

Dino Gnecco

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Zincke's Reaction with Chiral Primary Amines: A Practical Entry to Pyridinium Salts of Interest in Asymmetric Synthesis. <i>Synlett</i> , 1992, 1992, 431-434.	1.8	53
2	¹ H and ¹³ C NMR characterization of new cycloartane triterpenes from <i>Mangifera indica</i> . <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 52-57.	1.9	51
3	Pyridine-Derived Oxazolidines as Chiral 3-Alkyl-4,5-dihydropyridinium and 3-Alkyl-3,4,5,6-tetrahydropyridinium Salt Equivalents. <i>Journal of Organic Chemistry</i> , 1997, 62, 729-733.	3.2	50
4	1,4-dihydropyridines from dithionite reduction of pyridinium salts without electron-withdrawing groups as substituents. <i>Tetrahedron Letters</i> , 1994, 35, 707-710.	1.4	43
5	An Enantioselective Access to 1-Alkyl-1,2,3,4-tetrahydroisoquinolines. Application to a New Synthesis of (âˆ“)Argemoneine. <i>Journal of Organic Chemistry</i> , 2004, 69, 2737-2740.	3.2	33
6	Curcuma treatment prevents cognitive deficit and alteration of neuronal morphology in the limbic system of aging rats. <i>Synapse</i> , 2017, 71, e21952.	1.2	30
7	Asymmetric synthesis from pyridines: use of new chiral 1,4-dihydropyridines in a short synthesis of 5,8-disubstituted indolizidine (+)-209B. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 625.	2.0	25
8	Oxidation of chiral non-racemic pyridinium salts to enantiopure 2-pyridone and 3-alkyl-2-pyridones. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2027-2029.	1.8	24
9	Controlled reduction of 5-alkyl-3-phenyl-2,3,5,6,7,8-hexahydro-oxazolo[3,2-a]pyridin-4-ylum iodide: enantioselective synthesis of (âˆ“)dihydropinidine and (+)-indolizidine 167B. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3393-3395.	1.8	23
10	Application of amide-stabilized sulfur ylide reactivity to the stereodivergent synthesis of (R,S)- and (S,R)-reboxetine. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2764-2768.	1.8	23
11	Preparation of (R)-(+)-3-Phenyl-2,3,5,6,7,8-hexahydrooxazolo[3,2-a]pyridin-4-ylum Bromide: Synthesis of (S)-(+)-Coniine, (R)-(-)-Coniceine and (R)-(+)-Anabasine. <i>Heterocycles</i> , 2007, 71, 2699.	0.7	20
12	Regiospecific and Enantiospecific Ring Opening of Methyl (+)-(1'R, 2R)- and (-)-(1'R), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (2S)-1	3.8	20
13	Isolation and Characterization of Five New Tetrasaccharide Glycosides from the Roots of <i>Pomoeastans</i> and Their Cytotoxic Activity. <i>Journal of Natural Products</i> , 2004, 67, 1552-1556.	3.0	19
14	Comparison of crystal and solution structures and ¹ H and ¹³ C chemical shifts for grandiflorenic acid, kaurenic acid, and monoginoic acid. <i>Canadian Journal of Chemistry</i> , 1997, 75, 342-347.	1.1	18
15	Synthesis of (2R,3S)-(âˆ“)2-phenyl-3-methylaziridine. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2877-2879.	1.8	18
16	Oxazolidine Sulfur Ylides Derived from Phenylglycinol for the Specific and Highly Diastereoselective Synthesis of Aryl and Alkyl <i>trans</i> -âˆ“Epoxyamides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5561-5565.	2.4	15
17	A short enantioselective access to 2,3,6-trialkylpiperidines and 5,8-dialkylindolizidines. <i>Tetrahedron</i> , 1998, 54, 9357-9372.	1.9	14
18	Efficient preparation of (1âˆ“R)-(âˆ“)1-(2âˆ“2-hydroxy-1âˆ“2-phenylethyl)piperidin-2-one: synthesis of (2âˆ“S,3R)-(+)-stenusine. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 949-952.	1.8	14

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19	Syntheses of pyridin-4-ylum chions: applications in a synthesis of (+)-coniine. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 847-850.	1.8	13
20	New cyclic zwitterionic building blocks for the synthesis of piperidine-2,4-dione and pyridine-2-one compounds. <i>Tetrahedron Letters</i> , 2009, 50, 4208-4211.	1.4	13
21	7-endo cyclization of 2,3-epoxyamides and 2,3-aziridine carboxamides by intramolecular Friedel-Crafts reaction. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 95-101.	1.8	12
22	A Short Synthesis of Indolizidine (+)-209B from (3R,6S,8AS)-(-)-6-Methyl-3-phenyl-hexahydrooxazolo[3,2-a]pyridin-5-one. <i>Heterocycles</i> , 2009, 78, 2589.	0.7	12
23	Synthesis of \pm -phenyl-1-(R)-($\hat{\alpha}$)-piperidineacetic esters. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 203-206.	1.8	11
24	New methodology for the synthesis of enantiopure (3R,2aR)-($\hat{\alpha}$)-3-phenyl-hexahydro-oxazolo[3,2-a]-pyridin-5-one: a synthesis of (S)-(+)-coniine. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 357-360.	1.8	11
25	Synthesis and characterization of a new (phthalocyaninato)bis(carboxylate) silicon(IV) compound with increased solubility. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 198-202.	0.8	11
26	Diastereoselective synthesis of aryl and alkyl trans-glycidic amides from pseudoephedrine-derived sulfonium salt. Chemospecific exo-tet ring closure for morpholin-3-ones. <i>Tetrahedron</i> , 2012, 68, 10252-10256.	1.9	11
27	The Unambiguous Detection of Kaurenic Derivatives in Aqueous Infusions of <i>Montanoa tomentosay</i> by GC-MS and 2D-NMR Spectroscopy: An Answer to Contradictory Reports. <i>Planta Medica</i> , 1996, 62, 569-571.	1.3	9
28	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1998, 28, 529-537.	1.1	9
29	Diastereoselective arylation of enantiopure 3-bromopiperidin-2-one derived from (R)-($\hat{\alpha}$)-2-phenylglycinol with organocuprate reagents. <i>Tetrahedron Letters</i> , 2011, 52, 5947-5950.	1.4	9
30	Synthesis of the indoloazocine derivatives from a chiral indol amide-stabilized sulfur ylide. <i>Tetrahedron Letters</i> , 2013, 54, 2729-2732.	1.4	9
31	Retro-Curcuminoids as Mimics of Dehydrozingerone and Curcumin: Synthesis, NMR, X-ray, and Cytotoxic Activity. <i>Molecules</i> , 2017, 22, 33.	3.8	9
32	Synthesis and Structure of New Heterocyclic Derivatives of Curcumin. <i>Heterocycles</i> , 2005, 65, 49.	0.7	9
33	The Zincke's Reaction: A New Alternative for the Preparation of L-[2-(3-Indol)Ethyl]-Alkylpyridinium Chloride Derivatives. <i>Synthetic Communications</i> , 1999, 29, 281-287.	2.1	8
34	Acetate Bridged Trinuclear Zn, Ca and Mg Metal Complexes with 2- and 4-Substituted Pyridines. <i>Journal of Chemical Crystallography</i> , 2012, 42, 794-802.	1.1	8
35	Asymmetric Tandem Conjugate Addition-Aldol Condensation with <i>N</i> -Acryloyloxazolidines Derived from 2-Phenylglycinol. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 67-70.	2.7	8
36	Synthesis of ($\hat{\alpha}$)-(1 <i>S</i> ,4 <i>S</i> ,8 <i>R</i>)- and (+)-(1 <i>S</i> ,4 <i>R</i> ,8 <i>S</i>)-4 <i>a</i> -ethyl-1-(1-phenylethyl)-octahydroquinolin-7-ones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2099-2102.	1.8	7

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37	Unexpected retro-Michael reaction of (S)--(1S,4aR)- and (+)-(1S,4aR,8aS)-4a-ethyl-1-(1-phenylethyl)octahydroquinolin-7-ones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3209-3211.	1.8	7
38	Study of minimum energy conformers of N-substituted derivatives of piperidine and pyrrolidine. Evidence of weak H-bonding by theoretical correlation with experimental NMR data. <i>Journal of Molecular Structure</i> , 2006, 786, 53-64.	3.6	7
39	Diastereoselective Approach to cis-4-Methyl/thiol-Pipecolic Esters Based on RCM Reaction and Conjugate Michael Addition. <i>Synthetic Communications</i> , 2014, 44, 2838-2847.	2.1	7
40	Curcumin induces cortico-hippocampal neuronal reshaping and memory improvements in aged mice. <i>Journal of Chemical Neuroanatomy</i> , 2022, 121, 102091.	2.1	7
41	Reactivity of (S)-1-(1-phenyl-ethyl)-4-hydroxy-piperidin-2-one with Lawesson's reagent. <i>Journal of Sulfur Chemistry</i> , 2007, 28, 239-243.	2.0	6
42	Detailed characterization by, two-dimensional NMR of two unusual bicyclo [2.2.2]octenedione derivatives produced by the reaction of perezone with thiourea. <i>Magnetic Resonance in Chemistry</i> , 1995, 33, 3-7.	1.9	5
43	The Reaction of Perezone and Isoperezone with Hydroxylamine: A Surprisingly Facile Method for Introducing an NH2 Group into the Quinone Functionality. <i>Natural Product Research</i> , 1995, 6, 103-109.	0.4	5
44	N-Benzoyl-N,N-dicyclohexylurea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2922-o2923.	0.2	5
45	Synthesis of New Chiral Aziridinoalcohols. <i>Synthetic Communications</i> , 2000, 30, 1303-1309.	2.1	4
46	Solution 1H and 13C NMR of new chiral 1,4-oxazepinium heterocycles and their intermediates from the reaction of 2,4-pentanedione with L-amino acids and (R)-(-)-2-phenylglycinol. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 975-982.	1.9	4
47	Oxidation and Aromatization of the Enantiopure Piperidine Derived from (R)-(-)-2-Phenylglycinol to (1R)-(-)-1-(2-ethyl-1-phenylethyl)-1H-pyridin-2-one. <i>Heterocycles</i> , 2014, 89, 725.	0.7	4
48	Diastereoselective Synthesis of 3-Alkylindoloquinolizine Derivatives via Regiospecific Oxidative Cyclization. <i>Heterocycles</i> , 2019, 98, 509.	0.7	4
49	trans-(3R,2aS)-(S)-3-Phenyl-2,3,5,6,7,8-hexahydro-oxazolo[3,2-a]pyridine-5-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o519-o521.	0.2	3
50	Regioselective Endocyclic Oxidation of Enantiopure 3-Alkylpiperidines: Synthesis of (3S,5S)-3-ethyl-5-methylpiperidine. <i>Synthetic Communications</i> , 2006, 36, 935-942.	2.1	3
51	Chiral cyclic zwitterionic bipyridinium-4-olates for the diastereoselective synthesis of (R,S)- and (S,R)-trozamicol. <i>Tetrahedron Letters</i> , 2016, 57, 1683-1686.	1.4	3
52	Synthesis of (+)- and (S)-Geissman-Waiss lactone from chiral sulfonium salts. <i>Tetrahedron Letters</i> , 2020, 61, 151697.	1.4	3
53	Diastereoselective Functionalization of Chiral N-Acyl-3-oxazolidines and Their Applications in the Synthesis of Bioactive Molecules. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	3
54	Regioselective Oxidation of 3-Substituted Pyridinium Salts. <i>Molecules</i> , 2000, 5, 1175-1181.	3.8	2

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55	Crystal Structure of trans(3R,2aS)-(-)-3-Phenyl-hexahydro-oxazolo[3,2-a]-pyridin-5-one. <i>Analytical Sciences</i> , 2003, 19, 1223-1224.	1.6	2
56	Investigation of Three Diastereomeric Chalcone Epoxides Derivatives by NMR Spectroscopy and X-ray Crystallography. <i>Journal of Chemical Crystallography</i> , 2014, 44, 512-519.	1.1	2
57	AN IMPROVED PREPARATION OF 1-METHYL-4-CYANO-4-PHENYLPYPERIDINE. <i>Organic Preparations and Procedures International</i> , 1996, 28, 478-480.	1.3	1
58	Total assignment of the ¹ H and ¹³ C NMR spectra of casimiroedine and its peracetylated derivative. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 366-369.	1.9	1
59	Crystal Structure of (+)-(R)-3-Methyl-1-(1'-phenyl-ethyl)-1H-pyridin-2-one.. <i>Analytical Sciences</i> , 2001, 17, 1247-1248.	1.6	1
60	Crystal Structure of (-)-(1'R)-1-(2'-Hydroxy-1'-phenyl-ethyl)-1H-pyridin-2-one.. <i>Analytical Sciences</i> , 2001, 17, 1139-1140.	1.6	1
61	(â€“)-(1â€²S,4aS,7R,8aR)-4a-Ethyl-7-hydroxy-1-(1â€²-phenylethyl)perhydroquinolinium bromide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, o591-o592.	0.4	1
62	Crystal Structure of {Acetic acid 4-[7-(4-acetoxy-3-methoxyphenyl)-3,5-dioxoheptyl]-2-methoxy ester-03.05}-boron difluoride: A Boron Complex of Acetylated Tetrahydrocurcumin Derivative. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2004, 20, X167-X168.	0.1	1
63	(â€“)-1-Benzyl-4-[1(S)-phenylethylamino]-5,6-dihydropyridin-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2924-o2926.	0.2	1
64	(â€“)-1-Benzyl-4-[(1R)-2-hydroxy-1-phenylethylamino]-5,6-dihydropyridin-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2927-o2929.	0.2	1
65	X-ray crystal structures of new chiral enamines from 2,4-pentanedione and their heterocyclic derivatives. <i>Journal of Chemical Crystallography</i> , 2007, 37, 119-133.	1.1	1
66	Crystal Structure of an Unexpected Derivative of Curcumin: 2-[2-(4-Acetoxy-3-methoxyphenyl)ethyl]benzothiazole. <i>X-ray Structure Analysis Online</i> , 2009, 25, 97-98.	0.2	1
67	Chemodivergent Synthesis of 7-Aryl/alkyl-6-hydroxy-1,4-oxazepan-5-ones and 2-[Aryl/alkyl(hydroxy)methyl]morpholin-3-ones from a Common Epoxyamide Precursor. <i>Synthesis</i> , 2011, 2011, 2310-2320.	2.3	1
68	Diastereospecific Etherification and Diastereoselective Monobromination of (R)-(â€“)-1-(2-Hydroxy-1-phenylethyl)-3,4-dihydropyridin-2(1H)-one. <i>Heterocycles</i> , 2015, 91, 1042.	0.7	1
69	The influence of sulfur configuration in ¹ H NMR chemical shifts of diastereomeric five-membered cyclic sulfites. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 233-238.	1.9	1
70	Highly Regioselective Ring Opening of a Common N,N-Dialkylaziridinium Ion by Carboxylic Acids. <i>Heterocycles</i> , 2018, 96, 219.	0.7	1
71	Stereoconvergent synthesis of N-Boc-(2R,3S)-3-hydroxy-2-phenylpiperidine. <i>Tetrahedron Letters</i> , 2019, 60, 820-824.	1.4	1
72	4-Hydroxy-1,1â€²-bis[(S)-1-phenylethyl]-5,5â€²,6,6â€²-tetrahydro-3,4â€²-bipyridine-2,2â€²(1H,1â€²H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o408-o409.	0.2	1

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73	Diastereospecific Intramolecular Cyclopropanation of Enantiopure 8-Bromo-3-phenylhexahydrooxazolo[3,2-a]pyridin-5-ones. <i>Heterocycles</i> , 2018, 96, 152.	0.7	1
74	Preparation of Chiral Î²-Enamino Esters from Methyl Propiolate: Synthesis of Chiral Methyl 1-Substituted 6-Oxo-1,4,5,6-tetrahydropyridine-3-carboxylates. <i>Heterocycles</i> , 2018, 96, 895.	0.7	1
75	(-)-(1â€²S,4aS,7R,8aR)-4a-Ethyl-7-hydroxy-1-(1â€²-phenylethyl)perhydroquinolinium Bromide.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
76	(1â€²R,3S)-2-Oxo-1-(1â€²-phenylethyl)piperidine-3-carboxylic acid: a case of a very strong intramolecular hydrogen bond. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2110-o2112.	0.2	0
77	Crystal Structure of the Curcumin Derivative, Acetic Acid 4-[7-(4-Acetoxy-3-methoxyphenyl)-3,5-dioxoheptyl]-2-methoxyphenyl ester. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2004, 20, X91-X92.	0.1	0
78	Crystal Structures and Synthesis of 5-Hydroxy-1,7-bis(4-hydroxy-3-methoxyphenyl)-hept-4,6-dien-3-one. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2005, 21, X59-X60.	0.1	0
79	Heterocyclic Derivatives of Curcumin: Crystal Structure of 3,5-Bis[.BETA.-(4-acetoxy-3-methoxyphenyl)ethyl]isoxazol. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X165-X166.	0.1	0
80	(1â€²S,2R,3R)-(âˆ™)-2-Hydroxy-3-morpholino-3-phenyl-N-(1â€²-phenylethyl)propionamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o743-o743.	0.2	0
81	Crystal structures of two chiral piperidine derivatives: 1-[(1R)-2-hydroxy-1-phenylethyl]piperidin-4-one and 8-[(1S)-1-phenylethyl]-1,4-dioxo-8-azaspiro[4.5]decane-7-thione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1207-1211.	0.5	0
82	Divergent Synthesis of 5,6- and 3,6-Dihydropyridin-2(1H)-one via Intramolecular Knoevenagel Condensation. <i>Heterocycles</i> , 2019, 98, 96.	0.7	0
83	Efficient Synthesis of Chiral 5-Methoxycarbonylpyridin-2(1H)-ones and 3-Bromo-5-methoxycarbonylpyridin-2(1H)-ones. <i>Heterocycles</i> , 2019, 98, 215.	0.7	0
84	Diastereoselective synthesis of new zwitterionic bicyclic lactams, scaffolds for construction of 2-substituted-4-hydroxy piperidine and its pipercolic acid derivatives. <i>RSC Advances</i> , 2022, 12, 4187-4190.	3.6	0