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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

2,955
citations

28
h-index

50
g-index

153
ext. papers

3,189
ext. citations

4
avg, IF

4.67
L-index

#	Paper	IF	Citations
110	New procedure for the direct generation of titanium enolates. Diastereoselective bond constructions with representative electrophiles. <i>Journal of the American Chemical Society</i> , 1990 , 112, 8215-8216	16.4	289
109	Stereoselective aldol reactions of chlorotitanium enolates. An efficient method for the assemblage of polypropionate-related synthons. <i>Journal of the American Chemical Society</i> , 1991 , 113, 1047-1049	16.4	272
108	Synthesis of six-membered oxygenated heterocycles through carbon-oxygen bond-forming reactions. <i>Tetrahedron</i> , 2008 , 64, 2683-2723	2.4	209
107	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	2.4	179
106	New synthetic tricks-Triphenylphosphine-mediated amide formation from carboxylic acids and azides. <i>Tetrahedron Letters</i> , 1984 , 25, 4841-4844	2	94
105	Asymmetric acetate aldol reactions in connection with an enantioselective total synthesis of macrolactin A. <i>Tetrahedron Letters</i> , 1996 , 37, 8949-8952	2	84
104	Catalytic Staudinger-Vilarrasa reaction for the direct ligation of carboxylic acids and azides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2203-6	4.2	60
103	Simple and Efficient Preparation of Ketones from Morpholine Amides. <i>Synlett</i> , 1997 , 12, 1414-1416	2.2	57
102	Evaluation of MNDO calculated proton affinities. <i>Journal of Computational Chemistry</i> , 1984 , 5, 230-236	3.5	56
101	Enantioselective addition of a chiral thiazolidinethione-derived titanium enolate to acetals. <i>Organic Letters</i> , 2001 , 3, 615-7	6.2	51
100	One-pot conversion of azides to Boc-protected amines with trimethylphosphine and Boc-ON. <i>Tetrahedron Letters</i> , 1998 , 39, 9101-9102	2	49
99	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	2	47
98	Alternative procedures for the macrolactamisation of Azido Acids. <i>Tetrahedron Letters</i> , 1993 , 34, 4671-4674	4.5	45
97	A practical procedure for the preparation of carbamates from azides. <i>Tetrahedron Letters</i> , 1999 , 40, 7515-7517	4.3	43
96	Unconventional biradical character of titanium enolates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3242-3	16.4	42
95	Stereocontrolled total synthesis of amphidinolide X via a silicon-tethered metathesis reaction. <i>Organic Letters</i> , 2008 , 10, 5191-4	6.2	41
94	On the influence of chiral auxiliaries in the stereoselective cross-coupling reactions of titanium enolates and acetals. <i>Tetrahedron</i> , 2008 , 64, 5637-5644	2.4	38

93	Highly stereoselective aldol reactions of titanium enolates from lactate-derived chiral ketones. <i>Organic Letters</i> , 2003 , 5, 519-22	6.2	38
92	New synthetic tricks—Advantages of using triethylphosphine in some phosphorus-based reactions. <i>Tetrahedron Letters</i> , 1986 , 27, 4623-4624	2	38
91	β -Amino acids by nucleophilic ring-opening of N-nosyl aziridines. <i>Tetrahedron</i> , 2001 , 57, 7665-7674	2.4	36
90	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	2	36
89	Toward a total synthesis of amphidinolide X and Y. The tetrahydrofuran-containing fragment C12-C21. <i>Organic Letters</i> , 2007 , 9, 989-92	6.2	35
88	Total synthesis of (+)-herboxidiene from two chiral lactate-derived ketones. <i>Organic Letters</i> , 2011 , 13, 5350-3	6.2	34
87	Reduction of azides to amines mediated by tin bis(1,2-benzenedithiolate). <i>Organic Letters</i> , 2000 , 2, 397-398	6.2	34
86	Highly stereoselective aldol reaction based on titanium enolates from (S)-1-benzyloxy-2-methyl-3-pentanone. <i>Journal of Organic Chemistry</i> , 2005 , 70, 6533-6	4.2	32
85	Reaction of N-nitroso- and N-nitro-N-alkylamides with amines. <i>Journal of Organic Chemistry</i> , 1984 , 49, 3322-3327	4.2	31
84	On the Reaction of Acyl Chlorides and Carboxylic Anhydrides with Phosphazenes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 5638-5643	4.2	30
83	Unprecedented highly stereoselective α - and β -C-glycosidation with chiral titanium enolates. <i>Organic Letters</i> , 2002 , 4, 4651-4	6.2	29
82	Highly stereoselective aldol reactions of titanium enolates from ethyl β -benzyloxyalkyl ketones. <i>Tetrahedron Letters</i> , 1997 , 38, 1637-1640	2	28
81	Stereoselective synthesis of the western hemisphere of salinomycin. <i>Organic Letters</i> , 2006 , 8, 527-30	6.2	27
80	Pseudoaxially Disubstituted Cyclo- β -tetrapeptide Scaffolds. <i>Tetrahedron</i> , 2000 , 56, 7947-7958	2.4	27
79	Simple and Efficient Preparation of Enantiopure Alkyl β -Hydroxyalkyl Ketones. <i>Synthesis</i> , 2000 , 2000, 1608-1614	2.9	25
78	Enantiopure β -methoxy carboxyl derivatives from a chiral titanium enolate and dimethyl acetals. <i>Tetrahedron Letters</i> , 2001 , 42, 4629-4631	2	24
77	Oxidized and reduced poly(2,5-di-(2-thienyl)-pyrrole): solubilities, electrodisolution and molar mass. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 392, 55-61	4.1	23
76	Stereoselective synthesis of highly functionalized structures from lactate-derived halo ketones. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7518-21	4.2	22

75	Stereoselective titanium-mediated aldol reactions of (S)-2-tert-butyltrimethylsilyloxy-3-pentanone. <i>Tetrahedron</i> , 2006 , 62, 11090-11099	2.4	22
74	Studies on the hydrogenolysis of benzyl ethers. <i>Tetrahedron Letters</i> , 2006 , 47, 5815-5818	2	22
73	N-nitrosation and N-nitration of lactams. From macrolactams to macrolactones. <i>Tetrahedron</i> , 1989 , 45, 863-868	2.4	22
72	Efficient approach to fluvirucins B2-B5, Sch 38518, and Sch 39185. First synthesis of their aglycon, via CM and RCM reactions. <i>Organic Letters</i> , 2009 , 11, 3198-201	6.2	21
71	Stereoselective aminoxylation of biradical titanium enolates with TEMPO. <i>Chemistry - A European Journal</i> , 2014 , 20, 10153-9	4.8	20
70	Stereoselective titanium-mediated syn-aldol reaction from a lactate-derived chiral ethyl ketone. <i>Tetrahedron Letters</i> , 2004 , 45, 5379-5382	2	20
69	From azido acids to macrolactams and macrolactones. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 270		20
68	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, 1578-81	4.2	19
67	Synthesis of the C9021 fragment of debromoaplysiatoxin and oscillatoxins A and D. <i>Tetrahedron Letters</i> , 2006 , 47, 5819-5823	2	19
66	Enolization of chiral alpha-silyloxy ketones with dicyclohexylchloroborane. Application to stereoselective aldol reactions. <i>Organic Letters</i> , 2000 , 2, 2599-602	6.2	19
65	Highly stereoselective TiCl ₄ -mediated aldol reactions from (S)-2-benzyloxy-3-pentanone. <i>Journal of Organic Chemistry</i> , 2007 , 72, 6631-3	4.2	18
64	1,4-Asymmetric induction in the titanium-mediated aldol reactions of alpha-benzyloxy methyl ketones. <i>Tetrahedron Letters</i> , 2008 , 49, 5265-5267	2	18
63	Epimerisation-free peptide formation from carboxylic acid anhydrides and azido derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 91-92		18
62	Highly stereoselective titanium-mediated aldol reactions from chiral alpha-silyloxy ketones. A reliable tool for the synthesis of natural products. <i>Tetrahedron</i> , 2011 , 67, 6045-6056	2.4	17
61	New approach to the stereoselective synthesis of tertiary methyl ethers. <i>Organic Letters</i> , 2009 , 11, 2193-62	6.2	17
60	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	16.4	17
59	Nitrosation of hindered amides. <i>Journal of Organic Chemistry</i> , 1989 , 54, 3209-3211	4.2	17
58	New synthetic tricks - Direct conversion of nitro compounds to nitriles. <i>Tetrahedron Letters</i> , 1990 , 31, 7497-7498	2	17

57	Highly stereoselective titanium-mediated aldol reaction from (S)-4-benzyloxy-3-methyl-2-butanone. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8575-87	4.2	16
56	A simple procedure for the preparation of enantiopure ethyl hydroxyalkyl ketones. <i>Tetrahedron Letters</i> , 1997 , 38, 1633-1636	2	16
55	Conversion of ketoximes to ketones with trimethylphosphine and 2,2'-dipyridyl diselenide. <i>Tetrahedron Letters</i> , 2004 , 45, 5559-5561	2	15
54	Studies directed toward the construction of the polypropionate fragment of superstolide A. <i>Organic Letters</i> , 2003 , 5, 4681-4	6.2	15
53	Studies on the intramolecular C-H...X (X = O, S) interactions in (S)-N-acyl-4-isopropyl-1,3-thiazolidine-2-thiones and related 1,3-oxazolidin-2-ones. <i>Organic Letters</i> , 2003 , 5, 2809-12	6.2	14
52	Mechanism of action of the cytotoxic macrolides amphidinolide X and J. <i>ChemBioChem</i> , 2011 , 12, 1027-30	8	13
51	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	2	13
50	Stereoselective Alkylation of (S)-N-Acyl-4-isopropyl-1,3-thiazolidine-2-thiones Catalyzed by (Me ₃ P) ₂ NiCl ₂ . <i>Organic Letters</i> , 2015 , 17, 3540-3	6.2	12
49	Improving enantioselectivity towards tertiary alcohols using mutants of Bacillus sp. BP-7 esterase EstBP7 holding a rare GGG(X)-oxyanion hole. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 4479-90	5.7	12
48	1,4-syn-Asymmetric induction in the titanium-mediated aldol reactions of chiral methyl benzyloxy ketones. <i>Tetrahedron Letters</i> , 2010 , 51, 942-945	2	12
47	Design and synthesis of a novel cyclo-tetrapeptide. <i>Tetrahedron Letters</i> , 1999 , 40, 2629-2632	2	12
46	Reaction of chiral titanium Z-enolates with chiral benzyloxy aldehydes. Syntheses of NFX-2 and Antimycinone. <i>Tetrahedron Letters</i> , 1999 , 40, 5083-5086	2	12
45	Diastereoselective Methyl Orthoformate Alkylations of Chiral N-Acylthiazolidinethiones Catalyzed by Nickel(II) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2781-2786	5.6	11
44	Highly Stereoselective Synthesis of syn-1,3-Diols through a Sequential Titanium-Mediated Aldol Reaction and LiBH ₄ Reduction. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 3146-3151	3.2	11
43	From (E)- and (Z)-ketoximes to N-sulfenylimines, ketimines or ketones at will. Application to erythromycin derivatives. <i>Tetrahedron Letters</i> , 2004 , 45, 5563-5567	2	11
42	Stereoselective Acetate Aldol Reactions 2013 , 1-81		10
41	Stereoselective synthesis of C-glycosides by addition of titanium enolates from a chiral N-glycolyl thiazolidinethione to glycals. <i>Tetrahedron Letters</i> , 2013 , 54, 1467-1470	2	10
40	Diastereoselective additions of titanium enolates from N-glycolyl thiazolidinethiones to acetals. <i>Journal of Organic Chemistry</i> , 2012 , 77, 8809-14	4.2	10

39	Stereoselective and Catalytic Synthesis of anti-alkoxy-azido Carboxylic Derivatives. <i>Organic Letters</i> , 2017 , 19, 6400-6403	6.2	9
38	Stereoselective titanium-mediated aldol reactions of a chiral isopropyl ketone. <i>Chemical Communications</i> , 2013 , 49, 4507-9	5.8	9
37	Reaction of achiral titanium Z-enolates with chiral silyloxy aldehydes. <i>Tetrahedron Letters</i> , 1999 , 40, 5079-5082	2	9
36	Substrate-controlled Michael additions of chiral ketones to enones. <i>Organic Letters</i> , 2014 , 16, 6220-3	6.2	8
35	An unexpected reaction in the lactamisation of 13-azido-13-deoxy-(9S)-9-dihydroerythronolide a seco-acid derivatives. <i>Tetrahedron Letters</i> , 1992 , 33, 3669-3672	2	8
34	Kinetic resolution of esters from secondary and tertiary benzylic propargylic alcohols by an improved esterase-variant from <i>Bacillus</i> sp. BP-7. <i>Catalysis Today</i> , 2015 , 255, 16-20	5.3	7
33	Stereoselective Synthesis of the C9-C19 Fragment of Peloruside A. <i>Organic Letters</i> , 2016 , 18, 3018-21	6.2	7
32	Stereoselective titanium-mediated aldol reactions of a chiral lactate-derived ethyl ketone with ketones. <i>Organic Letters</i> , 2014 , 16, 584-7	6.2	7
31	Experimental and Computational Evidence of the Biradical Structure and Reactivity of Titanium(IV) Enolates. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8909-8916	4.2	7
30	Stereoselective synthesis of protected 3-amino-3,6-dideoxyaminosugars. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 6395-403	3.9	7
29	Synthesis and Biological Evaluation of 1-Deoxy-5-hydroxysphingosine Derivatives. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 960-967	3.2	7
28	Stereoselective synthesis of syn,syn-2-methyl-1,3-diols through one-pot aldol-reduction sequence. <i>Tetrahedron Letters</i> , 2002 , 43, 6145-6148	2	7
27	Direct and Asymmetric Nickel(II)-Catalyzed Construction of Carbon-Carbon Bonds from N-Acyl Thiazinanethiones. <i>Organic Letters</i> , 2019 , 21, 305-309	6.2	7
26	Diastereoselective and Catalytic Alkylation of Chiral N-Acyl Thiazolidinethiones with Stable Carbocationic Salts. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6426-6433	4.2	6
25	Synthesis of amphidinolide Y precursors. <i>Tetrahedron Letters</i> , 2014 , 55, 900-902	2	6
24	Substrate-Controlled Aldol Reactions from Chiral Hydroxy Ketones. <i>Synthesis</i> , 2017 , 49, 484-503	2.9	6
23	Stereoselective titanium-mediated aldol reactions of benzyloxy methyl ketones. <i>Tetrahedron</i> , 2012 , 68, 10338-10350	2.4	6
22	Syntheses of the C-1 alkyl side chains of Zaragozaic acids A and C. <i>Tetrahedron Letters</i> , 1998 , 39, 6765-6768		6

21	Total synthesis of (+)-herboxidiene/GEX 1A. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1842-1862	3.9	5
20	Preparation of (S)-4-Isopropyl-N-Propanoyl-1,3-Thiazolidine-2-Thione 2009 , 70-80		5
19	Stereoselective acetate aldol reactions of β -silyloxy ketones. <i>Tetrahedron</i> , 2015 , 71, 1023-1035	2.4	4
18	Stereoselective Acetate Aldol Reactions from Metal Enolates. <i>Synthesis</i> , 2011 , 2011, 2175-2191	2.9	4
17	Stereoselective Addition of Titanium Enolates to Functionalized Acetals: A Novel Approach to the β -Amino Acid of Bistramides and FR252921. <i>Synlett</i> , 2008 , 2008, 2951-2954	2.2	4
16	Stereoselective Decarboxylative Alkylation of Titanium(IV) Enolates with Diacyl Peroxides. <i>Organic Letters</i> , 2020 , 22, 199-203	6.2	4
15	Direct and Enantioselective Aldol Reactions Catalyzed by Chiral Nickel(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15307-15312	16.4	4
14	Studies towards the synthesis of tedanolide C. Construction of the C13-epi C1-C15 fragment. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 5219-23	3.9	4
13	Stereoselective Synthesis of Protected Peptides Containing an anti β -Hydroxy Tyrosine. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 2745-2752	3.2	3
12	Substrate-Controlled Michael Additions of Titanium Enolates from Chiral β -Benzyloxy Ketones to Conjugated Nitroalkenes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5776-5784	3.2	3
11	Stereoselective Synthesis of β and γ -Glycosides by Addition of Titanium Enolates to Glycals. <i>Synlett</i> , 2009 , 2009, 2982-2986	2.2	2
10	A Stereoselective Aldol-Reduction Approach to Polyoxygenated Natural Products. Synthesis of C1-C6 Fragment of Erythronolides. <i>Letters in Organic Chemistry</i> , 2005 , 2, 312-315	0.6	2
9	Stereoselective Oxidation of Titanium(IV) Enolates with Oxygen. <i>Synthesis</i> , 2018 , 50, 2721-2726	2.9	2
8	Stereoselective Synthesis of anti β -Methyl- β -Methoxy Carboxylic Compounds 2009 , 81-91		2
7	Direct anti Glycolate Aldol Reaction of Protected Chiral N-Hydroxyacetyl Thiazolidinethiones with Acetals Catalyzed by a Nickel(II) Complex. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6296-6305 ^{3.2}		1
6	Effiziente enantioselektive Synthese des Makrolactam-Aglycons von Sch 38516 aus zwei Einheiten (2R)-2-Ethyl-4-penten-1-ol. <i>Angewandte Chemie</i> , 1999 , 111, 3274-3277	3.6	1
5	Direct and Enantioselective Aldol Reactions Catalyzed by Chiral Nickel(II) Complexes. <i>Angewandte Chemie</i> , 2021 , 133, 15435-15440	3.6	1
4	Direct, Enantioselective, and Nickel(II) Catalyzed Reactions of N-Azidoacetyl Thioimides with Trimethyl Orthoformate: A New Combined Methodology for the Rapid Synthesis of Lacosamide and Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 11540-11548	4.8	0

- 3 Stereoselective Alkylation of Chiral Titanium(IV) Enolates with *n*-Butyl Peresters. *Organic Letters*, **2021**, 23, 8852-8856 6.2 o
- 2 General and stereoselective aminoxylation of biradical titanium(iv) enolates with TEMPO: a detailed study on the effect of the chiral auxiliary. *Organic and Biomolecular Chemistry*, **2018**, 16, 4807-4815 3.9
- 1 Discussion Addendum for: Stereoselective Synthesis of anti α -Methyl- β -Methoxy Carboxylic Compounds **2014**, 182-189