

# Tomas Tejero

## List of Publications by Year in descending order

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151  
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4,753  
citations

94433

37  
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133252

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all docs

180  
docs citations

180  
times ranked

3329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acyl Group Migration in Pyranosides as Studied by Experimental and Computational Methods. Chemistry - A European Journal, 2022, 28, .	3.3	8
2	Absence of Intermediates in the BINOL-Derived Mg(II)/Phosphate-Catalyzed Desymmetrization of 1-Vinylcyclobutanols. Journal of Organic Chemistry, 2022, 87, 693-707.	3.2	11
3	The Pseudotransannular Ring Opening of 1-Aminocycloheptane-derived Epoxides in the Synthesis of Tropane Alkaloids: Total Synthesis of (±)-Ferrugine. European Journal of Organic Chemistry, 2021, 2021, 2855-2861.	2.4	2
4	Enantioselective Synthesis of Tropanes: Brønsted Acid Catalyzed Pseudotransannular Desymmetrization. Angewandte Chemie - International Edition, 2020, 59, 6780-6784.	13.8	15
5	Enantioselective Synthesis of Tropanes: Brønsted Acid Catalyzed Pseudotransannular Desymmetrization. Angewandte Chemie, 2020, 132, 6846-6850.	2.0	5
6	Concerted Albeit Not Pericyclic Cycloadditions: Understanding the Mechanism of the (4+3) Cycloaddition between Nitrones and 1,2-Diaza-1,3-dienes. European Journal of Organic Chemistry, 2019, 2019, 391-400.	2.4	4
7	Transient and intermediate carbocations in ruthenium tetroxide oxidation of saturated rings. Beilstein Journal of Organic Chemistry, 2019, 15, 1552-1562.	2.2	4
8	Rearrangement Reactions in Aza-Vinyllogous Povarov Products: Metal-Free Synthesis of C <sup>3</sup> -Functionalized Quinolines and Studies on their Synthetic Application. European Journal of Organic Chemistry, 2019, 2019, 6452-6464.	2.4	4
9	UDP-GlcNAc Analogues as Inhibitors of <i>O</i> -GlcNAc Transferase (OGT): Spectroscopic, Computational, and Biological Studies. Chemistry - A European Journal, 2018, 24, 7264-7272.	3.3	8
10	Carboxylates as Nucleophiles in the Enantioselective Ring-Opening of Formylcyclopropanes under Iminium Ion Catalysis. Chemistry - A European Journal, 2018, 24, 8764-8768.	3.3	19
11	Catalytic Enantioselective Cloke-Wilson Rearrangement. Angewandte Chemie, 2018, 130, 8357-8361.	2.0	36
12	Revealing carbocations in highly asynchronous concerted reactions: The ene-type reaction between dithiocarboxylic acids and alkenes. Tetrahedron, 2018, 74, 5627-5634.	1.9	13
13	Catalytic Enantioselective Cloke-Wilson Rearrangement. Angewandte Chemie - International Edition, 2018, 57, 8225-8229.	13.8	86
14	A molecular electron density theory study of the [3 + 2] cycloaddition reaction of nitrones with ketenes. Organic and Biomolecular Chemistry, 2017, 15, 1618-1627.	2.8	33
15	Regioselectivity Change in the Organocatalytic Enantioselective (3+2) Cycloaddition with Nitrones through Cooperative Hydrogen-Bonding Catalysis/Iminium Activation. Chemistry - A European Journal, 2017, 23, 2764-2768.	3.3	17
16	Pivotal Neighboring-Group Participation in Substitution versus Elimination Reactions - Computational Evidence for Ion Pairs in the Thionation of Alcohols with Lawesson's Reagent. European Journal of Organic Chemistry, 2017, 2017, 1952-1960.	2.4	21
17	Introducing topology to assess the synchronicity of organic reactions. Dual reactivity of oximes with alkenes as a case study. Organic Chemistry Frontiers, 2017, 4, 1541-1554.	4.5	22
18	New mechanistic interpretations for nitron reactivity. Organic and Biomolecular Chemistry, 2017, 15, 3364-3375.	2.8	31

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19	Organocatalytic Enantioselective Synthesis of Trifluoromethyl-Containing Tetralin Derivatives by Sequential (Hetero)Michael Reaction–Intramolecular Nitrono Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3752-3764.	4.3	10
20	BET & ELF Quantum Topological Analysis of Neutral 2-Aza-Cope Rearrangement of $\beta^3$ -Alkenyl Nitrones. <i>Molecules</i> , 2017, 22, 1371.	3.8	4
21	Azomethine Ylides from Nitrones: Using Catalytic <i>n</i> -BuLi for the Totally Stereoselective Synthesis of <i>trans</i> -2-Alkyl-3-oxazolines. <i>Chemistry - A European Journal</i> , 2016, 22, 11527-11532.	3.3	19
22	Glycomimetics Targeting Glycosyltransferases: Synthetic, Computational and Structural Studies of Less-Polar Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 7215-7224.	3.3	19
23	Rational Design of Glycomimetic Compounds Targeting the <i>Saccharomyces cerevisiae</i> Transglycosylase Gas2. <i>Chemical Biology and Drug Design</i> , 2016, 87, 163-170.	3.2	2
24	Azomethine Ylides from Nitrones: Using Catalytic <i>n</i> -BuLi for the Totally Stereoselective Synthesis of <i>trans</i> -2-Alkyl-3-oxazolines. <i>Chemistry - A European Journal</i> , 2016, 22, 11477-11477.	3.3	0
25	Nucleoside Diphosphate Sugar Analogues that Target Glycosyltransferases. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1413-1427.	2.7	5
26	Synthesis of Amino-Acid-Nucleoside Conjugates. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1525-1534.	2.7	2
27	Revisiting oxime–nitrono tautomerism. Evidence of nitrono tautomer participation in oxime nucleophilic addition reactions. <i>RSC Advances</i> , 2016, 6, 22161-22173.	3.6	29
28	Revealing Stepwise Mechanisms in Dipolar Cycloaddition Reactions: Computational Study of the Reaction between Nitrones and Isocyanates. <i>Journal of Organic Chemistry</i> , 2016, 81, 673-680.	3.2	25
29	Mechanism Switch in Mannich-Type Reactions: ELF and NCI Topological Analyses of the Reaction between Nitrones and Lithium Enolates. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4143-4152.	2.4	16
30	Understanding Bond Formation in Polar One-Step Reactions. Topological Analyses of the Reaction between Nitrones and Lithium Enolates. <i>Journal of Organic Chemistry</i> , 2015, 80, 4076-4083.	3.2	32
31	Highly diastereoselective 1,3-dipolar cycloadditions of chiral non-racemic nitrones to 1,2-diaza-1,3-dienes: an experimental and computational investigation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8888-8901.	2.8	14
32	DFT Investigation of the Mechanism of <i>E</i> / <i>Z</i> Isomerization of Nitrones. <i>Journal of Organic Chemistry</i> , 2014, 79, 8358-8365.	3.2	26
33	[2 $n^2$ + 2 $n^2$ ] Cycloadditions: an alternative to forbidden [4 $\pi$ + 4 $\pi$ ] processes. The case of nitrono dimerization. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 517-525.	2.8	11
34	Theoretical Elucidation of the Mechanism of the Cycloaddition between Nitrono Ylides and Electron-Deficient Alkenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 2189-2202.	3.2	15
35	Recent Advances on the Enantioselective Synthesis of C-Nucleosides Inhibitors of Inosine Monophosphate Dehydrogenase (IMPDH). <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1212-1224.	2.1	8
36	Evasive Neutral 2-Aza-Cope Rearrangements. Kinetic and Computational Studies with Cyclic Nitrones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5721-5730.	2.4	21

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37	Synthesis of O- and C-glycosides derived from Î²-(1,3)-d-glucans. Carbohydrate Research, 2013, 382, 9-18.	2.3	5
38	Stereoselective 1,3-dipolar cycloadditions of nitrones derived from amino acids. Asymmetric synthesis of N-(alkoxycarbonylmethyl)-3-hydroxypyrrolidin-2-ones. Tetrahedron, 2013, 69, 9381-9390.	1.9	11
39	Recent Progress on Fucosyltransferase Inhibitors. Mini-Reviews in Medicinal Chemistry, 2012, 12, 1455-1464.	2.4	12
40	CROSS-COUPLING REACTIONS FOR THE SYNTHESIS OF C-GLYCOSIDES AND RELATED COMPOUNDS. Heterocycles, 2012, 86, 791.	0.7	23
41	Recent Advances on the Synthesis of Piperidines through Ruthenium-Catalyzed Ring-Closing Metathesis (RCM) Reactions. Heterocycles, 2012, 84, 75.	0.7	34
42	Highly stereoselective synthesis of imino-C-di- and trisaccharides as hydrolytically stable glycomimetics. Tetrahedron, 2012, 68, 6674-6687.	1.9	8
43	Sequential Nucleophilic Addition/Intramolecular Cycloaddition to Chiral Nonracemic Cyclic Nitrones: A Highly Stereoselective Approach to Polyhydroxynortropane Alkaloids. Journal of Organic Chemistry, 2011, 76, 4139-4143.	3.2	45
44	Thiourea catalyzed organocatalytic enantioselective Michael addition of diphenyl phosphite to nitroalkenes. Organic and Biomolecular Chemistry, 2011, 9, 2777.	2.8	43
45	Structural Insights into the Mechanism of Protein O-Fucosylation. PLoS ONE, 2011, 6, e25365.	2.5	85
46	High-yield synthesis of pyrrolidinyl PNA monomers. Tetrahedron Letters, 2011, 52, 6003-6006.	1.4	5
47	Water-compatible one-pot organocatalytic asymmetric synthesis of cyclic nitrones. Application in intramolecular 1,3-dipolar cycloadditions. Tetrahedron Letters, 2011, 52, 5976-5979.	1.4	18
48	Enhanced Efficiency of Thiourea Catalysts by External Brønsted Acids in the Friedel-Crafts Alkylation of Indoles. European Journal of Organic Chemistry, 2011, 2011, 3700-3705.	2.4	65
49	Nitrone Ylides: Two Possible 1,3-Dipolar Cycloadditions but Only One Stepwise Formation of all-cis-5-aryl-2,3,5-trisubstituted N-Hydroxypyrrolidines. European Journal of Organic Chemistry, 2011, 2011, 6567-6573.	2.4	15
50	Organocatalytic Activation of Imines and Related Compounds Through Hydrogen-Bond Interactions. Current Organic Chemistry, 2011, 15, 2184-2209.	1.6	8
51	Mannich-Type Reactions of Nitrones, Oximes, and Hydrazones. Synlett, 2011, 2011, 1965-1977.	1.8	31
52	Tunable Diastereoselection of Biased Rigid Systems by Lewis Acid Induced Conformational Effects: A Rationalization of the Vinylation of Cyclic Nitrones En Route to Polyhydroxylated Pyrrolidines. Chemistry - A European Journal, 2010, 16, 9910-9919.	3.3	28
53	Expanding the Limits of Organoboron Chemistry: Synthesis of Functionalized Arylboronates. Angewandte Chemie - International Edition, 2010, 49, 7164-7165.	13.8	28
54	Synthesis of d-arabinose-derived polyhydroxylated pyrrolidine, indolizidine and pyrrolizidine alkaloids. Total synthesis of hyacinthacine A2. Tetrahedron, 2010, 66, 1220-1227.	1.9	72

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55	Asymmetric organocatalytic synthesis of $\hat{I}^3$ -nitrocarbonyl compounds through Michael and Domino reactions. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2561-2601.	1.8	151
56	Experimental and theoretical studies on Mannich-type reactions of chiral non-racemic N-(benzyloxyethyl) nitrones. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2934-2943.	1.8	13
57	Enantioselective Organocatalytic Diels-Alder Reactions. <i>Synthesis</i> , 2010, 2010, 1-26.	2.3	154
58	Synthesis of N-(Benzyloxyethyl)- and N-(Alkoxy-carbonylmethyl)nitrones. <i>Synthesis</i> , 2010, 2010, 678-688.	2.3	3
59	Chemistry and Biology of Iminosugar Di- and Oligosaccharides. <i>Current Chemical Biology</i> , 2009, 3, 253-271.	0.5	18
60	Catalytic Enantioselective Aza-Henry Reactions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2401-2420.	2.4	186
61	Organocatalyzed Strecker reactions. <i>Tetrahedron</i> , 2009, 65, 1219-1234.	1.9	130
62	Intramolecular 1,3-dipolar cycloaddition of N-alkenyl nitrones en route to glycosyl piperidines. <i>Tetrahedron Letters</i> , 2009, 50, 7152-7155.	1.4	16
63	Chemistry and Biology of Iminosugar Di- and Oligosaccharides. <i>Current Chemical Biology</i> , 2009, 3, 253-271.	0.5	14
64	Nucleophilic Additions to Cyclic Nitrones en Route to Iminocyclitols – Total Syntheses of DMDP, 6-deoxy-DMDP, DAB-1, CYB-3, Nectrisine, and Radicamine B. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2929-2947.	2.4	119
65	Exploring Nitrone Chemistry: Towards the Enantiodivergent Synthesis of 4-Substituted 4-Hydroxypipercolic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3943-3959.	2.4	34
66	Current Developments in the Synthesis and Biological Activity of Aza-C-Nucleosides: Immucillins and Related Compounds. <i>Current Medicinal Chemistry</i> , 2008, 15, 954-967.	2.4	31
67	Furan Oxidations in Organic Synthesis: Recent Advances and Applications. <i>Current Organic Chemistry</i> , 2007, 11, 1076-1091.	1.6	74
68	Hydroxylamine Oxygen as Nucleophile in Palladium(0)- and Palladium(II)-Catalyzed Allylic Alkylation: A Novel Access to Isoxazolidines. <i>Synlett</i> , 2007, 2007, 0944-0948.	1.8	18
69	Nucleophilic Additions and Redox Reactions of Polyhydroxypyrroline N-Oxides on the Way to Pyrrolidine Alkaloids: Total Synthesis of Radicamine B. <i>Synlett</i> , 2007, 2007, 2651-2654.	1.8	35
70	A DFT study on the 1,3-dipolar cycloaddition reactions of C-(hetaryl) nitrones with methyl acrylate and vinyl acetate. <i>Tetrahedron</i> , 2007, 63, 1448-1458.	1.9	37
71	3-(Aminomethyl)-2-(carboxymethyl)isoxazolidinyl nucleosides: building blocks for peptide nucleic acid analogues. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1517-1520.	1.8	13
72	Experimental and theoretical evidences of 2-aza-Cope rearrangement of nitrones. <i>Tetrahedron Letters</i> , 2007, 48, 3385-3388.	1.4	27

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73	$^1\text{H}$ and $^{15}\text{N}$ HMBC as a valuable tool for the identification and characterization of nitrones. <i>Tetrahedron Letters</i> , 2007, 48, 4101-4104.	1.4	2
74	Enantiodivergent Synthesis of d- and l-erythro-Sphingosines through Mannich-Type Reactions of N-Benzyl-2,3-O-isopropylidene-d-glyceraldehyde Nitronone. <i>Journal of Organic Chemistry</i> , 2006, 71, 4685-4688.	3.2	32
75	High stereocontrol in the allylation of chiral non-racemic $\hat{1}\pm$ -alkoxy and $\hat{1}\pm$ -amino nitrones. <i>Tetrahedron Letters</i> , 2006, 47, 3311-3314.	1.4	24
76	Stereoselective synthesis of pyrrolidinyl glycines from nitrones: complementarity of nucleophilic addition and 1,3-dipolar cycloaddition. <i>Tetrahedron Letters</i> , 2006, 47, 5013-5016.	1.4	17
77	A DFT Study of the Molecular Mechanisms of the Nucleophilic Addition of Ester-Derived Lithium Enolates and Silyl Ketene Acetals to Nitrones: Effects of the Lewis Acid Catalyst. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3464-3472.	2.4	23
78	Straightforward synthesis of enantiopure 2-aminomethyl and 2-hydroxymethyl pyrrolidines with complete stereocontrol. <i>Tetrahedron Letters</i> , 2005, 46, 1287-1290.	1.4	43
79	Nucleophilic additions of lithiated allylphenylsulfone to nitrones: experimental and theoretical investigations. <i>Tetrahedron</i> , 2005, 61, 3335-3347.	1.9	26
80	An efficient approach to enantiomeric isoxazolidinyl analogues of tiazofurin based on nitronone cycloadditions. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3865-3876.	1.8	44
81	Stereoselective Allylation Reactions of Imines and Related Compounds. <i>Current Organic Synthesis</i> , 2005, 2, 479-498.	1.3	36
82	Effect of Additional Chiral Ligands in Catalytic Enantioselective Addition of Ketene Silyl Acetals to Nitrones. <i>Letters in Organic Chemistry</i> , 2005, 2, 302-305.	0.5	5
83	Enantioselective 1,3-Dipolar Cycloaddition of Nitrones to Methacrolein Catalyzed by $(\hat{1}\text{-5-C5Me5})\text{M}\{(\text{R})\text{-Prophos}\}$ Containing Complexes (M = Rh, Ir; (R)-Prophos =) <i>Journal of the Chemical Society</i> , 2005, 127, 13386-13398.	13.7	103
84	Zinc(II) Triflate-Controlled 1,3-Dipolar Cycloadditions of C-(2-Thiazolyl)nitrones: Application to the Synthesis of a Novel Isoxazolidinyl Analogue of Tiazofurin. <i>Journal of Organic Chemistry</i> , 2005, 70, 8991-9001.	3.2	46
85	Organocatalyzed Asymmetric $\hat{1}\pm$ -Aminoxylation of Aldehydes and Ketones: An Efficient Access to Enantiomerically Pure $\hat{1}\pm$ -Hydroxycarbonyl Compounds, Diols, and Even Amino Alcohols. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2995-2997.	13.8	179
86	Fully Stereoselective Nucleophilic Addition to a Novel Chiral Pyrroline N-Oxide: Total Syntheses of (2S,3R)-3-Hydroxy-3-methylproline and Its (2R)-Epimer. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 776-782.	2.4	42
87	Iterative Organometallic Addition to Chiral Hydroxylated Cyclic Nitrones: Highly Stereoselective Syntheses of $\hat{1}\pm, \hat{1}\pm$ - and $\hat{1}\pm, \hat{1}\pm$ -Substituted Hydroxypyrrolidines. <i>ChemInform</i> , 2004, 35, no.	0.0	0
88	Organocatalyzed Asymmetric $\hat{1}\pm$ -Aminoxylation of Aldehydes and Ketones: An Efficient Access to Enantiomerically Pure $\hat{1}\pm$ -Hydroxycarbonyl Compounds, Diols, and Even Amino Alcohols. <i>ChemInform</i> , 2004, 35, no.	0.0	0
89	Organometallic gold(III) and gold(I) complexes as catalysts for the 1,3-dipolar cycloaddition to nitrones: synthesis of novel gold nitronone derivatives. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1788-1795.	1.8	31
90	The Complete Characterization of a Rhodium Lewis Acid Dipolarophile Complex as an Intermediate for the Enantioselective Catalytic 1,3-Dipolar Cycloaddition of C,N-Diphenylnitronone to Methacrolein. <i>Journal of the American Chemical Society</i> , 2004, 126, 2716-2717.	13.7	77

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91	1,3-Dipolar cycloaddition between N-benzyl-C-glycosyl nitrones and methyl acrylate en route to glycosyl pyrrolidines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3731-3743.	1.8	17
92	Stereoselective Synthesis of (âˆ“) -Deacetylanisomycin. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2877-2881.	2.4	7
93	A Comparative Study of the Stereoselective Addition of Trimethylsilyl Cyanide and Diethylaluminum Cyanide to Chiral Cyclic Nitrones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
94	A DFT study on the 1,3-dipolar cycloaddition reactions of C-(methoxycarbonyl)-N-methyl nitrone with methyl acrylate and vinyl acetate. <i>Tetrahedron</i> , 2003, 59, 3581-3592.	1.9	69
95	Isoxazolidine analogues of pseudouridine: a new class of modified nucleosides. <i>Tetrahedron</i> , 2003, 59, 4733-4738.	1.9	42
96	A comparative study of the stereoselective addition of trimethylsilyl cyanide and diethylaluminum cyanide to chiral cyclic nitrones. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 367-379.	1.8	45
97	Iterative Organometallic Addition to Chiral Hydroxylated Cyclic Nitrones:â€™ Highly Stereoselective Syntheses of Î±,Î±- and Î±,Î±-Substituted Hydroxypyrrolidines. <i>Organic Letters</i> , 2003, 5, 4235-4238.	4.6	77
98	An investigation of the Lewis acid mediated 1,3-dipolar cycloaddition between N-benzyl-C-(2-pyridyl)nitron and allylic alcohol. Direct entry to isoxazolidinyl C-nucleosides. Electronic supplementary information (ESI) available: optimized geometries (PDB) Tj ETQq0 0 0 rgBT 10 rlock 10 Tf 50 45	1.8	16
99	Enantioselective synthesis of 4-hydroxy-d-pyroglyutamic acid derivatives by an asymmetric 1,3-dipolar cycloaddition. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 167-172.	1.8	35
100	Experimental and theoretical study of the 1,3-dipolar cycloaddition between d-glyceraldehyde nitrones and acrylates. Diastereoselective approach to 4-hydroxy pyroglyutamic acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 173-190.	1.8	46
101	Efficient synthesis of (2R,3S)- and (2S,3S)-2-amino-1,3,4-butanetriols through stereodivergent hydroxymethylation of d-glyceraldehyde nitrones. <i>Tetrahedron Letters</i> , 2002, 43, 459-462.	1.4	20
102	Crystal and Molecular Structures of N-benzyl-C-(2-pyridyl) nitron and its ZnBr2 Complex. A Study of Their Reactivity. <i>Molecules</i> , 2001, 6, 208-220.	3.8	11
103	Understanding the high diastereofacial discrimination in nucleophilic additions to nitrones: the first ab initio study on the nucleophilic addition reactions of chiral nitrones with Grignard reagents. <i>Tetrahedron</i> , 2001, 57, 8125-8128.	1.9	25
104	1,3-Dipolar Cycloaddition between Hetaryl Nitrones and Methyl Acrylate: Theoretical Study and Application to the Synthesis of Functionalized Pyrrolidines. <i>Heterocycles</i> , 2000, 53, 861.	0.7	19
105	Lewis acid stereocontrolled additions of a silyl ketene acetal to 2,3-di-O-isopropylidene-d-glyceraldehyde nitrones. Synthesis of l-isoxazolidinyl nucleosides. <i>Tetrahedron Letters</i> , 2000, 41, 9239-9243.	1.4	32
106	Stereoselective synthesis of l -isoxazolidinyl thymidine from N -benzyl-1,2-di- O -isopropylidene- d -glyceraldehyde nitron (BIGN). <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1543-1554.	1.8	23
107	1,3-Dipolar Cycloadditions of N-Benzyl Furfuryl Nitrones with Electron-rich Alkenes. <i>Molecules</i> , 2000, 5, 132-152.	3.8	5
108	Stereodivergent Approaches to the Synthesis of Isoxazolidine Analogues of Î±-Amino Acid Nucleosides. Total Synthesis of Isoxazolidinyl Deoxypolyoxin C and Uracil Polyoxin Câ€™. <i>Journal of Organic Chemistry</i> , 2000, 65, 5575-5589.	3.2	61

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109	A General Method for the Vinylation of Nitrones. Synthesis of Allyl Hydroxylamines and Allyl Amines. <i>Synthetic Communications</i> , 2000, 30, 2989-3021.	2.1	23
110	1,3-Dipolar Cycloaddition of Furfuryl Nitrones with Acrylates. A Convenient Approach to Protected 4-Hydroxypyroglutamic Acids. <i>Journal of Organic Chemistry</i> , 2000, 65, 1590-1596.	3.2	49
111	Polyalkoxy Nitrones as Chiral Building Blocks in Asymmetric Synthesis. <i>Molecules</i> , 1999, 4, 169-179.	3.8	17
112	Stereochemistry of $\hat{1}\pm$ -(tert-butoxycarbonylamino) hydroxylamines: $^1\text{H}$ NMR analysis of hydroxylamines derived from 2-pyrrolidinyl nitrones. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1861-1865.	1.8	8
113	Highly diastereoselective nucleophilic addition of organometallic reagents to 2-pyrrolidinyl nitrones: a semiempirical approach. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1867-1871.	1.8	22
114	Nucleophilic additions of Grignard reagents to N-benzyl-2,3-O-isopropylidene-D-glyceraldehyde nitrone (BIGN). Synthesis of (2S,3R) and (2S,3S)-3-phenylisoserine. <i>Tetrahedron</i> , 1998, 54, 12301-12322.	1.9	34
115	Asymmetric synthesis of an isoxazolidine nucleoside analog of thymine polyoxin C. <i>Tetrahedron Letters</i> , 1998, 39, 6411-6414.	1.4	19
116	Totally stereocontrolled synthesis of $\hat{1}\pm, \hat{1}^2$ -diamino acids by addition of Grignard reagents to nitrones derived from l-serine. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 629-646.	1.8	62
117	Ready access to enantiopure 5-substituted-3-pyrrolin-2-ones from N-benzyl-2,3-O-isopropylidene-d-glyceraldehyde nitrone (BIGN). <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1759-1769.	1.8	26
118	Synthesis of isoxazolidin-5-ones via stereocontrolled Michael additions of benzylhydroxylamine to l-serine derived $\hat{1}\pm, \hat{1}^2$ -unsaturated esters. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3945-3949.	1.8	16
119	Modified nucleosides from nitrones: a new and efficient stereoselective approach to isoxazolidinyl thymidine derivatives. <i>Chemical Communications</i> , 1998, , 493-494.	4.1	34
120	Enantiodivergent Approach to d- and l-Secondary N-Hydroxy- $\hat{1}\pm$ -amino Acids by Using N-Benzyl-2,3-O-isopropylidene-d-glyceraldehyde Nitron as an Effective N-Hydroxyglycine Cation Equivalent. <i>Journal of Organic Chemistry</i> , 1998, 63, 2371-2374.	3.2	38
121	Asymmetric Addition Reactions of Lithium (Trimethylsilyl)acetylide with Chiral $\hat{1}\pm$ -Amino Nitrones. Synthesis of Diastereomerically Pure N-Hydroxy- $\hat{1}\pm$ -amino Acids. <i>Journal of Organic Chemistry</i> , 1998, 63, 5627-5630.	3.2	37
122	Stereoselective Addition of 2-Furyllithium and 2-Thiazolylithium to Sugar Nitrones. Synthesis of Carbon-Linked Glycoglycines. <i>Journal of Organic Chemistry</i> , 1997, 62, 5484-5496.	3.2	55
123	Applications of Sugar Nitrones in Synthesis: The Total Synthesis of (+)-Polyoxin J1. <i>Journal of Organic Chemistry</i> , 1997, 62, 5497-5507.	3.2	68
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125	Stereocontrolled addition of Grignard reagents to $\hat{1}\pm$ -alkoxy nitrones. Synthesis of syn and anti 3-amino-1,2-diols. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1725-1729.	1.8	36
126	Stereoselective grignard reactions to $\hat{1}\pm$ -amino nitrones. Synthesis of optically active $\hat{1}\pm$ -aminohydroxylamines and 1,2-diamines. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2381-2401.	1.8	45



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132	Absolute configuration determination in furfuryl amines and hydroxylamines by circular dichroism. Tetrahedron: Asymmetry, 1996, 7, 1529-1534.	1.8	6
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