

Jose L Vicario

List of Publications by Year in descending order

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120
papers

4,100
citations

109321

35
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133252

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177
all docs

177
docs citations

177
times ranked

2974
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalytic Enantioselective Michael and Hetero-Michael Reactions. <i>Synthesis</i> , 2007, 2007, 2065-2092.	2.3	605
2	Organocatalytic Enantioselective [3+2] Cycloaddition of Azomethine Ylides and $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5168-5170.	13.8	228
3	Cooperative Dienamine/Hydrogenâ€Bonding Catalysis: Enantioselective Formal [2+2] Cycloaddition of Enals with Nitroalkenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4104-4107.	13.8	158
4	THE ASYMMETRIC AZA-MICHAEL REACTION. A REVIEW. <i>Organic Preparations and Procedures International</i> , 2005, 37, 513-538.	1.3	100
5	Enantioselective Organocatalytic Domino Oxaâ€Michael/Aldol/Hemiacetalization: Synthesis of Polysubstituted Furofuranes Containing Four Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5701-5704.	13.8	96
6	Catalytic Enantioselective Clokeâ€Wilson Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8225-8229.	13.8	86
7	Organocatalytic Asymmetric Michael Addition of Aldehydes to $\hat{1}^2$ -Nitroacroleine Dimethyl Acetal. <i>Organic Letters</i> , 2006, 8, 6135-6138.	4.6	84
8	α-Amino Acids, β-Amino Alcohols and Related Compounds as Chiral Auxiliaries, Ligands and Catalysts in the Asymmetric Aldol Reaction. <i>Current Organic Chemistry</i> , 2005, 9, 219-235.	1.6	80
9	Novel tridentate diamino organomanganese(II) complexes as homogeneous catalysts in manganese(II)/copper(I) catalyzed carbonâ€carbon bond forming reactions. <i>Journal of Organometallic Chemistry</i> , 1998, 558, 61-69.	1.8	70
10	Organocatalytic enantioselective aza-Michael reaction of nitrogen heterocycles and $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes. <i>Chemical Communications</i> , 2007, , 2509-2511.	4.1	66
11	Catalytic Enantioselective [5+2] Cycloaddition between Oxidopyrylium Ylides and Enals under Dienamine Activation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3043-3046.	13.8	65
12	Asymmetric Total Synthesis of (\hat{a}^*)-Callystatin A and (\hat{a}^*)-20-epi-Callystatin A Employing Chemical and Biological Methods. <i>Chemistry - A European Journal</i> , 2002, 8, 4272-4284.	3.3	60
13	Transannular reactions in asymmetric total synthesis. <i>Tetrahedron</i> , 2014, 70, 9461-9484.	1.9	60
14	Organocatalytically Generated Donorâ€Acceptor Cyclopropanes in Domino Reactions. One-Step Enantioselective Synthesis of Pyrrolo[1,2- <i>a</i>]quinolines. <i>Organic Letters</i> , 2016, 18, 1270-1273.	4.6	60
15	Aziridine Ring-Opening Reactions with Chiral Enolates. Stereocontrolled Synthesis of 5-Substituted-3-methyl-pyrrolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2001, 66, 5801-5807.	3.2	59
16	Enantioselective Conjugate Addition of Donorâ€Acceptor Hydrazones to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes through Formal Diazaâ€Ene Reaction: Access to 1,4-Dicarbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 11872-11875.	13.7	59
17	Organocatalytic enantioselective (3+2) cycloaddition using stable azomethine ylides. <i>Chemical Communications</i> , 2011, 47, 12313.	4.1	58
18	An Amineâ€Catalyzed Enantioselective [3+2] Cycloaddition of Azomethine Ylides and $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes: Applications and Mechanistic Implications. <i>Chemistry - A European Journal</i> , 2012, 18, 7179-7188.	3.3	58

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19	Organocatalytic Enantioselective Synthesis of Pyrazolidines, Pyrazolines and Pyrazolidinones. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 371-376.	4.3	58
20	Enantioselective Oxidative (4+3) Cycloadditions between Allenamides and Furans through Bifunctional Hydrogen Bonding/Ion Pairing Interactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10535-10538.	13.8	54
21	Asymmetric Total Synthesis of (âˆ“) -Callystatin A Employing the SAMP/RAMP Hydrazone Alkylation Methodology. <i>Organic Letters</i> , 2002, 4, 1023-1026.	4.6	52
22	Asymmetric Aldol Reactions Using (S,S)-(+)-Pseudoephedrine-Based Amides:â€‰ Stereoselective Synthesis of $\hat{1}\pm$ -Methyl- $\hat{1}^2$ -hydroxy Acids, Esters, Ketones, and 1,3-Syn and 1,3-Anti Diols. <i>Journal of Organic Chemistry</i> , 2000, 65, 3754-3760.	3.2	51
23	Enantio- and Diastereoselective Synthesis of Substituted Tetrahydro-1 <i>H</i> -isochromanes through a Dynamic Kinetic Resolution Proceeding under Dienamine Catalysis. <i>Organic Letters</i> , 2012, 14, 3740-3743.	4.6	50
24	Bifunctional Squaramide Catalysts with the Same Absolute Chirality for the Diastereodivergent Access to Densely Functionalised Cyclohexanes through Enantioselective Domino Reactions. Synthesis and Mechanistic Studies. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3627-3648.	4.3	47
25	(S,S)-(+)-Pseudoephedrine as Chiral Auxiliary in Asymmetric Conjugate Addition and Tandem Conjugate Addition/ $\hat{1}\pm$ -Alkylation Reactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 7763-7772.	3.2	46
26	Organocatalytic Enantioselective Synthesis of Highly Functionalized Polysubstituted Pyrrolidines. <i>Chemistry - A European Journal</i> , 2008, 14, 9357-9367.	3.3	45
27	Asymmetric Synthesis of $\hat{1}^2$ -Substituted $\hat{1}\pm$ -Methyl- $\hat{1}^2$ -amino Esters by Mannich Reaction of (S,S)-(+)-Pseudoephedrine Acetamide Derived Enolate with Imines. <i>Organic Letters</i> , 2001, 3, 773-776.	4.6	43
28	A New General Method for the Asymmetric Synthesis of 4-Alkyl-3-aryl-1,2,3,4-tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 1999, 64, 4610-4616.	3.2	42
29	Enantioselective Cascade Reactions under N-Heterocyclic Carbene Catalysis. <i>Synthesis</i> , 2017, 49, 451-471.	2.3	42
30	Formation of mixed arylâ€“, alkylâ€“lithium aggregates in the heteroatom assisted lithiation of $\hat{1}\pm$, $\hat{1}\pm$ -dialkyl substituted 1,3-bis[(dimethylamino)methyl]benzene. These results were presented in part at the Symposium 'Frontiers in Organometallic Chemistry' at the Spring 1997 American Chemical Society meeting in San Francisco. 1. Dedicated to Prof. Ken Wade on the occasion of his 65th birthday, thanking him for his 'rules', discussions and long friendship. 2. <i>Journal of Organometallic Chemistry</i> , 1998, 550, 463-467.	1.8	40
31	The organocatalytic [3+2] cycloaddition of azomethine ylides and $\hat{1}\pm$, $\hat{1}^2$ -unsaturated aldehydes as a convenient tool for the enantioselective synthesis of pyrrolizidines and indolizidines. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2238.	2.8	40
32	Catalytic Generation of Donorâ€“Acceptor Cyclopropanes under N-Heterocyclic Carbene Activation and their Stereoselective Reaction with Alkylideneoxindoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1678-1683.	4.3	40
33	A Simple and Efficient Synthetic Route to Chiral Isopavines. Synthesis of (âˆ“) -O-Methylthalisopavine and (âˆ“) -Amurensinine. <i>Journal of Organic Chemistry</i> , 1997, 62, 6716-6721.	3.2	39
34	Stereocontrolled Mannich Reaction with Enolizable Imines Using (S,S)-(+)-Pseudoephedrine as Chiral Auxiliary. Asymmetric Synthesis of $\hat{1}\pm$, $\hat{1}^2$ -Disubstituted $\hat{1}^2$ -Aminoesters and $\hat{1}^2$ -Lactams. <i>Journal of Organic Chemistry</i> , 2001, 66, 9030-9032.	3.2	39
35	Chiral Amino Alcohols As Intermediates in the Stereocontrolled Synthesis of 1,3-Disubstituted Tetrahydroisoquinolines and Protoberberines. <i>Journal of Organic Chemistry</i> , 1999, 64, 1115-1120.	3.2	36
36	Catalytic Enantioselective Clokeâ€“Wilson Rearrangement. <i>Angewandte Chemie</i> , 2018, 130, 8357-8361.	2.0	36

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37	Asymmetric Synthesis of Î²-Amino Esters by Aza-Michael Reaction of Î±,Î²-Unsaturated Amides Using (S,S)-(+)-Pseudoephedrine as Chiral Auxiliary. <i>Journal of Organic Chemistry</i> , 2004, 69, 2588-2590.	3.2	35
38	Organocatalytic Enantioselective aza-Michael Reactions. <i>Current Organic Chemistry</i> , 2012, 16, 521-546.	1.6	35
39	Ethyl Glyoxylate <i>N</i> -Tosylhydrazone as Sulfonyl-Transfer Reagent in Base-Catalyzed Sulfa-Michael Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 441-445.	3.2	35
40	Organocatalytic enantioselective synthesis of 2,3-dihydropyridazines. <i>Chemical Communications</i> , 2012, 48, 2092.	4.1	34
41	(S,S)-(+)-Pseudoephedrine as Chiral Auxiliary in Asymmetric Aza-Michael Reactions. Unexpected Selectivity Change when Manipulating the Structure of the Auxiliary. <i>Journal of Organic Chemistry</i> , 2005, 70, 8790-8800.	3.2	33
42	Tandem Asymmetric Conjugate Addition/Î±-Alkylation Using (S,S)-(+)-Pseudoephedrine as Chiral Auxiliary. <i>Organic Letters</i> , 2006, 8, 2535-2538.	4.6	32
43	Catalytic Stereoselective Borylative Transannular Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2100-2104.	13.8	32
44	Catalytic Enantioselective Transannular Morita-Baylis-Hillman Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 9495-9499.	13.7	30
45	Favoring Trienamine Activation through Unconjugated Dienals: Organocatalytic Enantioselective Remote Functionalization of Alkenes. <i>Chemistry - A European Journal</i> , 2014, 20, 2145-2148.	3.3	28
46	Î±-Amino Acids and Derivatives in the Asymmetric Synthesis of Tetrahydroisoquinoline Alkaloids. <i>Current Organic Chemistry</i> , 2003, 7, 1775-1792.	1.6	28
47	An easy and straightforward approach to the asymmetric synthesis of isoflavanones. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 489-495.	1.8	27
48	5-Mercaptotetrazoles as Synthetic Equivalents of Nitrogen-Containing Functional Groups. The Case of the Organocatalytic Enantioselective aza-Michael Reaction. <i>Organic Letters</i> , 2011, 13, 336-339.	4.6	27
49	Complete 2,5-Diastereocontrol in the Organocatalytic Enantioselective [3+2] Cycloaddition of Enals with Azomethine Ylides Derived from Î±-Aminocynoacetates: Asymmetric Synthesis of Pyrrolidines with Four Stereocentres. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3307-3312.	4.3	27
50	Enantioselective Synthesis of Tertiary Propargylic Alcohols under Heterocyclic Carbene Catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 8384-8388.	3.3	27
51	Double Stereodifferentiation in the Acetate-Type Aldol Reaction with Garner's Aldehyde. Stereocontrolled Synthesis of Polyhydroxylated Î³-Amino Carbonyl Compounds. <i>Organic Letters</i> , 2004, 6, 3171-3174.	4.6	26
52	Stereocontrolled synthesis of 2-aryl tetralones. Application in the synthesis of B/C hexahydrobenzo[c]phenanthridine alkaloids. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1227-1237.	1.8	23
53	Highly Regio- and Stereoselective Addition of Organolithium Reagents to Extended Conjugate Amides Using (S,S)-(+)-Pseudoephedrine as Chiral Auxiliary. <i>Journal of Organic Chemistry</i> , 2009, 74, 4404-4407.	3.2	22
54	Aminocatalytic Enantioselective Cycloadditions. <i>Synlett</i> , 2016, 27, 1006-1021.	1.8	22

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55	Catalytic Enantioselective [5+2] Cycloaddition between Oxidopyrylium Ylides and Enals under Dienamine Activation. <i>Angewandte Chemie</i> , 2015, 127, 3086-3089.	2.0	20
56	The first stereocontrolled synthesis of isoflavanones. <i>Tetrahedron Letters</i> , 2000, 41, 8297-8300.	1.4	19
57	Mechanistic Insights into the Mode of Action of Bifunctional Pyrrolidine-Squaramide-Derived Organocatalysts. <i>Chemistry - A European Journal</i> , 2016, 22, 884-889.	3.3	19
58	Carboxylates as Nucleophiles in the Enantioselective Ring-Opening of Formylcyclopropanes under Iminium Ion Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 8764-8768.	3.3	19
59	β -Substituted Allenic Amides in the Phosphine-Catalyzed Enantioselective Higher Order Cycloaddition with Azaheptafulvenes. <i>Organic Letters</i> , 2020, 22, 4721-4725.	4.6	19
60	Synthesis of arylplatinum(II) complexes with chiral monoanionic aryldiamine ligands.. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 1-7.	1.8	18
61	Optimizing the Structure of 4-Dialkylamino- β -diarylprolinol Ethers as Catalysts for the Enantioselective Cyclopropanation of β -Unsaturated Aldehydes in Water. <i>ChemCatChem</i> , 2013, 5, 2240-2247.	3.7	18
62	Base-Promoted C α 'N Acyl Rearrangement: An Unconventional Approach to β -Amino Acid Derivatives. <i>Chemistry - A European Journal</i> , 2014, 20, 11650-11654.	3.3	18
63	Ion-pairing catalysis in the enantioselective addition of hydrazones to <i>N</i> -acyldihydropyrrole derivatives. <i>Chemical Communications</i> , 2018, 54, 8905-8908.	4.1	18
64	Transition-Metal-Free Stereoselective Borylation of Allenamides. <i>Chemistry - A European Journal</i> , 2018, 24, 14059-14063.	3.3	18
65	Using Conveniently Designed β -Amino Ketones in Michael Reactions under Iminium Catalysis: Enantioselective Synthesis of β -Lactams and β -Amino- γ -keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 653-658.	3.3	17
66	Racemic hemiacetals as oxygen-centered pronucleophiles triggering cascade 1,4-addition/Michael reaction through dynamic kinetic resolution under iminium catalysis. Development and mechanistic insights. <i>Chemical Science</i> , 2017, 8, 2904-2913.	7.4	17
67	Regioselectivity Change in the Organocatalytic Enantioselective (3+2) Cycloaddition with Nitrones through Cooperative Hydrogen-Bonding Catalysis/Iminium Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 2764-2768.	3.3	17
68	Brønsted Acid Catalyzed (4 + 2) Cyclocondensation of 3-Substituted Indoles with Donor-Acceptor Cyclopropanes. <i>Organic Letters</i> , 2021, 23, 2326-2331.	4.6	17
69	Asymmetric synthesis of arylglycine amino acids using (S,S)-(+)-pseudoephedrine derived amides. <i>Tetrahedron Letters</i> , 1999, 40, 7123-7126.	1.4	16
70	The first stereocontrolled synthesis of 12-methyl-hexahydrobenzo[c]phenanthridine alkaloids. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1947-1959.	1.8	16
71	(S,S)-(+)-Pseudoephedrine as chiral auxiliary in asymmetric acetate aldol reactions. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2026.	2.8	16
72	A general and enantiodivergent method for the asymmetric synthesis of piperidine alkaloids: concise synthesis of (R)-pipercoline, (S)-coniine and other 2-alkylpiperidines. <i>Tetrahedron</i> , 2007, 63, 11421-11428.	1.9	16

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73	Novel organomanganese(II) complexes active as homogeneous catalysts in manganese(II)/copper(I) catalyzed carbon-carbon bond formation reactions. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1996, 115, 547-548.	0.0	16
74	Asymmetric synthesis of 1,2-diaryl-2-amino ethanols. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 745-751.	1.8	15
75	Enantioselective β -Electrocyclizations: Pushing the Limits in Organocatalytic Pericyclic Reactions. <i>ChemCatChem</i> , 2010, 2, 375-378.	3.7	15
76	Using Heteroaryl-lithium Reagents as Hydroxycarbonyl Anion Equivalents in Conjugate Addition Reactions with (S,S)-(+)-Pseudoephedrine as Chiral Auxiliary; Enantioselective Synthesis of 3-Substituted Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2013, 78, 614-627.	3.2	15
77	A Case Study of Thiourea-Assisted Iminium Formation by Hydroxyl Anion Binding: Kinetic, Spectroscopic and Computational Evidences. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4122-4128.	4.3	15
78	Enantioselective Synthesis of Tropanes: Brønsted Acid Catalyzed Pseudotransannular Desymmetrization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6780-6784.	13.8	15
79	Role of Pseudoephedrine as Chiral Auxiliary in the α -Acetate-Type Aldol Reaction with Chiral Aldehydes; Asymmetric Synthesis of Highly Functionalized Chiral Building Blocks. <i>Journal of Organic Chemistry</i> , 2011, 76, 460-470.	3.2	14
80	Catalytic enantioselective domino Michael/transannular aldol reaction under bifunctional catalysis. <i>Chemical Communications</i> , 2020, 56, 13149-13152.	4.1	14
81	Enantioselective Oxidative (4+3) Cycloadditions between Allenamides and Furans through Bifunctional Hydrogen Bonding/Ion Pairing Interactions. <i>Angewandte Chemie</i> , 2017, 129, 10671-10674.	2.0	13
82	A general procedure for the asymmetric synthesis of 3-aryl-1,2,3,4-tetrahydroisoquinolines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 347-353.	1.8	11
83	Organocatalytic Transannular Approach to Stereodefined Bicyclo[3.1.0]hexanes. <i>Journal of Organic Chemistry</i> , 2018, 83, 4180-4189.	3.2	11
84	Absence of Intermediates in the BINOL-Derived Mg(II)/Phosphate-Catalyzed Desymmetrization of 1-Vinylcyclobutanols. <i>Journal of Organic Chemistry</i> , 2022, 87, 693-707.	3.2	11
85	Asymmetric aldol reactions with (+)-(S,S)-pseudoephedrine. Stereoselective synthesis of β -methyl β -hydroxy esters. <i>Tetrahedron Letters</i> , 1998, 39, 9267-9270.	1.4	10
86	A Simple Synthesis of Polysubstituted Pyrrolidines by an Organocatalytic Three-Component Approach Featuring a One-Pot Condensation and [3+2]-Cycloaddition Reaction in Aqueous Medium. <i>Synthesis</i> , 2013, 45, 2669-2678.	2.3	10
87	Transannular Enantioselective (3 + 2) Cycloaddition of Cycloalkenone Hydrazones under Brønsted Acid Catalysis. <i>Organic Letters</i> , 2021, 23, 8738-8743.	4.6	10
88	Stereochemical studies on the synthesis of 1,2,3,4-tetrahydroisoquinolin-4-ols. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1809-1816.	1.8	9
89	(S,S)-(+)-Pseudoephedrine β -Iminoglyoxylamide as a Chiral Glycine Cation Equivalent: A Modular and Flexible Approach to Enantioenriched β -Amino Ketones. <i>Organic Letters</i> , 2008, 10, 2613-2616.	4.6	9
90	On Water™ Iminium/Enamine Catalysis: Organocatalytic Enantioselective Cyclopropanation of β -Unsaturated Aldehydes. <i>Synthesis</i> , 2010, 2010, 701-713.	2.3	9

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91	Organocatalytic Enantioselective Formal Conjugate Addition of a Hydroxymoyl Anion to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2011, 17, 6048-6051.	3.3	9
92	Kinetic Resolution of Secondary Allyl Boronates and Their Application in the Synthesis of Homoallylic Amines. <i>Chemistry - A European Journal</i> , 2018, 24, 16262-16265.	3.3	9
93	The organocatalytic enantioselective [3+2] cycloaddition reaction of $\hat{1}\pm, \hat{1}^2$ -unsaturated aldehydes with azomethine ylides applied to the asymmetric synthesis of densely substituted pyrroloisoquinolines. <i>Tetrahedron</i> , 2013, 69, 8878-8884.	1.9	8
94	Recent Developments in Transannular Reactions. <i>Synthesis</i> , 2022, 54, 4167-4183.	2.3	8
95	Catalytic Stereoselective Borylative Transannular Reactions. <i>Angewandte Chemie</i> , 2020, 132, 2116-2120.	2.0	7
96	4-Alkenyl-5H-1,2,3-oxathiazole 2,2-dioxides in catalytic and enantioselective [4 + 2] cycloaddition through iminium activation. Straightforward access to the trans-decaline framework and to densely functionalized cyclohexanes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 206-210.	4.5	6
97	Stereocontrolled metalloenamine alkylations: application to the asymmetric synthesis of 4-alkyl-1,2,3,4-tetrahydroisoquinolines. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 3779-3788.	1.8	5
98	Stereoselective Synthesis of Aporphine Alkaloids Using a Hypervalent Iodine(III) Reagent-Promoted Oxidative Nonphenolic Biaryl Coupling Reaction: Total Synthesis of (S)-(+)-Glucine. <i>Synthesis</i> , 2004, 2004, 1093-1101.	2.3	5
99	A Direct and Efficient Stereoconservative Procedure for the Selective Oxidation of N-Protected $\hat{1}^2$ -Amino Alcohols. <i>Synlett</i> , 2005, 2005, 2110-2112.	1.8	5
100	Organocatalytic and enantioselective Michael reaction between $\hat{1}\pm$ -nitroesters and nitroalkenes. Syn/anti-selectivity control using catalysts with the same absolute backbone chirality. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2577-2583.	2.2	5
101	Organocatalytic enantio- and diastereoselective synthesis of 3,5-disubstituted prolines. <i>Chemical Communications</i> , 2016, 52, 2330-2333.	4.1	5
102	Enantioselective Synthesis of Tropanes: Brønsted Acid Catalyzed Pseudotransannular Desymmetrization. <i>Angewandte Chemie</i> , 2020, 132, 6846-6850.	2.0	5
103	Enantioselective construction of the 8-azabicyclo[3.2.1]octane scaffold: application in the synthesis of tropane alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3763-3775.	2.8	5
104	Stereoselective Total Synthesis of (-)- $\hat{1}^2$ -Conhydrine and (+)- $\hat{1}\pm$ -Conhydrine. <i>Synthesis</i> , 2011, 2011, 443-450.	2.3	4
105	A general approach for the asymmetric synthesis of densely substituted piperidines and fully substituted piperidinones employing the asymmetric Mannich reaction as key step. <i>RSC Advances</i> , 2013, 3, 25800.	3.6	4
106	Highly diastereoselective C $\hat{1}$ ' N acyl rearrangement in polysubstituted pyrrolidine 2,2-dicarboxylates. Stereocontrolled synthesis of densely functionalized prolines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 933-942.	4.5	3
107	(+)-(S,S)-Pseudoephedrine as a Chiral Auxiliary in Asymmetric Mannich Reactions: Scope and Limitations. <i>Synthesis</i> , 2006, 2006, 4065-4074.	2.3	2
108	Organocatalytic Enantioselective [3+2] Cycloaddition of Azomethine Ylides and Acrolein. <i>Asymmetric Catalysis</i> , 2015, 2, .	0.2	2

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109	The Pseudotransannular Ring Opening of 1-aminocycloheptane-derived Epoxides in the Synthesis of Tropane Alkaloids: Total Synthesis of (±)-Ferrugine. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2855-2861.	2.4	2
110	Base Free Catalyzed Enantioselective Michael Reaction of bis(phenylsulfonyl)methane to α,β -Unsaturated Aldehydes under Iminium Activation. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1317-1322.	2.1	1
111	Asymmetric Hydroxylation of (S,S)-(+)-Pseudoephedrine Phenylacetamide Enolates. <i>Letters in Organic Chemistry</i> , 2004, 1, 331-334.	0.5	1
112	Kinetic Resolution in Transannular Morita-Baylis-Hillman Reaction: An Approximation to the Synthesis of Sesquiterpenes from Guaiane Family. <i>Catalysts</i> , 2022, 12, 67.	3.5	1
113	An Approach to the Synthesis of a Hepatitis C Virus Inhibitor through a Proline-Catalyzed 1,3-Dipolar Cycloaddition Using Acrolein. <i>Synthesis</i> , 2022, 54, 1101-1107.	2.3	1
114	Enantioselective transannular reactions by palladium-catalysed conjugate addition of aryl boronic acids. <i>Chemical Communications</i> , 2022, 58, 6514-6517.	4.1	1
115	A General Procedure for the Asymmetric Synthesis of 3-Aryl-1,2,3,4-tetrahydroisoquinolines.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
116	An Easy and Straightforward Approach to the Asymmetric Synthesis of Isoflavanones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
117	(±)-Amino Acids and Derivatives in the Asymmetric Synthesis of Tetrahydroisoquinoline Alkaloids. <i>ChemInform</i> , 2004, 35, no.	0.0	0
118	Double Stereodifferentiation in the α -Acetate-Type Aldol Reaction with Garner's Aldehyde. Stereocontrolled Synthesis of Polyhydroxylated β^3 -Amino Carbonyl Compounds.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
119	(±)-Amino Acids, β^2 -Amino Alcohols and Related Compounds as Chiral Auxiliaries, Ligands and Catalysts in the Asymmetric Aldol Reaction. <i>ChemInform</i> , 2006, 37, no.	0.0	0
120	2021. Kimikako Nobel Saria Natura Imitatzeagatik. Biomimetikaren Eragina Organokatalisiaren Garapenean. <i>Ekaia (journal)</i> , 0, , .	0.0	0