

Jaume Vilarrasa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3603667/publications.pdf>

Version: 2024-02-01

145
papers

4,005
citations

94269

37
h-index

174990

52
g-index

184
all docs

184
docs citations

184
times ranked

3105
citing authors

#	ARTICLE	IF	CITATIONS
1	A fast procedure for the reduction of azides and nitro compounds based on the reducing ability of Sn(SR) ₃ -species. <i>Tetrahedron</i> , 1990, 46, 587-594.	1.0	191
2	New synthetic "tricks", Triphenylphosphine-mediated amide formation from carboxylic acids and azides. <i>Tetrahedron Letters</i> , 1984, 25, 4841-4844.	0.7	105
3	Cu ₂ (OTf) ₂ -Catalyzed and Microwave-Controlled Preparation of Tetrazoles from Nitriles and Organic Azides under Mild, Safe Conditions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3926-3930.	7.2	103
4	The Performance of Several Docking Programs at Reproducing Protein's "Macrolide-Like Crystal Structures. <i>Molecules</i> , 2017, 22, 136.	1.7	95
5	Asymmetric acetate aldol reactions in connection with an enantioselective total synthesis of macrolactin A. <i>Tetrahedron Letters</i> , 1996, 37, 8949-8952.	0.7	92
6	Simple and Efficient Preparation of Ketones from Morpholine Amides. <i>Synlett</i> , 1997, 12, 1414-1416.	1.0	76
7	Highly Enantioenriched Propargylic Alcohols by Oxazaborolidine-Mediated Reduction of Acetylenic Ketones. <i>Journal of Organic Chemistry</i> , 1996, 61, 9021-9025.	1.7	72
8	A New Route to ¹⁵ N-Labeled, N-Alkyl, and N-Amino Nucleosides via N-Nitration of Uridines and Inosines. <i>Journal of the American Chemical Society</i> , 1995, 117, 3665-3673.	6.6	70
9	Catalytic Staudinger's "Vilarrasa Reaction for the Direct Ligation of Carboxylic Acids and Azides. <i>Journal of Organic Chemistry</i> , 2009, 74, 2203-2206.	1.7	68
10	Computational comparison of microtubule-stabilising agents laulimalide and peloruside with taxol and colchicine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4825-4829.	1.0	66
11	One-pot conversion of azides to Boc-protected amines with trimethylphosphine and Boc-ON. <i>Tetrahedron Letters</i> , 1998, 39, 9101-9102.	0.7	63
12	Evaluation of MNDO calculated proton affinities. <i>Journal of Computational Chemistry</i> , 1984, 5, 230-236.	1.5	60
13	Enantioselective Addition of a Chiral Thiazolidinethione-Derived Titanium Enolate to Acetals. <i>Organic Letters</i> , 2001, 3, 615-617.	2.4	60
14	MNDO semiempirical and 4-31G ab initio SCF-MO calculations of heteroaromatic compounds. <i>Journal of Organic Chemistry</i> , 1985, 50, 4894-4899.	1.7	58
15	Cleavage of tert-butyldimethylsilyl ethers by chloride ion. <i>Tetrahedron Letters</i> , 1998, 39, 327-330.	0.7	57
16	New Synthetic "tricks", [Et ₃ NH][Sn(SPh ₃)] and Bu ₂ SnH ₂ , two useful reagents for the reduction of azides to amines. <i>Tetrahedron Letters</i> , 1987, 28, 5941-5944.	0.7	54
17	Enantioselective reduction of ketones catalysed by 1,3,2-oxazaborolidines prepared from phenylglycine. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 165-168.	1.8	54
18	Synthesis of (âˆš)-Amphidinolide K Fragment C ₉ âˆšC ₂₂ . <i>Organic Letters</i> , 2005, 7, 4083-4086.	2.4	54

#	ARTICLE	IF	CITATIONS
19	A practical procedure for the preparation of carbamates from azides. <i>Tetrahedron Letters</i> , 1999, 40, 7515-7517.	0.7	52
20	Alternative procedures for the macrolactamisation of β -Azido Acids. <i>Tetrahedron Letters</i> , 1993, 34, 4671-4674.	0.7	51
21	Seebach's oxazolidinone is a good catalyst for aldol reactions. <i>Tetrahedron Letters</i> , 2008, 49, 5414-5418.	0.7	49
22	The structure of the human tRNA ^{Lys} 3 anticodon bound to the HIV genome is stabilized by modified nucleosides and adjacent mismatch base pairs. <i>Nucleic Acids Research</i> , 2009, 37, 3342-3353.	6.5	49
23	New synthetic "tricks". Advantages of using triethylphosphine in some phosphorus-based reactions. <i>Tetrahedron Letters</i> , 1986, 27, 4623-4624.	0.7	48
24	Relative Tendency of Carbonyl Compounds To Form Enamines. <i>Organic Letters</i> , 2012, 14, 536-539.	2.4	48
25	Highly Stereoselective Aldol Reactions of Titanium Enolates from Lactate-Derived Chiral Ketones. <i>Organic Letters</i> , 2003, 5, 519-522.	2.4	46
26	Iododesilylation of TIPS-, TBDPS-, and TBS-Substituted Alkenes in Connection with the Synthesis of Amphidinolides B/D. <i>Organic Letters</i> , 2011, 13, 4934-4937.	2.4	45
27	Reaction of N-nitroso- and N-nitro-N-alkylamides with amines. <i>Journal of Organic Chemistry</i> , 1984, 49, 3322-3327.	1.7	43
28	New synthetic "tricks". Trimethylsilyl triflate mediated cleavage of hindered silyl ethers. <i>Tetrahedron Letters</i> , 1990, 31, 567-568.	0.7	43
29	Stereocontrolled Total Synthesis of Amphidinolide X via a Silicon-Tethered Metathesis Reaction. <i>Organic Letters</i> , 2008, 10, 5191-5194.	2.4	43
30	Enantioselective reduction of acetophenone with 1,3,2-oxazaborolidines derived from ephedrine, pseudoephedrine, and phenylglycine. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 13-16.	1.8	42
31	From vicinal azido alcohols to Boc-amino alcohols or oxazolidinones, with trimethylphosphine and Boc 2 O or CO 2. <i>Tetrahedron Letters</i> , 2001, 42, 4995-4999.	0.7	42
32	β -Amino acids by nucleophilic ring-opening of N-nosyl aziridines. <i>Tetrahedron</i> , 2001, 57, 7665-7674.	1.0	41
33	Application of the partitioning of energy in the mndo method to the study of the basicity of imidazole, pyrazole, oxazole, and isoxazole. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 1189-1196.	1.4	40
34	New synthetic "tricks". One-pot preparation of N-substituted phthalimides from azides and phthalic anhydride. <i>Tetrahedron Letters</i> , 1986, 27, 639-640.	0.7	40
35	A synthetic approach towards octalactin A, based on the stereoselective reduction of β,β -unsaturated ketones. <i>Tetrahedron Letters</i> , 1995, 36, 3425-3428.	0.7	39
36	Theoretical calculations of proton affinities of azines. Prediction of the relative basicities and preferred protonation sites. <i>Journal of Computational Chemistry</i> , 1988, 9, 784-789.	1.5	38

#	ARTICLE	IF	CITATIONS
37	Reduction of Azides to Amines Mediated by Tin Bis(1,2-benzenedithiolate). <i>Organic Letters</i> , 2000, 2, 397-399.	2.4	38
38	Toward a Total Synthesis of Amphidinolide X and Y. The Tetrahydrofuran-Containing Fragment C12a-C21. <i>Organic Letters</i> , 2007, 9, 989-992.	2.4	38
39	Collision-induced dissociation of cytidine and its derivatives. <i>Journal of Mass Spectrometry</i> , 2007, 42, 49-57.	0.7	38
40	Cyclization of 9-substituted decanoic acid derivatives to 9-decanolide and 9-decanolactam. <i>Journal of Organic Chemistry</i> , 1991, 56, 5132-5138.	1.7	37
41	Highly stereoselective aldol reactions of titanium enolates from ethyl $\hat{1}\pm$ -silyloxyalkyl ketones. <i>Tetrahedron Letters</i> , 1997, 38, 1637-1640.	0.7	35
42	Oxazaborolidine-catalysed reduction of alk-2-ene-1,4-diones. A convenient access to chiral 1,4-diols. <i>Tetrahedron</i> , 1998, 54, 14947-14962.	1.0	35
43	Unprecedented Highly Stereoselective $\hat{1}\pm$ - and $\hat{1}^2$ -C-Glycosidation with Chiral Titanium Enolates. <i>Organic Letters</i> , 2002, 4, 4651-4654.	2.4	34
44	On the Reaction of Acyl Chlorides and Carboxylic Anhydrides with Phosphazenes. <i>Journal of Organic Chemistry</i> , 1996, 61, 5638-5643.	1.7	33
45	Nitrosation of peptide bonds. Cleavage of nitrosated peptides by pyrrolidine and $\hat{1}\pm$ -amino esters. <i>Tetrahedron</i> , 1984, 40, 3121-3127.	1.0	32
46	High-Yielding Preparation of [3- ^{15}N]Cytidine, [4- $^{15}\text{NH}_2$]Cytidine, and [3- ^{15}N ,4- $^{15}\text{NH}_2$]Cytidine. <i>Journal of Organic Chemistry</i> , 2000, 65, 2827-2829.	1.7	32
47	New Protecting Groups for 1,2-Diols (Boc- and Moc-ethylidene). Cleavage of Acetals with Bases. <i>Organic Letters</i> , 2000, 2, 2809-2811.	2.4	32
48	Michael Addition-Elimination Reactions of Chiral Enolates with Ethyl 3-Halopropenoates. <i>Organic Letters</i> , 2008, 10, 65-68.	2.4	31
49	Improved methods for the N-nitration of amides. <i>Journal of Organic Chemistry</i> , 1991, 56, 7038-7042.	1.7	30
50	Characterization of new mesomeric betaines arising from methylation of imidazo[2,1-c][1,2,4]triazin-4(1H)-one, pyrazolo[5,1-c][1,2,4]triazin-4(1H)-one, and 1,2,4-triazolo[5,1-c][1,2,4]triazin-4(1H)-one. <i>Journal of Organic Chemistry</i> , 1988, 53, 887-891.	1.7	29
51	Allylic alcohols of unexpected configuration by oxazaborolidine-catalysed reduction of $\hat{1}\pm$, $\hat{1}^2$ -unsaturated ketones. An explanation based on MO calculations. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2683-2686.	1.8	29
52	Pseudoaxially Disubstituted Cyclo- $\hat{1}^2$ -tetrapeptide Scaffolds. <i>Tetrahedron</i> , 2000, 56, 7947-7958.	1.0	29
53	Enantiopure $\hat{1}^2$ -methoxy carboxyl derivatives from a chiral titanium enolate and dimethyl acetals. <i>Tetrahedron Letters</i> , 2001, 42, 4629-4631.	0.7	29
54	N-nitrosation and N-nitration of lactams. From macrolactams to macrolactones. <i>Tetrahedron</i> , 1989, 45, 863-868.	1.0	28

#	ARTICLE	IF	CITATIONS
55	Chemoselective protection of thiols versus alcohols and phenols. The Tosvinyl group. <i>Tetrahedron Letters</i> , 2003, 44, 6369-6373.	0.7	28
56	Importance of the Electron Correlation and Dispersion Corrections in Calculations Involving Enamines, Hemiaminals, and Aminals. Comparison of B3LYP, M06-2X, MP2, and CCSD Results with Experimental Data. <i>Journal of Organic Chemistry</i> , 2015, 80, 11977-11985.	1.7	27
57	Molecular and electronic structure of the low-lying electronic states of cycloalkenylidenes: cyclopropenylidene. <i>Journal of the American Chemical Society</i> , 1988, 110, 1694-1700.	6.6	26
58	Stereoselective reduction of unsaturated 1,4-diketones. A practical route to chiral 1,4-diols. <i>Tetrahedron Letters</i> , 1997, 38, 1091-1094.	0.7	26
59	Simple and Efficient Preparation of Enantiopure Alkyl β -Hydroxyalkyl Ketones. <i>Synthesis</i> , 2000, 2000, 1608-1614.	1.2	26
60	Gold(III) Complexes Catalyze Deoximinations/Transoximinations at Neutral pH. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3275-3279.	7.2	26
61	4-31G ab initio and MNDO semi-empirical calculations on bicyclic CN7 β and N8 species, and n.m.r. and i.r. studies on ^{15}N -labelled CN7 β . <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 959-961.	2.0	25
62	From azido acids to macrolactams and macrolactones. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 270.	2.0	24
63	N-Nitration, ^{15}N -Labeling, and N-to-N Linking of Hydroxyl-Silylated Pyrimidine Nucleosides. <i>Journal of Organic Chemistry</i> , 1997, 62, 1547-1549.	1.7	24
64	Efficient Approach to Fluvirucins B2 β -B5, Sch 38518, and Sch 39185. First Synthesis of their Aglycon, via CM and RCM Reactions. <i>Organic Letters</i> , 2009, 11, 3198-3201.	2.4	24
65	Molecular and electronic structure of the low-lying electronic states of cycloalkenylidenes. Cyclopentadienylidene. <i>Journal of the American Chemical Society</i> , 1988, 110, 3740-3746.	6.6	22
66	Nitrosation of hindered amides. <i>Journal of Organic Chemistry</i> , 1989, 54, 3209-3211.	1.7	22
67	New synthetic β -tricks β TM . Direct conversion of nitro compounds to nitriles. <i>Tetrahedron Letters</i> , 1990, 31, 7497-7498.	0.7	22
68	Enolization of Chiral β -Silyloxy Ketones with Dicyclohexylchloroborane. Application to Stereoselective Aldol Reactions. <i>Organic Letters</i> , 2000, 2, 2599-2602.	2.4	22
69	Catalytic, PMe_3 -mediated conversion of secondary nitroalkanes to ketones: a very mild Nef-type process. <i>Tetrahedron Letters</i> , 2008, 49, 441-444.	0.7	22
70	Michael Reactions of Titanium Enolates of Glycolic Acid Derivatives with the Weinreb and Morpholine Amides of Acrylic Acid. <i>Journal of Organic Chemistry</i> , 2008, 73, 1578-1581.	1.7	22
71	High-Yielding Enantioselective Synthesis of the Macrolactam Aglycon of Sch 38516 from Two Units of (2R)-2-Ethyl-4-penten-1-ol. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3086-3089.	7.2	21
72	Reaction of uridines and thymidines with methyl propynoate. A new N-3 protecting group. <i>Tetrahedron Letters</i> , 1995, 36, 3261-3264.	0.7	20

#	ARTICLE	IF	CITATIONS
73	Epimerisation-free peptide formation from carboxylic acid anhydrides and azido derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 91-92.	2.0	20
74	Uracil- and thymine-substituted thymidine and uridine derivatives. <i>Tetrahedron Letters</i> , 1998, 39, 1835-1838.	0.7	20
75	Efficient Preparation of <i>N</i> -Phenylsulfonyl Ketimines from Oximes or Nitro Compounds without Racemization of \pm -Stereocenters. <i>Organic Letters</i> , 2007, 9, 4635-4638.	2.4	20
76	Bocdene and Mocdene Derivatives of Catechols and Catecholamines. <i>Organic Letters</i> , 2001, 3, 1399-1401.	2.4	19
77	Conversion of ketoximes to ketones with trimethylphosphine and 2,2'-dipyridyl diselenide. <i>Tetrahedron Letters</i> , 2004, 45, 5559-5561.	0.7	19
78	Discovery of Non-Nucleoside Inhibitors of HIV-1 Reverse Transcriptase Competing with the Nucleotide Substrate. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1810-1813.	7.2	19
79	Nucleophile-Catalyzed Additions to Activated Triple Bonds. Protection of Lactams, Imides, and Nucleosides with MocVinyl and Related Groups. <i>Journal of Organic Chemistry</i> , 2013, 78, 5832-5842.	1.7	19
80	New synthetic "tricks". A novel one-pot procedure for the conversion of primary nitro groups into aldehydes. <i>Tetrahedron Letters</i> , 1990, 31, 7499-7500.	0.7	18
81	A simple procedure for the preparation of enantiopure ethyl \pm -hydroxyalkyl ketones. <i>Tetrahedron Letters</i> , 1997, 38, 1633-1636.	0.7	18
82	Synthesis of Amphidinolide E C10-C26 Fragment. <i>Organic Letters</i> , 2008, 10, 4843-4846.	2.4	18
83	Reaction of Dess-Martin periodinane with 2-(alkylselenyl)pyridines. Dehydration of primary alcohols under extraordinarily mild conditions. <i>Tetrahedron Letters</i> , 2010, 51, 1863-1866.	0.7	18
84	¹³ C and proton nuclear magnetic resonance spectra of trans-[aryl bromobis(triethyl) phosphine] Pt(PEt ₃) ₂ X groups. <i>Magnetic Resonance in Chemistry</i> , 1986, 24, 243-246.	1.1	17
85	Synthetic routes to the stereoisomers of 2,4-dimethylpentane-1,5-diol derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 8805-8809.	0.7	17
86	New synthetic "tricks" using old reagents. A mild method for the conversion of RCONHR ² to RCONHR ³ . <i>Tetrahedron Letters</i> , 1982, 23, 1127-1128.	0.7	16
87	Stabilisation of pyrimidine nucleoside triflates by N-nitro groups. <i>Tetrahedron Letters</i> , 1998, 39, 7575-7578.	0.7	16
88	Computer-Aided Insight into the Relative Stability of Enamines. <i>Synthesis</i> , 2017, 49, 5285-5306.	1.2	16
89	Substituent Effects on the Low-Lying Singlet and Triplet States of Methylene. <i>Journal of Computational Chemistry</i> , 1986, 7, 428-442.	1.5	15
90	AM1 study of the protonation of pteridine-related tetraazanaphthalenes. <i>Journal of Organic Chemistry</i> , 1988, 53, 3900-3903.	1.7	15

#	ARTICLE	IF	CITATIONS
91	Reactivity of diazoazoles with electron-rich double bonds. Journal of the Chemical Society Perkin Transactions II, 1990, , 1943-1950.	0.9	15
92	Transfer of 1-Alkenyl Groups between Secondary Amines. Relative Stability and Reactivity of Enamines from Popular Organocatalysts. Organic Letters, 2014, 16, 2900-2903.	2.4	15
93	New bicyclic nucleosides related to 6-azaisocytidine. Tetrahedron Letters, 1996, 37, 901-904.	0.7	14
94	Design and synthesis of a novel cyclo- β^2 -tetrapeptide. Tetrahedron Letters, 1999, 40, 2629-2632.	0.7	14
95	Reaction of chiral titanium Z-enolates with chiral β -silyloxy aldehydes. Syntheses of NFX-2 and Antimycinone. Tetrahedron Letters, 1999, 40, 5083-5086.	0.7	14
96	AuBr ₃ -Catalyzed Thiooxime-to-Carbonyl Conversion: From Chiral Aliphatic Nitro Compounds to Ketones without Racemization. Organic Letters, 2009, 11, 4414-4417.	2.4	14
97	Mechanism of Action of the Cytotoxic Macrolides Amphidinolide X and J. ChemBioChem, 2011, 12, 1027-1030.	1.3	14
98	Formal Total Synthesis of Amphidinolide E. Journal of Organic Chemistry, 2017, 82, 11021-11034.	1.7	14
99	From (E)- and (Z)-ketoximes to N -sulfonylimines, ketimines or ketones at will. Application to erythromycin derivatives. Tetrahedron Letters, 2004, 45, 5563-5567.	0.7	13
100	2,5-DIAZACYCLOPENTADIENYDENE: A STANDARD CARBENE OR A HIGHLY REACTIVE DIRADICAL ?. Chemistry Letters, 1980, 9, 1489-1492.	0.7	12
101	Reaction of achiral titanium Z-enolates with chiral β -silyloxy aldehydes. Tetrahedron Letters, 1999, 40, 5079-5082.	0.7	12
102	¹⁵ N Double-Labeled Guanosine from Inosine through Ring-Opening~Ring-Closing and One-Pot Pd-Catalyzed C~O and C~N Cross-Coupling Reactions. Journal of Organic Chemistry, 2010, 75, 4880-4883.	1.7	12
103	Thymidine- and AZT-linked 5-(1,3-dioxoalkyl)tetrazoles and 4-(1,3-dioxoalkyl)-1,2,3-triazoles. Tetrahedron Letters, 2012, 53, 514-518.	0.7	12
104	6-Pivaloyl-1,2,3,3a,6-pentaazapentalene. Steric effects on the 2-azidoimidazole/imidazo[1,2-d]tetrazole equilibrium. Tetrahedron Letters, 1976, 17, 4175-4176.	0.7	11
105	An unexpected reaction in the lactamisation of 13-azido-13-deoxy-(9S)-9-dihydroerythronolide a seco-acid derivatives. Tetrahedron Letters, 1992, 33, 3669-3672.	0.7	11
106	Azide- or fluorine-containing 2- ϵ^2 & 3- ϵ^2 -azolyluridines by regioselective opening of 1-(2- ϵ^2 ,3- ϵ^2 -anhydro- β^2 -d-lyxofuranosyl)uracils. Tetrahedron Letters, 1992, 33, 4069-4072.	0.7	11
107	Syntheses of the C-1 alkyl side chains of Zaragozaic acids A and C. Tetrahedron Letters, 1998, 39, 6765-6768.	0.7	11
108	Hybrids of macrolides and nucleobases or nucleosides. Tetrahedron Letters, 2000, 41, 3371-3375.	0.7	11

#	ARTICLE	IF	CITATIONS
109	A Direct, Efficient Method for the Preparation of N6-Protected ¹⁵ N-Labeled Adenosines. <i>Journal of Organic Chemistry</i> , 2004, 69, 5473-5475.	1.7	11
110	How Small Amounts of Impurities Are Sufficient to Catalyze the Interconversion of Carbonyl Compounds and Iminium Ions, or Is There a Metathesis through 1,3-Oxazetidinium Ions? Experiments, Speculations, and Calculations. <i>Helvetica Chimica Acta</i> , 2014, 97, 1177-1203.	1.0	11
111	Nitrene-like behaviour of diazoazoles?. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 1127-1129.	2.0	10
112	New synthetic "tricks". From aliphatic amines and amides to azides and/or how to convert RNHCOR ² into RNHCOR ³ avoiding drastic hydrolyses. <i>Tetrahedron Letters</i> , 1987, 28, 341-342.	0.7	10
113	A synthetic approach to palmerolides via Negishi cross coupling. The challenge of the C15-C16 bond formation. <i>Tetrahedron Letters</i> , 2014, 55, 4623-4627.	0.7	10
114	Computational Study of the Addition of Methanethiol to 40+ Michael Acceptors as a Model for the Bioconjugation of Cysteines. <i>Journal of Organic Chemistry</i> , 2021, 86, 7107-7118.	1.7	10
115	A 200-MHz proton NMR study of the naphtho[2,1-e]tetrazolo[5,1-c]-as-triazine/3-azidonaphtho[2,1-e]-as-triazine/naphtho[2,1-e]tetrazolo[1,5-b]-as-triazine equilibrium. <i>Journal of Organic Chemistry</i> , 1982, 47, 3168-3169.		9
116	Tosvinyl and Besvinyl as Protecting Groups of Imides, Azinones, Nucleosides, Sultams, and Lactams. Catalytic Conjugate Additions to Tosylacetylene. <i>Journal of Organic Chemistry</i> , 2014, 79, 8826-8834.	1.7	9
117	Total Synthesis of Amphidinolide K, a Macrolide That Stabilizes F-Actin. <i>Journal of Organic Chemistry</i> , 2015, 80, 8511-8519.	1.7	9
118	Further Insight into the Interactions of the Cytotoxic Macrolides Laulimalide and Peloruside A with Their Common Binding Site. <i>ACS Omega</i> , 2018, 3, 1770-1782.	1.6	9
119	(Z)-Oxopropene-1,3-diy, a Linker for the Conjugation of the Thiol Group of Cysteine with Amino-Derivatized Drugs. <i>Journal of Organic Chemistry</i> , 2019, 84, 11170-11176.	1.7	9
120	Stereoselective synthesis of syn,syn-2-methyl-1,3-diols through one-pot aldol-reduction sequence. <i>Tetrahedron Letters</i> , 2002, 43, 6145-6148.	0.7	8
121	A novel nucleophilic approach to 1-alkyladenosines. A two-step synthesis of [1- ¹⁵ N]adenosine from inosine. <i>Chemical Communications</i> , 2005, , 3968.	2.2	8
122	[N,1- ¹⁵ N ₂]- ² -Deoxyadenosines. <i>Organic Letters</i> , 2005, 7, 2477-2479.	2.4	8
123	Pd-catalysed amidation of 2,6-dihalopurine nucleosides. Replacement of iodine at 0°C. <i>Tetrahedron Letters</i> , 2012, 53, 1358-1362.	0.7	8
124	A Short Route to [3- ¹⁵ N]- ³ -Azido- ³ -deoxythymidine (N ³ -Labeled AZT) via 3-Nitro-AZT. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2454-2455.	4.4	7
125	Cyclic sulfates as synthetic equivalents of \pm -epoxynucleosides. <i>Tetrahedron Letters</i> , 1999, 40, 9111-9113.	0.7	7
126	Synthesis of amphidinolide Y precursors. <i>Tetrahedron Letters</i> , 2014, 55, 900-902.	0.7	7

#	ARTICLE	IF	CITATIONS
127	NMR and Computational Studies on the Reactions of Enamines with Nitroalkenes That May Pass through Cyclobutanes. ACS Omega, 2019, 4, 18167-18194.	1.6	7
128	Comparing and taming the reactivity of HWE and Wittig reagents with cyclic hemiacetals. Tetrahedron Letters, 2011, 52, 5153-5156.	0.7	6
129	Oxazolidinone/enamine ratios in the reactions of β -silyloxy and β -alkoxy aldehydes with proline. Tetrahedron Letters, 2013, 54, 6381-6384.	0.7	6
130	Clarithromycin-adenine and related conjugates. Tetrahedron Letters, 2006, 47, 1919-1922.	0.7	5
131	Further insights into the organocatalytic reaction of 2,2-dimethyl-1,3-dioxan-5-one with β -silyloxy aldehydes. Tetrahedron Letters, 2016, 57, 5254-5258.	0.7	5
132	Theoretical investigation of the energy, structure, vibrational frequencies, and infrared intensities of low-lying electronic states of the symmetric azacyclopentadienylidenes. The Journal of Physical Chemistry, 1991, 95, 10623-10630.	2.9	4
133	ALKYLATION OF TRIMETHYLSILYLCYCLOPENTADIENIDE ANION WITH tert-BUTYL BROMOACETATE. A DESILYLATION REACTION ASSISTED BY A REMOTE STERIC REPULSION. Chemistry Letters, 1982, 11, 1189-1190.	0.7	3
134	Acyclic nucleoside analogues from thymine-substituted thymidines and related compounds. Tetrahedron, 1999, 55, 6635-6642.	1.0	3
135	Advantages of the Ns group in the reactions of N1-SO ₂ R inosines with benzylamine and with 15NH ₃ . Tetrahedron Letters, 2005, 46, 5127-5130.	0.7	3
136	Letters in Organic Chemistry Hydroiodination of Terminal Double Bonds Via Hydroboration or Hydrozirconation in Connection with the Total Synthesis of Fluvirucins. Letters in Organic Chemistry, 2006, 3, 183-186.	0.2	2
137	Eine kurze Synthese von [¹⁵ N]-Azido-desoxythymidin (N ³ -markiertes AZT) über 3-Nitro-AZT. Angewandte Chemie, 1994, 106, 2535-2537.	1.6	1
138	Synthesis of benzo-, pyrido-, thieno- and imidazo-fused N-hydroxy-4-oxopyrimidine-2-carboxylic acid derivatives. Tetrahedron Letters, 2011, 52, 753-756.	0.7	1
139	BMS Derivatives C7-Linked to β -Cyclodextrin and Hyperbranched Polyglycerol Retain Activity against R5-HIV-1 NLAD8 Isolates and Can Be Deemed Potential Microbicides. ChemMedChem, 2021, 16, 2217-2222.	1.6	1
140	Amino-Catalyzed Reactions of Aldehydes with Chiral Nitroalkenes. Organic Letters, 2021, 23, 651-655.	2.4	1
141	Highly Stereoselective Aldol Reactions of Titanium Enolates from Lactate-Derived Chiral Ketones.. ChemInform, 2003, 34, no.	0.1	0
142	Chemoselective Protection of Thiols versus Alcohols and Phenols. The Tosvinyl Group.. ChemInform, 2003, 34, no.	0.1	0
143	Conversion of Ketoximes to Ketones with Trimethylphosphine and 2,2'-Dipyridyl Diselenide.. ChemInform, 2004, 35, no.	0.1	0
144	Electrospray ionization mass spectra of the reactions of NaAuBr ₄ and related aurates with nucleophiles. Journal of Mass Spectrometry, 2014, 49, 331-334.	0.7	0

#	ARTICLE	IF	CITATIONS
145	Computational Study of the Stability of Pyrrolidine-Derived Iminium Ions: Exchange Equilibria between Iminium Ions and Carbonyl Compounds. ACS Omega, 0, , .	1.6	0