

Marco A Ciufolini

List of Publications by Year in descending order

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121
papers

7,899
citations

47006

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53230

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134
docs citations

134
times ranked

7127
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitro-Group-Containing Thiopeptide Derivatives as Promising Agents to Target <i>Clostridioides difficile</i> . <i>Pharmaceuticals</i> , 2022, 15, 623.	3.8	3
2	A Route to Lipid ALC ϵ 315: a Key Component of a COVID ϵ 19 mRNA Vaccine. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	8
3	Micrococcin P2 Targets <i>Clostridioides difficile</i> . <i>Journal of Natural Products</i> , 2022, 85, 1928-1935.	3.0	4
4	Modular Lipid Nanoparticle Platform Technology for siRNA and Lipophilic Prodrug Delivery. <i>Small</i> , 2021, 17, e2103025.	10.0	29
5	Nitric oxide in the Marfan vasculature: Friend or foe?. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 116, 27-34.	2.7	4
6	Diversity-oriented routes to thiopeptide antibiotics: total synthesis and biological evaluation of micrococcin P2. <i>Organic and Biomolecular Chemistry</i> , 2021, , .	2.8	11
7	Catalyst-Free Synthesis of Polysubstituted 5-Acylamino-1,3-Thiazoles via Hantzsch Cyclization of $\hat{\pm}$ -Chloroglycinates. <i>Molecules</i> , 2019, 24, 3846.	3.8	8
8	Oxidative Cyclization of Naphtholic Sulfonamides Mediated by a Chiral Hypervalent Iodine Reagent: Asymmetric Synthesis versus Resolution. <i>Synlett</i> , 2019, 30, 1222-1227.	1.8	13
9	The Onpatro story and the clinical translation of nanomedicines containing nucleic acid-based drugs. <i>Nature Nanotechnology</i> , 2019, 14, 1084-1087.	31.5	814
10	Tanshinones that selectively block the collagenase activity of cathepsin K provide a novel class of ectosteric antiresorptive agents for bone. <i>British Journal of Pharmacology</i> , 2018, 175, 902-923.	5.4	20
11	Oxidative Kinetic Resolution of Some Naphtholic Alcohols Mediated by a Chiral Hypervalent Iodine Reagent. <i>Synthesis</i> , 2018, 50, 3322-3332.	2.3	4
12	Dexamethasone prodrugs as potent suppressors of the immunostimulatory effects of lipid nanoparticle formulations of nucleic acids. <i>Journal of Controlled Release</i> , 2018, 286, 46-54.	9.9	42
13	Asymmetric Oxidative Cycloetherification of Naphtholic Alcohols. <i>Chemistry - A European Journal</i> , 2017, 23, 4542-4546.	3.3	52
14	Iodonium metathesis reactions of unreactive aryl iodides. <i>Tetrahedron</i> , 2017, 73, 7067-7072.	1.9	4
15	The Niemann-Pick C1 Inhibitor NP3.47 Enhances Gene Silencing Potency of Lipid Nanoparticles Containing siRNA. <i>Molecular Therapy</i> , 2016, 24, 2100-2108.	8.2	38
16	Pyrimethamine Derivatives: Insight into Binding Mechanism and Improved Enhancement of Mutant $\hat{2}$ - <i>N</i> -acetylhexosaminidase Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4483-4493.	6.4	8
17	Total Synthesis of (+)-3-Demethoxyerythratidinone and (+)-Erysotramidine via the Oxidative Amidation of a Phenol. <i>Organic Letters</i> , 2015, 17, 3422-3425.	4.6	38
18	Oxidative Amidation in the Naphthalene Series. <i>Synlett</i> , 2015, 26, 631-634.	1.8	18

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19	Formal Synthesis of (±)-Tetrodotoxin via the Oxidative Amidation of a Phenol: On the Structure of the Sato Lactone. <i>Organic Letters</i> , 2015, 17, 2424-2427.	4.6	19
20	A Route to the Heterocyclic Cluster of the E-Series of Thiopeptide Antibiotics. <i>Journal of Organic Chemistry</i> , 2015, 80, 4184-4188.	3.2	4
21	Arylation of Diorganochalcogen Compounds with Diaryliodonium Triflates: Metal Catalysts Are Unnecessary. <i>Organic Letters</i> , 2014, 16, 6382-6385.	4.6	35
22	Synthetic studies on heterocyclic natural products. <i>Canadian Journal of Chemistry</i> , 2014, 92, 186-193.	1.1	13
23	Iodonium Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9637-9639.	13.8	26
24	Selective reactivity of electron-rich aryl iodides in the Heck arylation of disubstituted alkenes catalyzed by palladium-arylurea complexes. <i>Tetrahedron</i> , 2013, 69, 10139-10151.	1.9	15
25	Small molecule ligands for enhanced intracellular delivery of lipid nanoparticle formulations of siRNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 665-674.	3.3	34
26	Influence of cationic lipid composition on uptake and intracellular processing of lipid nanoparticle formulations of siRNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 233-246.	3.3	67
27	Pd-arylurea complexes for the Heck arylation of crotonic and cinnamic substrates. <i>Tetrahedron Letters</i> , 2013, 54, 2042-2045.	1.4	18
28	Further studies toward himandrine via sequential oxidative amidation intramolecular Diels-Alder reactions. <i>Canadian Journal of Chemistry</i> , 2013, 91, 82-90.	1.1	8
29	Lipid nanoparticle siRNA systems for silencing the androgen receptor in human prostate cancer <i>in vivo</i> . <i>International Journal of Cancer</i> , 2012, 131, E781-90.	5.1	73
30	Total Synthesis and Complete Structural Assignment of Thiocillin I. <i>Journal of the American Chemical Society</i> , 2011, 133, 5900-5904.	13.7	49
31	An Approach to the Bis-oxazole Macrocyclic Diazonamides. <i>Organic Letters</i> , 2011, 13, 390-393.	4.6	30
32	The Chemical Synthesis of Tetrodotoxin: An Ongoing Quest. <i>Marine Drugs</i> , 2011, 9, 2046-2074.	4.6	45
33	Oxidation of (±)-Oxo-Oximes to Nitrile Oxides with Hypervalent Iodine Reagents. <i>Journal of Organic Chemistry</i> , 2011, 76, 728-731.	3.2	68
34	Chiral Hypervalent Iodine Reagents in Asymmetric Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11849-11851.	13.8	160
35	Influence of Cationic Lipid Composition on Gene Silencing Properties of Lipid Nanoparticle Formulations of siRNA in Antigen-Presenting Cells. <i>Molecular Therapy</i> , 2011, 19, 2186-2200.	8.2	153
36	Synthesis of 5-Amino-oxazole-4-carboxylates from (±)-Chloroglycinates. <i>Organic Letters</i> , 2010, 12, 3942-3945.	4.6	28

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37	Development of a weak-base docetaxel derivative that can be loaded into lipid nanoparticles. <i>Journal of Controlled Release</i> , 2010, 144, 332-340.	9.9	78
38	Oxidative Spirocyclization of Phenolic Sulfonamides: Scope and Applications. <i>Chemistry - A European Journal</i> , 2010, 16, 13262-13270.	3.3	67
39	Synthetic aspects of the oxidative amidation of phenols. <i>Tetrahedron</i> , 2010, 66, 5884-5892.	1.9	60
40	A direct route to 2-alkyl-4-carbethoxy-5-vinylloxazoles. <i>Tetrahedron Letters</i> , 2010, 51, 4699-4701.	1.4	10
41	Rational design of cationic lipids for siRNA delivery. <i>Nature Biotechnology</i> , 2010, 28, 172-176.	17.5	1,366
42	Progress towards the Synthesis of Sordarin and its Analogs. <i>Organic Preparations and Procedures International</i> , 2010, 42, 111-132.	1.3	5
43	Tandem Phenolic Oxidative Amidation [^] Intramolecular Diels [^] Alder Reaction: An Approach to the Himandrine Core. <i>Organic Letters</i> , 2010, 12, 1760-1763.	4.6	54
44	Micrococcin P1: Structure, biology and synthesis. <i>Natural Product Reports</i> , 2010, 27, 330.	10.3	49
45	Masitinib (AB1010), a Potent and Selective Tyrosine Kinase Inhibitor Targeting KIT. <i>PLoS ONE</i> , 2009, 4, e7258.	2.5	346
46	Total Synthesis and Stereochemical Assignment of Micrococcin [^] P1. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4198-4201.	13.8	66
47	A Peterson avenue to 5-alkenylloxazoles. <i>Tetrahedron Letters</i> , 2009, 50, 6163-6165.	1.4	12
48	An Improved Synthesis of Pyridine [^] Thiazole Cores of Thiopeptide Antibiotics. <i>Journal of Organic Chemistry</i> , 2009, 74, 5750-5753.	3.2	40
49	Approach to Tetrodotoxin via the Oxidative Amidation of a Phenol. <i>Organic Letters</i> , 2009, 11, 4736-4739.	4.6	54
50	Total Synthesis of Siphonazoles by the Use of a Conjunctive Oxazole Building Block. <i>Organic Letters</i> , 2009, 11, 2389-2392.	4.6	59
51	Development of an Oxazole Conjunctive Reagent and Application to the Total Synthesis of Siphonazoles. <i>Journal of Organic Chemistry</i> , 2009, 74, 9140-9151.	3.2	34
52	Synthetic Studies toward Sordarin: Building Blocks for the Terpenoid Core and for Analogues Thereof. <i>Journal of Organic Chemistry</i> , 2009, 74, 1587-1597.	3.2	20
53	Oxidation of Oximes to Nitrile Oxides with Hypervalent Iodine Reagents. <i>Organic Letters</i> , 2009, 11, 1539-1542.	4.6	195
54	Crystal structure of 2,3,6a,9-tetrahydro-1H-6,9-methanopyrrolo [2,1- \tilde{A}][2,1]benzothiazol-10(6h)-one 5,5-dioxide, c11H13NO3S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2009, 224, 83-84.	0.3	2

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55	Improved Procedure for the Bimolecular Oxidative Amidation of Phenols. <i>Journal of Organic Chemistry</i> , 2008, 73, 4299-4301.	3.2	52
56	Oxidative Amidation of Phenols through the Use of Hypervalent Iodine Reagents: Development and Applications. <i>Synthesis</i> , 2007, 2007, 3759-3772.	2.3	186
57	Methodology for the Synthesis of Pyridines and Pyridones: Development and Applications. <i>Heterocycles</i> , 2007, 74, 101.	0.7	37
58	An Avenue to the Sordarin Core Adaptable to Analog Synthesis. <i>Organic Letters</i> , 2007, 9, 4119-4122.	4.6	22
59	Total Synthesis of Streptonigrone. <i>Journal of Organic Chemistry</i> , 2007, 72, 8489-8495.	3.2	54
60	Total Synthesis of Topopyrones B and D. <i>Organic Letters</i> , 2006, 8, 4771-4774.	4.6	20
61	Studies toward Soraphen A: An Aldol-Metathesis Avenue to the Macrocyclic Framework. <i>Organic Letters</i> , 2006, 8, 2791-2794.	4.6	19
62	Synthetic ventures inspired by biosynthetic hypotheses: the evolution of a method for the oxidative amidation of phenols. <i>Tetrahedron</i> , 2006, 62, 5318-5337.	1.9	55
63	Synthetic studies toward spiroleucettadine. <i>Tetrahedron Letters</i> , 2006, 47, 3599-3601.	1.4	21
64	Synthetic studies on heterocyclic natural products. <i>Il Farmaco</i> , 2005, 60, 627-641.	0.9	29
65	Synthetic Studies on Heterocyclic Natural Products. <i>ChemInform</i> , 2005, 36, no.	0.0	0
66	Nitrogenous Educts through Oxidative Amidation of Phenols: The Bimolecular Reaction. <i>Organic Letters</i> , 2005, 7, 175-177.	4.6	65
67	Fully Stereocontrolled Total Syntheses of (âˆ“)Cylindricine C and (âˆ“)2-Epicylindricine C: A Departure in Sulfonamide Chemistry. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4336-4338.	13.8	112
68	Titanium Catalysis in the Ugi Reaction of Î±-Amino Acids with Aromatic Aldehydes. <i>Organic Letters</i> , 2004, 6, 3281-3284.	4.6	66
69	Iterative Oxazole Assembly via Î±-Chloroglycinates: Total Synthesis of (âˆ“)Muscoride A. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1411-1414.	13.8	102
70	Alkoxyamine-Mediated Radical Cyclizations. <i>Organic Letters</i> , 2003, 5, 1079-1081.	4.6	30
71	Alkoxyamine-Mediated Radical Synthesis of Indolinones and Indolines. <i>Organic Letters</i> , 2003, 5, 4943-4945.	4.6	58
72	2-Pyridones from Cyanoacetamides and Enecarbonyl Compounds: Application to the Synthesis of Nothapodytine B. <i>Journal of Organic Chemistry</i> , 2002, 67, 4304-4308.	3.2	68

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73	Total Synthesis of (±)-FR66979. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4688-4691.	13.8	45
74	The constitution of micrococcin P1: the Bycroft-Gowland hypothesis confirmed. <i>Tetrahedron Letters</i> , 2002, 43, 2367-2370.	1.4	25
75	Efficient oxidative spirocyclization of phenolic sulfonamides. <i>Tetrahedron Letters</i> , 2002, 43, 5193-5195.	1.4	66
76	Total Synthesis of Tricyclic Azaspirane Derivatives of Tyrosine: FR901483 and TAN1251C. <i>Journal of the American Chemical Society</i> , 2001, 123, 7534-7538.	13.7	134
77	Total Synthesis of FR901483. <i>Organic Letters</i> , 2001, 3, 765-767.	4.6	68
78	Homo-Brook route to benzazocenols and congeners via allylsilane-derived aziridines. <i>Tetrahedron Letters</i> , 2001, 42, 9175-9178.	1.4	19
79	Total Synthesis of Luzopeptin E2. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2493-2495.	13.8	27
80	New Oxidative Transformations of Phenolic and Indolic Oxazolines: An Avenue to Useful Azaspirocyclic Building Blocks. <i>Journal of Organic Chemistry</i> , 2000, 65, 4397-4408.	3.2	106
81	Hypervalent iodine oxidation of indolic 2-oxazolines. <i>Tetrahedron Letters</i> , 1999, 40, 4985-4988.	1.4	40
82	A unified approach to peptin antibiotics. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 1409-1419.	2.6	6
83	Synthesis of the Bycroft-Gowland Structure of Micrococcin P1. <i>Organic Letters</i> , 1999, 1, 1843-1846.	4.6	46
84	Practical Synthesis of (±)-Chlorovulone II. <i>Journal of Organic Chemistry</i> , 1998, 63, 1668-1675.	3.2	35
85	Synthesis of Spirolactams from tyrosine amides and related substances. <i>Tetrahedron Letters</i> , 1998, 39, 4667-4670.	1.4	82
86	Elevated Conformational Rigidity in Dipeptides Incorporating Piperazic Acid Derivatives. <i>Journal of the American Chemical Society</i> , 1998, 120, 80-86.	13.7	40
87	Synthesis, chemistry and conformational properties of piperazic acids. <i>Chemical Society Reviews</i> , 1998, 27, 437.	38.1	71
88	Nitrogen Heterocycles From Furans: The Aza-Achmatowicz Reaction. <i>Synlett</i> , 1998, 1998, 105-114.	1.8	114
89	Application of Enlike Reactions of Aldehydes with Vinyl Ethers: A Stereoconvergent Synthesis of (±)-Phyllanthocin. <i>Journal of Organic Chemistry</i> , 1997, 62, 7806-7811.	3.2	9
90	Studies toward Luzopeptins: Assembly of the Elusive Serine-PCA Dipeptide. <i>Journal of Organic Chemistry</i> , 1997, 62, 2320-2321.	3.2	24

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91	Studies toward Thiostrepton Antibiotics:Â Assembly of the Central Pyridineâ”Thiazole Cluster of Micrococccins. <i>Journal of Organic Chemistry</i> , 1997, 62, 3804-3805.	3.2	43
92	Practical total synthesis of (+)-Camptothecin: The full story. <i>Tetrahedron</i> , 1997, 53, 11049-11060.	1.9	53
93	A remarkable ene-like reaction: Development and synthetic applications. <i>Tetrahedron</i> , 1997, 53, 16299-16312.	1.9	27
94	Further studies on the chemistry of piperazic acids: New building blocks for Î²-hydroxy-Î±-aminoacids through the aza-achmatowicz reaction. <i>Tetrahedron Letters</i> , 1997, 38, 4947-4950.	1.4	39
95	A Unified Strategy for the Synthesis of Phenanthroizidine Alkaloids:Â Preparation of Sterically Congested Pyridines. <i>Journal of the American Chemical Society</i> , 1996, 118, 12082-12089.	13.7	56
96	Totalsynthese von (+)-â€Camptothecin. <i>Angewandte Chemie</i> , 1996, 108, 1789-1791.	2.0	8
97	Total Synthesis of(+)-Camptothecin. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1692-1694.	4.4	37
98	Facile palladium-mediated substitution of chlorine in 2-chloroquinolines. <i>Tetrahedron Letters</i> , 1996, 37, 8281-8284.	1.4	50
99	A protection scheme for the preparation of acid chlorides of serine and threonine. <i>Tetrahedron Letters</i> , 1995, 36, 6595-6598.	1.4	34
100	A one-step preparation of functionalized 3-cyano-2-pyridones. <i>Tetrahedron Letters</i> , 1995, 36, 3307-3310.	1.4	45
101	A Unified Strategy for the Synthesis of Sulfur-Containing Pyridoacridine Alkaloids: Antitumor Agents of Marine Origin. <i>Journal of the American Chemical Society</i> , 1995, 117, 12460-12469.	13.7	42
102	Total synthesis of cystodytin J, diplamine and shermilamine B. <i>Tetrahedron Letters</i> , 1995, 36, 4709-4712.	1.4	11
103	Reductive cleavage of TROC groups under neutral conditions with cadmium-lead couple. <i>Tetrahedron Letters</i> , 1995, 36, 5681-5682.	1.4	37
104	A useful benzannulation reaction. <i>Tetrahedron Letters</i> , 1994, 35, 1127-1130.	1.4	42
105	Yb(fod) ₃ -promoted ene reaction of aldehydes with vinyl ethers. <i>Tetrahedron Letters</i> , 1993, 34, 2409-2412.	1.4	35
106	Studies towards streptonigrinoids: formal synthesis of lavendamycin methyl ester. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1463.	2.0	28
107	Total synthesis of kuanoniamines and dercitins. <i>Journal of the American Chemical Society</i> , 1992, 114, 10081-10082.	13.7	33
108	The total synthesis of cystodytins. <i>Journal of the American Chemical Society</i> , 1991, 113, 8016-8024.	13.7	60

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109	Synthetic studies towards cystodytin A: The preparation of novel cystodytin congeners. <i>Tetrahedron Letters</i> , 1989, 30, 5559-5562.	1.4	13
110	Synthesis of a model depsipeptide segment of Luzopeptins (BBM 928), potent antitumor and antiretroviral antibiotics. <i>Tetrahedron Letters</i> , 1989, 30, 3027-3028.	1.4	20
111	Chemoenzymatic preparation of trans-2,6-dialkylpiperidines and of other azacycle building blocks. Total synthesis of (+)-desoxoprosopinine. <i>Journal of the American Chemical Society</i> , 1989, 111, 3473-3475.	13.7	62
112	Preparation of activated imines and their condensation with allylstannanes: stereoselective synthesis of 1,2-amino alcohols. <i>Journal of Organic Chemistry</i> , 1989, 54, 4739-4741.	3.2	57
113	Chemoenzymic synthesis of chiral furan derivatives: useful building blocks for optically active structures. <i>Journal of Organic Chemistry</i> , 1988, 53, 1607-1611.	3.2	90
114	Modified Knoevenagel-Stobbe preparation of substituted pyridines: a new approach to streptonigrinoids. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1230-1231.	2.0	22
115	Intramolecular arylations of soft enolates catalyzed by zerovalent palladium. <i>Journal of Organic Chemistry</i> , 1988, 53, 4149-4151.	3.2	97
116	Efficient palladium-mediated synthesis of a spirocyclic model for fredericamycin A.. <i>Tetrahedron Letters</i> , 1987, 28, 171-174.	1.4	67
117	A fully synthetic route to the papulacandins. Stereospecific spiroacetalization of a C-1-arylated methyl glycoside. <i>Carbohydrate Research</i> , 1987, 171, 317-327.	2.3	44
118	The aza-achmatowicz rearrangement: A route to useful building blocks for N- containing structures. <i>Tetrahedron Letters</i> , 1986, 27, 5085-5088.	1.4	56
119	A stereospecific route to aziridinomitosanes: the synthesis of novel mitomycin congeners. <i>Journal of the American Chemical Society</i> , 1985, 107, 3891-3898.	13.7	75
120	Leucomitomycins. <i>Journal of the American Chemical Society</i> , 1984, 106, 6424-6425.	13.7	34
121	Natural product synthesis via allylsilanes. 1. Synthesis and reactions of (1E,3E)-4-acetoxy-1-(trimethylsilyl)-1,3-butadiene and its use in the total synthesis of (+)-shikimic acid. <i>Journal of the American Chemical Society</i> , 1982, 104, 2308-2310.	13.7	62