

# JÃ¼rgen Martens

## List of Publications by Year in descending order

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docs citations

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2303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric syntheses with chiral oxazaborolidines. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 1475-1504.	1.8	391
2	Asymmetric total synthesis of erythromcin. 1. Synthesis of an erythronolide A secoacid derivative via asymmetric induction. <i>Journal of the American Chemical Society</i> , 1981, 103, 3210-3213.	13.7	258
3	A New and Highly Efficient Asymmetric Route to Cyclic $\beta$ -Amino Phosphonates: The First Catalytic Enantioselective Hydrophosphonylation of Cyclic Imines Catalyzed by Chiral Heterobimetallic Lanthanoid Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 3089-3103.	13.7	171
4	Asymmetric total synthesis of erythromycin. 2. Synthesis of an erythronolide A lactone system. <i>Journal of the American Chemical Society</i> , 1981, 103, 3213-3215.	13.7	168
5	Induction of Asymmetry by Amino Acids. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 584-608.	4.4	104
6	Concept of Improved Rigidity: How to Make Enantioselective Hydrophosphonylation of Cyclic Imines Catalyzed by Chiral Heterobimetallic Lanthanoid Complexes Almost Perfect. <i>Journal of Organic Chemistry</i> , 2000, 65, 4818-4825.	3.2	100
7	Induktion von Asymmetrie durch Aminosäuren. <i>Angewandte Chemie</i> , 1982, 94, 590-613.	2.0	80
8	First catalytic asymmetric hydrophosphonylation of cyclic imines: Highly efficient enantioselective approach to a 4-thiazolidinylphosphonate via chiral titanium and lanthanoid catalysts. <i>Tetrahedron Letters</i> , 1996, 37, 9291-9292.	1.4	79
9	Asymmetric syntheses with amino acids. <i>Topics in Current Chemistry</i> , 1984, , 165-246.	4.0	76
10	Enantioselective catalytic borane reductions of achiral ketones: Syntheses and application of two chiral $\beta$ -amino alcohols from (S)-2-indoline carboxylic acid. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 347-350.	1.8	70
11	New Supported $\beta$ -Amino Alcohols as Efficient Catalysts for the Enantioselective Addition of Diethylzinc to Benzaldehyde under Flow Conditions. <i>Organic Letters</i> , 2002, 4, 3947-3950.	4.6	64
12	Thin-Layer Chromatographic Enantiomeric Resolution via Ligand Exchange. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 506-506.	4.4	62
13	Thin-layer chromatographic enantiomeric resolution. <i>Die Naturwissenschaften</i> , 1985, 72, 149-150.	1.6	53
14	Direct resolution of enantiomers by impregnated TLC. <i>Biomedical Chromatography</i> , 1997, 11, 280-285.	1.7	53
15	Purification of Enantiomeric Mixtures in Enantioselective Synthesis: Overlooked Errors and Scientific Basis of Separation in Achiral Environment. <i>Helvetica Chimica Acta</i> , 2014, 97, 161-187.	1.6	52
16	Selenol Esters – A Novel Class of Liquid-Crystal Compounds. <i>Angewandte Chemie International Edition in English</i> , 1977, 16, 318-319.	4.4	48
17	Catalytic enantioselective addition of diethylzinc to aldehydes: Application of a new bicyclic catalyst. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 637-640.	1.8	45
18	Enantioselective Catalytic Borane Reductions of Achiral Ketones: Synthesis and Application Of New Catalysts Prepared from (S)-Tert-Leucine and (S)-Azetidincarboxylic Acid. <i>Synthetic Communications</i> , 1992, 22, 2143-2153.	2.1	44

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19	Production of optically active ketones by a palladium-induced cascade reaction from racemic $\beta^2$ -ketoesters.. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1321-1326.	1.8	44
20	Resolution of optical isomers by thin-layer chromatography (TLC). Enantiomeric purity of l-DOPA. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , 1985, 322, 513-514.	0.8	43
21	Resolution of Optical Isomers by Thin-Layer Chromatography: Enantiomeric Purity of Methyl-dopa. <i>Dünnschichtchromatographische Enantiomerentrennung: Enantiomere Reinheit von Methyl-dopa. Archiv Der Pharmazie</i> , 1986, 319, 572-574.	4.1	43
22	Sulfur-containing $\beta^2$ -amino alcohols as catalysts in enantioselective synthesis. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2033-2043.	1.8	41
23	Resolution of enantiomers of ibuprofen by liquid chromatography: a review. , 1998, 12, 309-316.		41
24	Enantioselective catalytic reductions of ketones: Synthesis and application of a new structurally rigid bicyclic catalyst. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 1093-1096.	1.8	40
25	Multicomponent synthesis of novel amino acid-nucleobase chimeras: a versatile approach to PNA-monomers. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1343-1360.	3.0	40
26	Catalytic enantioselective addition of diethylzinc to aldehydes: Synthesis and application of a new cyclic catalyst. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1413-1416.	1.8	39
27	Notizen: Photochemistry of Selenol Esters. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1976, 31, 1717-1718.	0.7	38
28	Resolution of Optical Isomers by Thin-Layer Chromatography Enantiomeric Purity of D-Penicillamine. <i>Archiv Der Pharmazie</i> , 1986, 319, 461-465.	4.1	38
29	Resolution of Enantiomers with Achiral Phase Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1992, 15, 1-27.	1.0	38
30	Modified PNAs: A simple method for the synthesis of monomeric building blocks. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 581-584.	2.2	38
31	Enantioselective Organocatalytic Strecker Reactions in the Synthesis of $\beta^2$ -Amino Acids. <i>ChemCatChem</i> , 2010, 2, 379-381.	3.7	38
32	Free and Cr(CO) <sub>3</sub> -Complexed Aminophosphine Phosphinite Ligands for Highly Enantioselective Hydrogenation of $\beta^2$ -Functionalized Ketones. <i>Organometallics</i> , 2000, 19, 5723-5732.	2.3	37
33	Homo- and heterogeneous organocatalysis: enantioselective Mannich addition of ketones to endocyclic carbon-nitrogen double bonds. <i>Tetrahedron</i> , 2011, 67, 546-553.	1.9	37
34	Phosphonic and Phosphinic Acid Analogs of Penicillamine. <i>Liebigs Annalen Der Chemie</i> , 1985, 1985, 448-452.	0.8	35
35	Enantioselective Catalytic Hydrogenation of $\beta^2$ -Acetylaminoacrylic Acids. <i>Synthesis</i> , 1981, 1981, 76-78.	2.3	34
36	Diastereoselective Synthesis of Vinylmorpholines by Palladium-Catalyzed Tandem Allylic Substitutions using Enantiopure Aminoalcohols as Bifunctional Nucleophiles. <i>Tetrahedron Letters</i> , 1995, 36, 5527-5530.	1.4	34

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37	Synthesis of the first enantiomerically pure 3-thiazolines via Asinger reaction. <i>Tetrahedron Letters</i> , 2000, 41, 7289-7292.	1.4	34
38	Multicomponent synthesis of tripeptides containing pipercolic acid derivatives: selective induction of cis- and trans-imide bonds into peptide backbones. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 1867-1871.	1.3	34
39	Enantioselective catalytic reduction of acetophenone with borane in the presence of cyclic $\hat{1}\pm$ -amino acids and their corresponding $\hat{1}^2$ -amino alcohols. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 185-188.	1.8	32
40	Palladium-mediated enantioselective formation of 2-methyltetral-1-one from the corresponding allyl or benzyl enol carbonate in the presence of enantiopure aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1865-1868.	1.8	32
41	Twofold Insertion of Isocyanides into the Ga $\hat{1}\hat{2}$ Ga Bond of Tetrakis[bis(trimethylsilyl)methyl]digallane(4). <i>Chemische Berichte</i> , 1996, 129, 897-901.	0.2	32
42	Synthesis of C2-symmetrical bis- $\hat{1}^2$ -amino alcohols from (R)-cysteine and their application in enantioselective catalysis. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1409-1417.	1.8	32
43	$\hat{1}^2$ -Amino tertiary cycloalkanols for the enantioselective protonation of enolic species produced by a palladium-induced cascade reaction. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1847-1850.	1.8	32
44	Importance of enantiomeric purity and its control by thin-layer chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1990, 8, 259-269.	2.8	31
45	Enantioselective catalytic borane reductions of aromatic ketones: Syntheses and application of two chiral $\hat{1}^2$ -amino alcohols from (S)-porretine. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 223-226.	1.8	31
46	New chiral oxazaphospholidine oxides as highly efficient catalysts in the enantioselective reduction of ketones. <i>Tetrahedron Letters</i> , 1996, 37, 8351-8354.	1.4	31
47	T.l.c. enantiomeric separation of amino acids. <i>International Journal of Peptide and Protein Research</i> , 1989, 34, 433-444.	0.1	31
48	AminosÄuren - Herstellung und Gewinnung. <i>Chemie in Unserer Zeit</i> , 1984, 18, 73-86.	0.1	30
49	Thin Layer Chromatographic Separation of Stereoisomeric Dipeptides. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 278-279.	4.4	30
50	Separation of amino acids, their derivatives and enantiomers by impregnated TLC. <i>Biomedical Chromatography</i> , 2001, 15, 155-165.	1.7	30
51	Enantiomerenreine bicyclische pyrrolidin-derivate. <i>Tetrahedron</i> , 1991, 47, 1205-1214.	1.9	29
52	Synthesis and application of C2-symmetrical bis- $\hat{1}^2$ -amino alcohols based on the octahydro-cyclopenta[b]pyrrole system in the catalytic enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4437-4445.	1.8	29
53	Application of chromatographic chiral stationary phases to pharmaceutical analysis. <i>Journal of Chromatography A</i> , 1985, 350, 179-185.	3.7	28
54	Decarboxylation of $\hat{1}\pm$ -Amino Acids Containing Two and Three Stereogenic Centers: A Simple One-Step Procedure to Prepare two Optically Active $\hat{1}^2$ -Amino Alcohols and a Bicyclic Pyrrolidine Derivative. <i>Synthetic Communications</i> , 1994, 24, 1381-1387.	2.1	28

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55	Amino acids. 7. A novel synthetic route to L-proline. <i>Journal of Organic Chemistry</i> , 1986, 51, 3494-3498.	3.2	27
56	Synthesis and application of new (threo)- and (erythro)-amino alcohols based on the octahydro-cyclopenta[b]pyrrole system in the catalytic enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2761-2771.	1.8	27
57	Utilization of Industrial Waste Materials, 10. "Synthesis of New Chiral Bicyclic 3-hydroxypiperidines" Highly Diastereoselective Ring Expansion of the Azabicyclo[3.3.0]octane System to Chiral Piperidine Derivatives. <i>Liebigs Annalen</i> , 1997, 1997, 573-579.	0.8	27
58	Direct resolution of (±)-ephedrine and atropine into their enantiomers by impregnated TLC. <i>Biomedical Chromatography</i> , 2001, 15, 151-154.	1.7	27
59	Siliciumverbindungen mit starken intramolekularen sterischen Wechselwirkungen. <i>Journal of Organometallic Chemistry</i> , 1980, 338, C1-C3.	1.8	26
60	Facile Synthesis of Racemic Cysteine. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 668-668.	4.4	26
61	Thin-layer chromatographic enantiomeric resolution of ±-alkyl amino acids. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1986, 325, 298-299.	0.8	26
62	New 2-Amino Alcohols as Chiral Ligands for the Catalytic Enantioselective Reduction of Prochiral Ketones and the Nucleophilic Addition of Diethylzinc to Benzaldehyde. <i>Chemische Berichte</i> , 1996, 129, 691-695.	0.2	26
63	Syntheses of new chiral 1,2-diamines and 1-amino-alcohols and their application in catalytic enantioselective C—C bond formations at an elevated temperature of up to 110 °C. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2343-2357.	1.8	26
64	Diastereoselective Lewis acid mediated hydrophosphonylation of heterocyclic imines: a stereoselective approach towards ±-amino phosphonates. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2804-2816.	1.3	26
65	Synthese eines neuen chiralen selektors für die dünnschichtchromatographische enantiomerentrennung nach dem ligandenaustauschprinzip. <i>Tetrahedron Letters</i> , 1989, 30, 7181-7182.	1.4	25
66	EPC-synthese von verruculotoxin. <i>Tetrahedron Letters</i> , 1991, 32, 1417-1418.	1.4	25
67	Synthesis and application of new 2-amino alcohols based on the octahydro-cyclopenta[b]pyrrole system in the catalytic enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2007-2015.	1.8	25
68	TLC resolution of enantiomers of amino acids and dansyl derivatives using (1R,3R,5R)-2-azabicyclo[3,3,0]octan-3-carboxylic acid as impregnating reagent. <i>Biomedical Chromatography</i> , 1997, 11, 286-288.	1.7	25
69	Direct thin layer chromatography enantioresolution of some basic dl-amino acids using a pharmaceutical industry waste as chiral impregnating reagent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 21, 1143-1147.	2.8	25
70	(1 <i>S</i> ,3 <i>S</i> ,5 <i>S</i> )-2-Amino-2-methoxymethyl-2-azabicyclo [3.3.0]octan: SAMBO " ein neuer chiraler Hilfsstoff. <i>Liebigs Annalen Der Chemie</i> , 1990, 1990, 949-952.	0.8	24
71	Synthese und Reaktivität von Oxazolinen. <i>Liebigs Annalen Der Chemie</i> , 1992, 1992, 1-6.	0.8	23
72	Enantioselective catalytic borane reductions of achiral ketones: Synthesis and application of new chiral 2-amino alcohols from L-methionine. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1983-1986.	1.8	23

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73	New C <sub>2</sub> -symmetric 2,4-bis(1-hydroxycyclopentyl)azetidines derived from (S)-1-phenylethylamine and their application in the enantioselective catalysis. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2143-2148.	1.8	23
74	Organische Schwefelverbindungen <sup>IV</sup> : Elektronenstossinduzierte Redoxreaktion von ortho-Nitrothiobenzoesäure-S-p-tolylester. <i>Organic Mass Spectrometry</i> , 1974, 8, 317-321.	1.3	22
75	Selenolester – eine neue Klasse flüssigkristalliner Verbindungen. <i>Angewandte Chemie</i> , 1977, 89, 328-329.	2.0	22
76	Synthesis of novel pipercolic acid derivatives: a multicomponent approach from 3,4,5,6-tetrahydropyridines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 3515-3525.	0.9	22
77	Enantioseparations in Achiral Environments and Chromatographic Systems. <i>Israel Journal of Chemistry</i> , 2016, 56, 990-1009.	2.3	22
78	Utilization of industrial waste materials, 5. Synthesis of new, chiral 1,3,2-oxazaphospholidine-borane complexes and attempts to apply them in the stereoselective synthesis. <i>Liebigs Annalen</i> , 1995, 1995, 2123-2131.	0.8	21
79	A Novel and Convenient Route to Phosphono-Oligopeptides Derived from 1,3-Oxazolines, 1,3-Oxazines and 1,3-Thiazolines. <i>Synthetic Communications</i> , 1995, 25, 1677-1688.	2.1	21
80	Utilization of industrial waste materials. Part 14. – Synthesis of $\beta$ -amino alcohols and thiols with a 2-azabicyclo[3.3.0]octane backbone and their application in enantioselective catalysis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 2353-2365.	0.9	21
81	First Synthesis of $\beta,\beta$ -Unsaturated Lactones with High Diversity through the Passerini Reaction and Ring-Closing Metathesis (RCM). <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4335-4344.	2.4	21
82	Organische Schwefelverbindungen, VII. Photochemische $\beta$ -Spaltung von Thiobenzoesäure-S-p-tolylestern in Lösung. <i>Chemische Berichte</i> , 1974, 107, 2319-2325.	0.2	20
83	Photochemistry of organic selenium and tellurium compounds. <i>Journal of Organometallic Chemistry</i> , 1980, 198, 321-351.	1.8	20
84	Enantioselective Catalytic Borane Reductions of Achiral Ketones: Synthesis and Application of New Rigid Catalysts Prepared from (R)-Phenylglycine and (S)-Phenylalanine. <i>Synthetic Communications</i> , 1993, 23, 2091-2099.	2.1	20
85	Two Sequential Multicomponent Reactions: Synthesis of Thiazolidin-4-yl-1,3,4-oxadiazoles under Mild Conditions. <i>Synthesis</i> , 2014, 46, 1603-1612.	2.3	20
86	Multicomponent reactions as versatile tool: development of a mild approach to 1,3-benzothiazine-2-thiones. <i>Tetrahedron</i> , 2015, 71, 8290-8301.	1.9	20
87	Organische Schwefelverbindungen, VIII. Bildung von Thiophenen durch Pyrolyse von Dihydrothiopyranen, Reaktionen der Diels-Alder-Addukte aus Thiofluorenon und 1,3-Butadienen in der Hitze und unter Elektronenstoß. <i>Chemische Berichte</i> , 1974, 107, 2931-2937.	0.2	19
88	The Synthesis of Novel Cyclic $\beta$ -Amino Acids as Intermediates for the Preparation of Bicyclic $\beta$ -Lactams. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2433-2441.	2.4	19
89	First Synthesis of $\beta,\beta$ - and Tricyclic $\beta,\beta$ -Unsaturated $\beta$ -Oxaprolactams from Cyclic Imines via Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3859-3867.	2.4	19
90	New thioether derivatives as catalysts for the enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 207-210.	1.8	18

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91	Verwertung industrieller Abfallstoffe, 1. Synthese neuer, chiraler primÄrer und sekundÄrer, 1,2Ä-Diamine. Liebigs Annalen Der Chemie, 1994, 1994, 243-250.	0.8	18
92	Intramolecular vs. intermolecular induction in the diastereoselective catalytic reduction of enantiomerically pure ketones with borane in the presence of cyclic Î²-amino alcohols. Tetrahedron: Asymmetry, 1995, 6, 3063-3070.	1.8	18
93	L-cysteine-derivatives in asymmetric synthesis: Preparation of two new chiral Î²-amino alcohols and their application in the enantioselective catalytic reduction of prochiral aromatic ketones with borane. Tetrahedron: Asymmetry, 1993, 4, 2229-2302.	1.8	17
94	Single-Step Synthesis of Racemic Di- and Tripeptides Derived from Unnatural Î²-Hydroxy and Î²-Mercapto Î±-Amino, Acids by the Ugi Reaction. Synthesis, 1994, 1994, 619-623.	2.3	17
95	Synthesis of different types of valerolactams starting from 2,5-dihydrooxazoles. Tetrahedron, 2010, 66, 242-250.	1.9	17
96	OxaÄ and ThiazolidineÄ-Containing Polymers Derived via the Asinger FourÄ-Component Reaction: the Ring Matters. Macromolecular Chemistry and Physics, 2014, 215, 412-420.	2.2	16
97	Assessment and application of MarfeyÄ™s reagent and analogs in enantioseparation: a decadeÄ™s perspective. Biomedical Chromatography, 2021, 35, e4990.	1.7	16
98	Intramolekulare Photo-Friedel-Crafts-Reaktionen; ein neues Synthese-Prinzip fÄ¼r Heterocyclen1. Synthesis, 1976, 1976, 532-533.	2.3	15
99	Synthesis of Glutathione Analogues, Peptide Nucleic Acids and Phosphonooligopeptides from Heterocyclic Imines. Synthetic Communications, 1996, 26, 3383-3394.	2.1	15
100	Highly Diastereoselective Addition of N-Boc-pyrrolidin-2-ylolithium to Optically Active Ketimines Ä Synthesis of Enantiomerically Pure 1,3-Imidazolidin-2-ones and Diamines. European Journal of Organic Chemistry, 2002, 2002, 301-308.	2.4	15
101	Development of small focused libraries of supported amino alcohols as an efficient strategy for the optimization of enantioselective heterogeneous catalysts for the ZnEt2 addition to benzaldehyde. Tetrahedron, 2003, 59, 1797-1804.	1.9	15
102	Synthesis of Bicyclic Thiazolidinethiones and Oxazolidinones by WaterÄ-Mediated Multicomponent Reactions (MCR) and RingÄ-Closing Metathesis (RCM). European Journal of Organic Chemistry, 2013, 2013, 8022-8032.	2.4	15
103	Four-Component Reaction for the Synthesis of Dithiocarbamates Starting from Cyclic Imines. ACS Combinatorial Science, 2016, 18, 456-460.	3.8	15
104	Multicomponent synthesis of dithiocarbamates starting from vinyl sulfones/sulfoxides and their use in polymerization reactions. RSC Advances, 2016, 6, 75223-75226.	3.6	15
105	Spektroskopische Untersuchungen, IX./Spectroscopic Investigations, IX.. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1975, 30, 259-262.	0.7	14
106	Synthese von 4-ThiazolidininessigsÄuren und Î²-Homopenicillamin. Synthesis, 1991, 1991, 497-498.	2.3	14
107	Synthesis of dimethyl 4-thiazolidinylphosphine oxides via addition of dimethylphosphine oxide to 3-thiazolines. Heteroatom Chemistry, 1997, 8, 207-215.	0.7	14
108	Enantioselective Hydrogenation of Functionalized Ketones. Synthesis and Application of New Chiral Aminophosphine-Phosphinite Ligands. Synlett, 1998, 1998, 1162-1164.	1.8	14

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109	Enantioresolution of some $\beta$ -blockers and a $\beta$ -agonist using ligand exchange TLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 463-467.	1.2	14
110	Sequential Multicomponent Reactions and a Cu-Mediated Rearrangement: Diastereoselective Synthesis of Tricyclic Ketones. <i>Organic Letters</i> , 2015, 17, 5866-5869.	4.6	14
111	Organische Photochemie, XIV. Photoreaktionen sulfiny substituerter Carbons, Thiocarbonyl- und Selenocarbonylderivate in Lösung; lichtinduzierte Spaltungen, Heterocyclenbildungen und Photosubstitutionen. <i>Justus Liebigs Annalen Der Chemie</i> , 1977, 1977, 1992-2017.	0.5	13
112	Aminosäuren - Bausteine des Lebens. <i>Chemie in Unserer Zeit</i> , 1983, 17, 41-53.	0.1	13
113	Stereoselective Reaction Mass Spectrometry with Cyclic $\beta$ -Amino Acids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1991, 46, 320-325.	0.7	13
114	Vereinfachte Peptidsynthese mit schutzgruppenfreien Aminosäure-Hydrochloriden nach dem Prinzip der Vierkomponenten-Kondensation. <i>Synthesis</i> , 1992, 1992, 837-838.	2.3	13
115	Intramolecular vs. intermolecular induction in the diastereoselective catalytic reduction of 17-oxo-steroids. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1763-1770.	1.8	13
116	Highly stereoselective synthesis of 1,3-aminoalcohols via Mannich reactions. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3409-3416.	1.8	13
117	A Manifold Three-Step Synthetic Route to Polycyclic Annulated Hydantoins via Cyclic Imines. <i>Helvetica Chimica Acta</i> , 2012, 95, 1857-1870.	1.6	13
118	Diastereoselective synthesis of vinylmorpholines by palladium-catalyzed tandem allylic substitutions using enantiopure aminoalcohols as bifunctional nucleophiles. <i>Tetrahedron Letters</i> , 1995, 36, 5527-5530.	1.4	13
119	Photochemische Thioxanthon-Synthese aus 2-Halogen-thiobenzoensäure-Säureestern. <i>Synthesis</i> , 1974, 1974, 666-667.	2.3	12
120	Verwertung industrieller Abfallstoffe, 4. Synthese neuer, chiraler $\beta$ -Aminoalkohole und deren Anwendung in der katalytischen enantioselektiven Addition von Diethylzink an Benzaldehyd. <i>Liebigs Annalen Der Chemie</i> , 1994, 1994, 491-496.	0.8	12
121	Synthesis of New 4-Thiazolidinylphosphonates via Stereoselective Pudovik Reaction. <i>Synthetic Communications</i> , 1996, 26, 1903-1911.	2.1	12
122	Utilization of Industrial Waste Materials, 11. Synthesis of New, Chiral $\beta$ -Amino Alcohols via Diastereodivergent Addition of Grignard Reagents to $\beta$ -Amino Aldehydes Based on the $\beta$ -Azabicyclo[3.3.0]octane System. <i>Liebigs Annalen</i> , 1997, 1997, 2133-2146.	0.8	12
123	Preparation and Optimization of Polymer-Supported and Amino Alcohol Based Enantioselective Reagents and Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 5977-5982.	3.7	12
124	Three-Component Reaction toward Polyannulated Quinazolinones, Benzoxazinones, and Benzothiazinones. <i>ACS Combinatorial Science</i> , 2015, 17, 202-207.	3.8	12
125	Resolution of enantiomers with both achiral phases in chromatography: conceptual challenge. <i>RSC Advances</i> , 2015, 5, 28316-28323.	3.6	12
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