

# Ferenc FÃ¼lÃ¶p

## List of Publications by Year in descending order

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352  
papers

9,089  
citations

61984

43  
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74163

75  
g-index

360  
all docs

360  
docs citations

360  
times ranked

6830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kynurenes in the CNS: recent advances and new questions. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 64-82.	46.4	480
2	Peptidic foldamers: ramping up diversity. <i>Chemical Society Reviews</i> , 2012, 41, 687-702.	38.1	425
3	The Chemistry of 2-Aminocycloalkancarboxylic Acids. <i>Chemical Reviews</i> , 2001, 101, 2181-2204.	47.7	339
4	Application of alicyclic $\beta$ -amino acids in peptide chemistry. <i>Chemical Society Reviews</i> , 2006, 35, 323.	38.1	256
5	Synthesis of Carbocyclic and Heterocyclic $\beta$ -Aminocarboxylic Acids. <i>Chemical Reviews</i> , 2014, 114, 1116-1169.	47.7	167
6	Side-chain control of beta-peptide secondary structures. Design principles. <i>FEBS Journal</i> , 2003, 270, 3657-3666.	0.2	134
7	cis-2-Aminocyclopentanecarboxylic Acid Oligomers Adopt a Sheetlike Structure: Switch from Helix to Nonpolar Strand. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1718-1721.	13.8	125
8	Effects of the Alternating Backbone Configuration on the Secondary Structure and Self-Assembly of $\beta$ -Peptides. <i>Journal of the American Chemical Society</i> , 2006, 128, 13539-13544.	13.7	116
9	Syntheses and Transformations of 1-( $\beta$ -Aminobenzyl)-2-Naphthol Derivatives. <i>Current Organic Synthesis</i> , 2004, 1, 155-165.	1.3	114
10	Secondary Structure Dependent Self-Assembly of $\beta$ -Peptides into Nanosized Fibrils and Membranes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2396-2400.	13.8	105
11	Design of Peptidic Foldamer Helices: A Stereochemical Patterning Approach. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2171-2175.	13.8	104
12	Chain-Length-Dependent Helical Motifs and Self-Association of $\beta$ -Peptides with Constrained Side Chains. <i>Journal of the American Chemical Society</i> , 2005, 127, 547-553.	13.7	101
13	Lipase-Catalyzed Enantioselective Ring Opening of Unactivated Alicyclic-Fused $\beta$ -Lactams in an Organic Solvent. <i>Organic Letters</i> , 2003, 5, 1209-1212.	4.6	100
14	Ring-chain tautomerism in 1,3-oxazines. <i>Journal of Organic Chemistry</i> , 1987, 52, 3821-3825.	3.2	96
15	Recent Developments in the Ring-Chain Tautomerism of 1,3-Heterocycles. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3025-3042.	2.4	95
16	Neuroprotective effects of a novel kynurenic acid analogue in a transgenic mouse model of Huntington's disease. <i>Journal of Neural Transmission</i> , 2011, 118, 865-875.	2.8	87
17	Unique $\beta$ - and $\beta$ -Peptide Foldamers Based on cis- $\beta$ -Aminocyclopentanecarboxylic Acid. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2208-2212.	13.8	80
18	Transformation reactions of the betti base analog aminonaphthols. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 367-373.	2.6	79

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19	Enantioselective addition of diethylzinc to aldehydes catalyzed by $\beta$ -amino alcohols derived from (+)- and ( $\beta$ )- $\alpha$ -pinene. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 199-204.	1.8	72
20	Synthesis and conformational analysis of naphth[1,2,5,6][1,3]oxazino[3,2-c][1,3]benzoxazine and naphth[1,2,5,6][1,3]oxazino[3,4-c][1,3]benzoxazine derivatives. <i>Tetrahedron</i> , 2006, 62, 11081-11089.	1.9	70
21	Syntheses, transformations and applications of aminonaphthol derivatives prepared via modified Mannich reactions. <i>Tetrahedron</i> , 2013, 69, 1255-1278.	1.9	67
22	Strategic Application of Residence-Time Control in Continuous-Flow Reactors. <i>ChemistryOpen</i> , 2015, 4, 212-223.	1.9	67
23	Synthesis, Stereochemistry and Transformations of Cyclopentane-, Cyclohexane-, Cycloheptane-, and Cyclooctane-Fused 1,3-Oxazines, 1,3-Thiazines, and Pyrimidines. <i>Advances in Heterocyclic Chemistry</i> , 1997, , 349-477.	1.7	66
24	Advanced procedure for the enzymatic ring opening of unsaturated alicyclic $\beta$ -lactams. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2875-2880.	1.8	66
25	Different inhibitory effects of kynurenic acid and a novel kynurenic acid analogue on tumour necrosis factor- $\alpha$ (TNF- $\alpha$ ) production by mononuclear cells, HMGB1 production by monocytes and HNP1-3 secretion by neutrophils. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 447-455.	3.0	65
26	Synthesis of bi- and tricyclic $\beta$ -lactam libraries in aqueous medium. <i>Green Chemistry</i> , 2007, 9, 357-360.	9.0	64
27	Diastereo- and Enantioselective Synthesis of Orthogonally Protected 2,4-Diaminocyclopentanecarboxylates: A Flip from $\beta$ -Amino- to $\beta,\beta$ -Diaminocarboxylates. <i>Journal of Organic Chemistry</i> , 2007, 72, 8786-8790.	3.2	62
28	Changing the Face of Kynurenines and Neurotoxicity: Therapeutic Considerations. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9772-9793.	4.1	62
29	An overview of peptide and peptoid foldamers in medicinal chemistry. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 1163-1177.	5.0	61
30	Developing a QSAR model for hepatotoxicity screening of the active compounds in traditional Chinese medicines. <i>Food and Chemical Toxicology</i> , 2015, 78, 71-77.	3.6	58
31	Molecular Basis for the Enantioselective Ring Opening of $\beta$ -Lactams Catalyzed by <i>Candida antarctica</i> Lipase B. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 986-995.	4.3	55
32	Synthesis and transformation of novel cyclic $\beta$ -amino acid derivatives from (+)-3-carene. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3965-3972.	1.8	55
33	A New Route to Enantiopure $\beta$ -Aryl-Substituted $\beta$ -Amino Acids and 4-Aryl-Substituted $\beta$ -Lactams through Lipase-Catalyzed Enantioselective Ring Cleavage of $\beta$ -Lactams. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 917-923.	4.3	54
34	l-kynurenine combined with probenecid and the novel synthetic kynurenic acid derivative attenuate nitroglycerin-induced nNOS in the rat caudal trigeminal nucleus. <i>Neuropharmacology</i> , 2009, 57, 425-429.	4.1	52
35	Neuroprotection with a new kynurenic acid analog in the four-vessel occlusion model of ischemia. <i>European Journal of Pharmacology</i> , 2011, 667, 182-187.	3.5	50
36	Highly functionalized cyclic $\beta$ -amino acid moieties as promising scaffolds in peptide research and drug design. <i>Amino Acids</i> , 2017, 49, 1441-1455.	2.7	50

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37	Stereochemical studies. <b>58</b> . Saturated heterocycles. <b>39</b> . Preparation and steric structures of dihydro-1,3-oxazines, 1,3-oxazin-2-ones and 1,3-oxazine-2-thiones fused with norbornane and norbornene. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1181-1185.		49
38	The First Direct Enzymatic Hydrolysis of Alicyclic $\beta$ -Amino Esters: A Route to Enantiopure cis and trans $\beta$ -Amino Acids. <i>Chemistry - A European Journal</i> , 2007, 13, 6397-6401.	3.3	49
39	Continuous-Flow Solid-Phase Peptide Synthesis: A Revolutionary Reduction of the Amino Acid Excess. <i>ChemSusChem</i> , 2014, 7, 3172-3176.	6.8	47
40	A Novel and Selective Fluoride Opening of Aziridines by XtalFluor-E. Synthesis of Fluorinated Diamino Acid Derivatives. <i>Organic Letters</i> , 2015, 17, 1074-1077.	4.6	47
41	Synthesis and transformations of enantiomeric 1,2-disubstituted monoterpene derivatives. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4571-4579.	1.8	45
42	Up to 96% Enantioselectivities in the Hydrogenation of Fluorine Substituted ( <i>E</i> )-2,3-Diphenylpropenoic Acids over Cinchonidine-Modified Palladium Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2804-2814.	4.3	45
43	New Endomorphin Analogues Containing Alicyclic $\beta$ -Amino Acids: Influence on Bioactive Conformation and Pharmacological Profile. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4270-4279.	6.4	45
44	Flow chemistry as a versatile tool for the synthesis of triazoles. <i>Catalysis Science and Technology</i> , 2015, 5, 4926-4941.	4.1	44
45	Synthesis of enantiopure 1,4-ethyl- and 1,4-ethylene-bridged cispentacin by lipase-catalyzed enantioselective ring opening of $\beta$ -lactams. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 573-575.	1.8	43
46	Synthesis of 2,4-Diaryl-3,4-dihydro-2H-naphth[2,1-e][1,3]oxazines and Study of the Effects of the Substituents on Their Ring-Chain Tautomerism. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2231-2238.	2.4	42
47	Migraine, Neurogenic Inflammation, Drug Development - Pharmacochemical Aspects. <i>Current Medicinal Chemistry</i> , 2017, 24, 3649-3665.	2.4	42
48	Preparation of (1R,8S)- and (1S,8R)-9-azabicyclo[6.2.0]dec-4-en-10-one: potential starting compounds for the synthesis of anatoxin-a. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 643-649.	1.8	41
49	Asymmetric synthesis of $\beta$ , $\beta$ -diamino acid derivatives with an aziridine-, azetidine- and $\beta$ -lactone-skeleton via Mannich-type additions across $\beta$ -chloro-N-sulfinylimines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2326.	2.8	41
50	Harnessing the Versatility of Continuous-Flow Processes: Selective and Efficient Reactions. <i>Chemical Record</i> , 2016, 16, 1018-1033.	5.8	41
51	Syntheses of Hydroxylated Cyclic $\beta$ -Amino Acid Derivatives. <i>Current Medicinal Chemistry</i> , 2005, 12, 3063-3083.	2.4	39
52	Sculpting the $\beta$ -peptide foldamer H12 helix via a designed side-chain shape. <i>Chemical Communications</i> , 2009, , 177-179.	4.1	39
53	Mechanistic considerations of enantioselective recognition on novel Cinchona alkaloid-based zwitterionic chiral stationary phases from the aspect of the separation of trans-paroxetine enantiomers as model compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 164-173.	2.8	39
54	Effects of kynurenic acid analogue 1 (KYNA-A1) in nitroglycerin-induced hyperalgesia: Targets and anti-migraine mechanisms. <i>Cephalalgia</i> , 2017, 37, 1272-1284.	3.9	39

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55	Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects. <i>Toxicology in Vitro</i> , 2017, 44, 273-279.	2.4	39
56	An Efficient Enzymatic Synthesis of Benzocispentacin and Its New Six- and Seven-Membered Homologues. <i>Chemistry - A European Journal</i> , 2006, 12, 2587-2592.	3.3	38
57	Kynurenate Derivative Attenuates the Nitroglycerin-Induced CamKII $\beta$ and CGRP Expression Changes. <i>Headache</i> , 2010, 50, 834-843.	3.9	38
58	Total synthesis of crispine A enantiomers through a <i>Burkholderia cepacia</i> lipase-catalysed kinetic resolution. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1255-1260.	1.8	38
59	Stereoselective synthesis of hydroxylated $\beta$ -aminocyclohexanecarboxylic acids. <i>Tetrahedron</i> , 2008, 64, 5036-5043.	1.9	37
60	Stereoselective synthesis of carane-based aminodiols as chiral ligands for the catalytic addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1021-1027.	1.8	37
61	Synthesis of novel isoxazoline-fused cispentacin stereoisomers. <i>Tetrahedron Letters</i> , 2009, 50, 2605-2608.	1.4	36
62	A novel kynurenic acid analogue: a comparison with kynurenic acid. An in vitro electrophysiological study. <i>Journal of Neural Transmission</i> , 2010, 117, 183-188.	2.8	36
63	Regio- and diastereoselective fluorination of alicyclic $\beta$ -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6528.	2.8	35
64	Recent advances in the transformations of cycloalkane-fused oxiranes and aziridines. <i>Tetrahedron</i> , 2017, 73, 5461-5483.	1.9	35
65	Vapour-assisted enzymatic hydrolysis of $\beta$ -lactams in a solvent-free system. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1005-1009.	1.8	34
66	Synthesis and application of monoterpene-based chiral aminodiols. <i>Tetrahedron</i> , 2008, 64, 1034-1039.	1.9	34
67	Synthesis of orthogonally protected azepane $\beta$ -amino ester enantiomers. <i>Tetrahedron Letters</i> , 2010, 51, 82-85.	1.4	34
68	Monoterpene-based chiral $\beta$ -amino acid derivatives prepared from natural sources: syntheses and applications. <i>Amino Acids</i> , 2011, 41, 597-608.	2.7	34
69	Synthesis of novel isoxazoline-fused cyclic $\beta$ -amino esters by regio- and stereo-selective 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 2011, 67, 4079-4085.	1.9	34
70	Selective Synthesis of New Fluorinated Alicyclic $\beta$ -Amino Ester Stereoisomers. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4993-5001.	2.4	34
71	Dihydropyridine Derivatives Modulate Heat Shock Responses and have a Neuroprotective Effect in a Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 557-571.	2.6	34
72	Regio- and stereoselective synthesis of constrained enantiomeric $\beta$ -amino acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2296-2303.	1.8	33

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73	Direct high-performance liquid chromatographic enantioseparation of secondary amino acids on Cinchona alkaloid-based chiral zwitterionic stationary phases. Unusual temperature behavior. <i>Journal of Chromatography A</i> , 2014, 1363, 169-177.	3.7	33
74	Continuous enantioselective hydrogenation of activated ketones on a pt-cd chiral catalyst: use of h-cube reactor system. <i>Reaction Kinetics and Catalysis Letters</i> , 2006, 88, 391-398.	0.6	32
75	An efficient new enzymatic method for the preparation of $\hat{1}^2$ -aryl- $\hat{1}^2$ -amino acid enantiomers. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2072-2077.	1.8	32
76	Selective syntheses of novel highly functionalized $\hat{1}^2$ -aminocyclohexanecarboxylic acids. <i>Tetrahedron</i> , 2012, 68, 4438-4443.	1.9	32
77	Highly Selective Continuous-Flow Synthesis of Potentially Bioactive Deuterated Chalcone Derivatives. <i>ChemPlusChem</i> , 2015, 80, 859-864.	2.8	32
78	Impact of copper and iron binding properties on the anticancer activity of 8-hydroxyquinoline derived Mannich bases. <i>Dalton Transactions</i> , 2018, 47, 17032-17045.	3.3	32
79	A New Access Route to Functionalized Cispentacins from Norbornene $\hat{1}^2$ -Amino Acids. <i>Chemistry - A European Journal</i> , 2013, 19, 2102-2107.	3.3	31
80	Efficient Synthesis of Hydroxy-Substituted Cispentacin Derivatives. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3724-3730.	2.4	30
81	Synthesis of 3- and 4-Hydroxy-2-aminocyclohexanecarboxylic Acids by Iodocyclization. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4017-4023.	2.4	29
82	An Easy Stereoselective Access to $\hat{1}^2, \hat{1}^3$ -Aziridino $\hat{1}^\pm$ -Amino Ester Derivatives via Mannich Reaction of Benzophenone Imines of Glycine Esters with <i>N</i> -Sulfonyl $\hat{1}^\pm$ -Chloroaldehydes. <i>Journal of Organic Chemistry</i> , 2007, 72, 7199-7206.	3.2	29
83	Burkholderia cepacia lipase is an excellent enzyme for the enantioselective hydrolysis of $\hat{1}^2$ -heteroaryl- $\hat{1}^2$ -amino esters. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1771-1777.	1.8	29
84	A simple, efficient, and selective deuteration via a flow chemistry approach. <i>Tetrahedron Letters</i> , 2009, 50, 4372-4374.	1.4	28
85	Syntheses of Isoxazoline-Based Amino Acids by Cycloaddition of Nitrile Oxides and Their Conversion into Highly Functionalized Bioactive Amino Acid Derivatives. <i>Synthesis</i> , 2012, 44, 1951-1963.	2.3	28
86	Unexpected effects of peripherally administered kynurenic acid on cortical spreading depression and related blood-brain barrier permeability. <i>Drug Design, Development and Therapy</i> , 2013, 7, 981.	4.3	28
87	Enantioseparation of $\hat{1}^2$ -amino acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Structural and temperature effects. <i>Journal of Chromatography A</i> , 2014, 1334, 44-54.	3.7	28
88	The Retro Diels-Alder Reaction as a Valuable Tool for The Synthesis of Heterocycles. <i>Current Organic Chemistry</i> , 2003, 7, 1423-1432.	1.6	28
89	Enzymatic Method for the Synthesis of Blockbuster Drug Intermediates – Synthesis of Five-Membered Cyclic $\hat{1}^3$ -Amino Acid and $\hat{1}^3$ -Lactam Enantiomers. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5263-5268.	2.4	27
90	A new strategy for the preparation of heterocyclic $\hat{1}^2$ -amino esters: orthogonally protected $\hat{1}^2$ -amino esters with a piperidine skeleton. <i>Tetrahedron Letters</i> , 2008, 49, 339-342.	1.4	27

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91	Simple access to pentacyclic oxazinoisoquinolines via an unexpected transformation of aminomethylnaphthols. <i>Tetrahedron Letters</i> , 2011, 52, 4440-4442.	1.4	27
92	Structural and temperature effects on enantiomer separations of bicyclo[2.2.2]octane-based 3-amino-2-carboxylic acids on cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 130-139.	2.8	27
93	Heterogeneous Dipeptide-Catalyzed $\alpha$ -Amination of Aldehydes in a Continuous-Flow Reactor: Effect of Residence Time on Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3671-3680.	4.3	27
94	Stereocontrolled One-Step Synthesis of Difunctionalised Cispentacin Derivatives through Ring-Opening Metathesis of Norbornene $\beta$ -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1283-1289.	2.4	27
95	Recent advances in the stereoselective syntheses of acyclic disubstituted $\beta$ , $\gamma$ -amino acids. <i>Tetrahedron</i> , 2015, 71, 2049-2069.	1.9	27
96	The Antioxidant, Anti-Inflammatory, and Neuroprotective Properties of the Synthetic Chalcone Derivative AN07. <i>Molecules</i> , 2020, 25, 2907.	3.8	27
97	A new strategy for the regio- and stereoselective hydroxylation of trans-2-aminocyclohexanecarboxylic acid. <i>Tetrahedron Letters</i> , 2006, 47, 2855-2858.	1.4	26
98	Lipase-catalyzed kinetic and dynamic kinetic resolution of 1,2,3,4-tetrahydroisoquinoline-1-carboxylic acid. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1428-1433.	1.8	26
99	Stereoselective Synthesis and Modelling-Driven Optimisation of Carane-Based Aminodiols and 1,3-Oxazines as Catalysts for the Enantioselective Addition of Diethylzinc to Benzaldehyde. <i>Chemistry - A European Journal</i> , 2016, 22, 7163-7173.	3.3	26
100	Selective Synthesis of Fluorine-Containing Cyclic $\beta$ -Amino Acid Scaffolds. <i>Chemical Record</i> , 2018, 18, 266-281.	5.8	26
101	The Opposite Effects of Kynurenic Acid and Different Kynurenic Acid Analogs on Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ) Production and Tumor Necrosis Factor-Stimulated Gene-6 (TSG-6) Expression. <i>Frontiers in Immunology</i> , 2019, 10, 1406.	4.8	26
102	Stereochemical Studies, 106. "Saturated Heterocycles, 110 Synthesis of Methylene-bridged Partially Saturated Quinazolones. <i>Chemische Berichte</i> , 1987, 120, 259-264.	0.2	25
103	Substituent Effects in the Ring-Chain Tautomerism of 1-Alkyl-3-arylnaphth[1,2-e][1,3]oxazines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4664-4669.	2.4	25
104	Stereoselective syntheses and transformations of chiral 1,3-aminoalcohols and 1,3-diols derived from nopinone. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1138-1145.	1.8	25
105	Kynurenic Acid Inhibits the Electrical Stimulation Induced Elevated Pituitary Adenylate Cyclase-Activating Polypeptide Expression in the TNC. <i>Frontiers in Neurology</i> , 2017, 8, 745.	2.4	25
106	Stereochemical studies"75. <i>Tetrahedron</i> , 1984, 40, 3587-3593.	1.9	24
107	Synthesis of conformationally restricted 1,2,3-triazole-substituted ethyl $\beta$ - and $\gamma$ -aminocyclopentanecarboxylate stereoisomers. Multifunctionalized alicyclic amino esters. <i>Tetrahedron</i> , 2010, 66, 3599-3607.	1.9	24
108	A novel kynurenic acid analog (SZR104) inhibits pentylenetetrazole-induced epileptiform seizures. An electrophysiological study. <i>Journal of Neural Transmission</i> , 2012, 119, 151-154.	2.8	24

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109	Continuous-flow enzymatic resolution strategy for the acylation of amino alcohols with a remote stereogenic centre: synthesis of calycotomine enantiomers. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 202-206.	1.8	24
110	Continuous-flow oxidative homocouplings without auxiliary substances: Exploiting a solid base catalyst. <i>Journal of Catalysis</i> , 2017, 348, 90-99.	6.2	24
111	Synthesis of chiral 1,5-disubstituted pyrrolidinones via electrophile-induced cyclization of 2-(3-butenyl)oxazolines derived from (1R,2S)- and (1S,2R)-norephedrine. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2857-2863.	1.8	23
112	Stereoselective synthesis of pinane-type tridentate aminodiols and their application in the enantioselective addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 144-150.	1.8	23
113	Application of Cinchona alkaloid-based zwitterionic chiral stationary phases in supercritical fluid chromatography for the enantioseparation of N <sub>1</sub> -protected proteinogenic amino acids. <i>Journal of Chromatography A</i> , 2015, 1415, 134-145.	3.7	23
114	Exploring New Parameter Spaces for the Oxidative Homocoupling of Aniline Derivatives: Sustainable Synthesis of Azobenzenes in a Flow System. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3388-3397.	6.7	23
115	Surface-Improved Asymmetric Michael Addition Catalyzed by Amino Acids Adsorbed on Laponite. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1992-2004.	4.3	23
116	Directed (R)- or (S)-selective Dynamic Kinetic Enzymatic Hydrolysis of 1,2,3,4-tetrahydroisoquinoline-1-carboxylic Esters. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5269-5276.	2.4	22
117	Functional linkage of Na + Ca <sup>2+</sup> exchanger to sarco/endoplasmic reticulum Ca <sup>2+</sup> pump in coronary artery: comparison of smooth muscle and endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1775-1783.	3.6	22
118	New Enzymatic Two-Step Cascade Reaction for the Preparation of a Key Intermediate for the Taxol Side Chain. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3074-3079.	2.4	22
119	Behavioural studies with a newly developed neuroprotective KYNA-amide. <i>Journal of Neural Transmission</i> , 2012, 119, 165-172.	2.8	22
120	A Selective Synthesis of Fluorinated Cispentacin Derivatives. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4070-4076.	2.4	22
121	Stereocontrolled Synthesis of Difunctionalized Azetidiones and <sup>2,3</sup> -Amino Acid Derivatives from Cyclodienes by Ring-Opening and Cross-Metathesis Reactions. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1155-1159.	2.7	22
122	A layered double hydroxide, a synthetically useful heterogeneous catalyst for azide-alkyne cycloadditions in a continuous-flow reactor. <i>Applied Catalysis A: General</i> , 2015, 501, 63-73.	4.3	22
123	Continuous-Flow Synthesis of Deuterium-Labeled Antidiabetic Chalcones: Studies towards the Selective Deuteration of the Alkynone Core. <i>Molecules</i> , 2016, 21, 318.	3.8	22
124	Synthesis and conformational analysis of tetrahydroisoquinoline- and piperidine-fused 1,3,4,2-oxadiazaphosphinanes, new ring systems. <i>Tetrahedron</i> , 2006, 62, 2883-2891.	1.9	21
125	Stereoselective synthesis of pinane-based <sup>2</sup> - and <sup>3</sup> -amino acids via conjugate addition of lithium amides and nitromethane. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2498-2504.	1.8	21
126	Highly selective deuteration of pharmaceutically relevant nitrogen-containing heterocycles: a flow chemistry approach. <i>Molecular Diversity</i> , 2011, 15, 605-611.	3.9	21

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