <i>Synthetic Communications</i> , 1986, 16, 35-42.	2.1	11
87	Synthesis and biological activities of [N-MeLeu5] didemnin B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2713-2716.	2.2	11
88	Reaction of 1,2-indanedione with 3,5-dimethoxyaniline. <i>Tetrahedron</i> , 1998, 54, 15121-15126.	1.9	11
89	Facile Ring-Opening of Azabicyclic [3.1.0]- and [4.1.0] Aminocyclopropanes to Afford 3-Piperidinone and 3-Azepinone. <i>Organic Letters</i> , 2011, 13, 1083-1085.	4.6	11
90	Fine-tuning latent fingerprint detection on paper using 1,2-indanedione bi-functional reagents. <i>Tetrahedron</i> , 2015, 71, 7620-7629.	1.9	11

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91	Benzimidazolinetriones. Reactions of 2,5,6- and 2,4,7-benzimidazolinetriones. Journal of Heterocyclic Chemistry, 1970, 7, 39-42.	2.6	10
92	Total Synthesis of [(2S)-Hiv2]Didemnin M. Journal of Organic Chemistry, 2000, 65, 4762-4765.	3.2	10
93	Formation of yohimbanones via a novel rearrangement. Tetrahedron, 2003, 59, 6933-6936.	1.9	10
94	Synthesis and Biological Evaluation of Tamandarin B Analogues. Organic Letters, 2006, 8, 511-514.	4.6	10
95	Joining Forces: Fermentation and Organic Synthesis for the Production of Complex Heterocycles. Journal of Organic Chemistry, 2016, 81, 10136-10144.	3.2	10
96	Approaches to Cyclophane-Types of Cyclopeptide Alkaloids. Chemical Record, 2021, 21, 906-923.	5.8	10
97	1,2,3-benzotriazines. II. Reactions of benzimidazo[1,2-c][1,2,3]benzotriazines and naphth[1,2,2a(2,1):4,5]imidazo[1,2-c][1,2,3]benzotriazine. Journal of Heterocyclic Chemistry, 1966, 3, 444-449.	2.6	9
98	Substituted azabicyclo[3.1.0]hexan-1-ols from aspartic and glutamic acid derivatives via titanium-mediated cyclopropanation. Tetrahedron Letters, 2008, 49, 6512-6513.	1.4	9
99	Total synthesis of isoroquefortine E and phenylahistin. Tetrahedron Letters, 2009, 50, 6755-6757.	1.4	9
100	Synthetic Studies of Tamandarin B Side Chain Analogues. Journal of Organic Chemistry, 2010, 75, 3027-3036.	3.2	9
101	Total synthesis of the reported structure of ceanothine D via a novel macrocyclization strategy. Chemical Science, 2018, 9, 2432-2436.	7.4	9
102	Diels-Alder reactions of 5,8-quinolinec1one. Journal of Heterocyclic Chemistry, 1967, 4, 133-136.	2.6	8
103	[Lys3]didemnins as potential affinity ligands. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 13-16.	2.2	8
104	Quinoxalinediones. I. Synthesis of 6-methyl-5,8-quinoxalinediones. Journal of Heterocyclic Chemistry, 1964, 1, 171-174.	2.6	7
105	5,8-Quinoxalinediones. IV. Synthesis of some N-substituted 6-amino-5,8-quinoxalinediones. Journal of Heterocyclic Chemistry, 1966, 3, 529-530.	2.6	7
106	1,2,3-Benzotriazines. III. the synthesis of pyrido[2,2(3,2):4,5]imidazo[1,2-c][1,2,3]benzotriazine and pyrido[3,4(4,3):4,5]imidazo[1,2-c][1,2,3]benzotriazine. Journal of Heterocyclic Chemistry, 1968, 7, 301-302.	2.6	7
107	New Synthetic Pathways to Tilorone Hydrochloride. Synthetic Communications, 1976, 6, 371-376.	2.1	7
108	Synthesis of Heterocyclic β -Amino Acids. Synthetic Communications, 1978, 8, 269-273.	2.1	7

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109	Preparation of 2,4-Bis(Methylsulfonyl)-1-naphthyl (<i>BMSN</i>) Active Esters and their Potential Utility in Peptide Bond Formation. <i>Synthetic Communications</i> , 1989, 19, 3573-3578.	2.1	7
110	Oxazine ring construction: methods and applications to natural product synthesis. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2009, 4, 249-258.	0.4	7
111	An efficient synthesis of the tamamarin B macrocycle. <i>Tetrahedron Letters</i> , 2010, 51, 1635-1638.	1.4	7
112	Synthesis of 4-imidazolin-2-ones via the birch reduction of hydantoins. <i>Journal of Heterocyclic Chemistry</i> , 1978, 15, 691-691.	2.6	6
113	Synthesis and biological evaluation of didemnin photoaffinity analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 1871-1874.	2.2	6
114	Benzimidazoles. 1,4-addition reactions of 4,7-benzimidazolidione. <i>Journal of Heterocyclic Chemistry</i> , 1970, 7, 249-256.	2.6	5
115	AN IMPROVED SYNTHESIS OF FLUORENONE METHYLNITRONE. <i>Organic Preparations and Procedures International</i> , 1979, 11, 95-96.	1.3	5
116	PREPARATION OF IMIDAZOLE AND IMIDAZOLIUM 2-CARBALDEHYDES. <i>Organic Preparations and Procedures International</i> , 1983, 15, 17-28.	1.3	5
117	Incorporation of an Amino Function in a (1S,2S,3R)-3-Hydroxy-2-methoxy-1-cyclohexane Carboxylic Acid. <i>Synthetic Communications</i> , 1994, 24, 2351-2365.	2.1	5
118	A Short, Affordable, One-Pot Synthesis of a Camphor-Derived Amino Alcohol. <i>Synthetic Communications</i> , 1995, 25, 2975-2980.	2.1	5
119	A Facile Synthesis of Benzyl 2-Amino-3-azido-4-(p-methoxybenzyl)-6-(o-benzyl-2,3-dideoxy- β -D-glucopyranoside): A Key Intermediate in the Formation Of A Didemnin B Analog. <i>Journal of Carbohydrate Chemistry</i> , 1996, 15, 371-381.	1.1	5
120	Syntheses of Acyclic Analogs of Didemnin B. <i>Synthetic Communications</i> , 1997, 27, 3259-3272.	2.1	5
121	Synthesis of side chain-modified iodothyronines. <i>International Journal of Peptide and Protein Research</i> , 1987, 30, 652-661.	0.1	5
122	Reactions of carbon nucleophiles with 2,2,3-trisubstituted ethynylaziridines. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1233-1239.	1.8	5
123	A Transannular Rearrangement Reaction of a Pyrroloindoline Diketopiperazine. <i>Organic Letters</i> , 2019, 21, 6619-6623.	4.6	5
124	Benzimidazoles. The diels-alder reactions of 4,7-benzimidazolidione. <i>Journal of Heterocyclic Chemistry</i> , 1970, 7, 425-429.	2.6	4
125	IMPROVED PREPARATION OF PYRIDO[3,4-c](4,5)IMIDAZO [1,2-c] [1,2,3]BENZOTRIAZINES. <i>Organic Preparations and Procedures International</i> , 1980, 12, 234-237.	1.3	4
126	ETHYL 3-CHLORO-2-ETHOXY-5-FORMYL-6-HYDROXY-4-METHYLBENZOATE. <i>Organic Preparations and Procedures International</i> , 1986, 18, 109-112.	1.3	4

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127	Synthesis of Dipeptides Related to Cyclopeptide Alkaloids. Journal FÃ¼r Praktische Chemie, 1987, 329, 915-922.	0.2	4
128	The Didemnins: Biological Properties, Chemistry and Total Synthesis. Studies in Natural Products Chemistry, 1992, 10, 241-302.	1.8	4
129	Triazaspirocycles: Occurrence, Synthesis, and Applications. Mini-Reviews in Organic Chemistry, 2016, 13, 126-142.	1.3	4
130	4,7-Benzimidazolediones. Reactions of 5,6-dibromo-4,7-benzimidazoledione. Journal of Heterocyclic Chemistry, 1970, 7, 395-397.	2.6	3
131	Oxidative Rearrangement of Yohimbanones. Synthetic Communications, 2004, 34, 863-869.	2.1	3
132	Total Synthesis of Lys ³ Tamamarin M: A Potential Affinity Ligand. Organic Letters, 2010, 12, 5306-5309.	4.6	3
133	From Roquefortine C to Roquefortine L: Formation of a Complex Nitrone with Simple Oxidizing Agents. Israel Journal of Chemistry, 2017, 57, 303-308.	2.3	3
134	Synthetic Studies of a Didemnin B Analog Based on a 2,3-Diamino Sugar Scaffolding. Journal of the Chinese Chemical Society, 2001, 48, 1-4.	1.4	2
135	The mass spectra of fluorenone nitrones. Organic Mass Spectrometry, 1980, 15, 489-490.	1.3	1
136	The Changing Face of Research: The Use of Chemical Information Skills to Identify Novel Research Areas. Journal of Chemical Education, 0, , .	2.3	1
137	Structural elucidation of isomeric Oxazolidinones and Isoxazolidinones by ¹³ C N. M. R.. Journal FÃ¼r Praktische Chemie, 1984, 326, 1008-1010.	0.2	0
138	Cyclopeptide Alkaloids: Chemistry and Biology. ChemInform, 2005, 36, no.	0.0	0
139	The 2011 Benjamin Franklin Medal in Chemistry Presented to Kyriacos C. Nicolaou. Journal of the Franklin Institute, 2014, 351, 88-97.	3.4	0
140	Synthetic studies of heterocyclic natural products. Current Opinion in Drug Discovery & Development, 2008, 11, 829-52.	1.9	0