

Dieter Seebach

List of Publications by Year in Descending Order

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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.

470
papers

34,677
citations

90
h-index

161
g-index

489
ext. papers

36,646
ext. citations

3.5
avg. IF

7.19
L-index

#	Paper	IF	Citations
470	Structures and function of the amino acid polymerase cyanophycin synthetase. <i>Nature Chemical Biology</i> , 2021 , 17, 1101-1110	11.7	3
469	A simple and efficient transfection protocol for using Polyethylenimine (PEI) and Octaarginine. <i>Parasitology</i> , 2020 , 147, 1065-1070	2.7	0
468	Preparation of Enantiomerically Pure Compounds Employing Anodic Oxidations of Carboxylic Acids [A Late Review of Research Done in the 1980ies. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1900072	2	4
467	Syntheses of Cyanophycin Segments for Investigations of Cell-Penetration. <i>Synthesis</i> , 2019 , 51, 31-39	2.9	5
466	Labeling and Protecting N-Terminal Protein Positions by α -Peptidyl Aminopeptidase-Catalyzed Attachment of α -Amino-Acid Residues α -Insulin as a First Example. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1700259	2	1
465	Cell Penetration, Herbicidal Activity, and -Toxicity of Oligo-Arginine Derivatives and of Novel Guanidinium-Rich Compounds Derived from the Biopolymer Cyanophycin. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1800112	2	7
464	Influence of the Membrane Dye R18 and of DMSO on Cell Penetration of Guanidinium-Rich Peptides. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800302	2.5	7
463	Rigorous Conformational Analysis of Pyrrolidine Enamines with Relevance to Organocatalysis. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700182	2	17
462	What I Have Learned from Jack Dunitz. <i>Israel Journal of Chemistry</i> , 2017 , 57, 55-65	3.4	3
461	Visible-Light Microscopic Discovery of Up to 150 μ m Long Helical Amyloid Fibrils Built of the Dodecapeptide H-(Val-Ala-Leu)-OH and of Decapeptides Derived from Insulin. <i>Chemistry and Biodiversity</i> , 2016 , 13, 1111-1117	2.5	5
460	Scalable Enantioselective Synthesis of Fmoc- β -Serine and Fmoc- β -Threonine by an Organocatalytic Mannich Reaction. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4883-4891	3.2	3
459	Interaction of α (3) / α (2) -peptides, consisting of Val-Ala-Leu segments, with POPC giant unilamellar vesicles (GUVs) and white blood cancer cells (U937)--a new type of cell-penetrating peptides, and a surprising chain-length dependence of their vesicle- and cell-lysing activity. <i>Chemistry and Biodiversity</i> , 2015 , 12, 697-732	2.5	13
458	Antibacterial activity of enrofloxacin and ciprofloxacin derivatives of α -octaarginine. <i>Chemistry and Biodiversity</i> , 2015 , 12, 179-93	2.5	16
457	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	2	9
456	Preparation and Structures of 2-Substituted 5-Benzyl-3-methylimidazolidin-4-one-Derived Iminium Salts, Reactive Intermediates in Organocatalytic Transformations Involving β -Unsaturated Aldehydes. <i>Helvetica Chimica Acta</i> , 2014 , 97, 751-796	2	14
455	Solving the structures of light-atom compounds with powder charge flipping. <i>Journal of Applied Crystallography</i> , 2014 , 47, 1569-1576	3.8	3
454	Joy and frustration with organofluorine compounds - a fluorous autobiography. <i>Chimia</i> , 2014 , 68, 348-551.3		3

453	Structure-based evolution of subtype-selective neurotensin receptor ligands. <i>ChemistryOpen</i> , 2014 , 3, 206-18	2.3	8
452	A theoretical and experimental study of the effects of silyl substituents in enantioselective reactions catalyzed by diphenylprolinol silyl ether. <i>Chemistry - A European Journal</i> , 2014 , 20, 17077-88	4.8	45
451	Reversal of the Stereochemical Course of 1-Methyl-1H-indole Addition to Cinnamaldehyde with cis-5-Benzyl-(2-fluoromethyl)-2,3-dimethylimidazolidin-4-ones as Catalysts [A Puzzling Fluorine Effect] <i>Helvetica Chimica Acta</i> , 2013 , 96, 1815-1821	2	8
450	Permeation through phospholipid bilayers, skin-cell penetration, plasma stability, and CD spectra of [B]and [C]-oligoproline derivatives. <i>Chemistry and Biodiversity</i> , 2013 , 10, 1-38	2.5	24
449	Stoichiometric Reactions of Enamines Derived from Diphenylprolinol Silyl Ethers with Nitro Olefins and Lessons for the Corresponding Organocatalytic Conversions [A Survey]. <i>Helvetica Chimica Acta</i> , 2013 , 96, 799-852	2	63
448	Improved efficacy of fosmidomycin against Plasmodium and Mycobacterium species by combination with the cell-penetrating peptide octaarginine. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4689-98	5.9	43
447	Enantiomeric and diastereoisomeric (mixed) L/ D-octaarginine derivatives - a simple way of modulating the properties of cell-penetrating peptides. <i>Chemistry and Biodiversity</i> , 2013 , 10, 1165-84	2.5	22
446	Syntheses, receptor bindings, in vitro and in vivo stabilities and biodistributions of DOTA-neurotensin(8-13) derivatives containing [C]amino acid residues - a lesson about the importance of animal experiments. <i>Chemistry and Biodiversity</i> , 2013 , 10, 2101-21	2.5	19
445	Helical content of a [C](3)-octapeptide in methanol: molecular dynamics simulations explain a seeming discrepancy between conclusions derived from CD and NMR data. <i>Chemistry - A European Journal</i> , 2012 , 18, 586-93	4.8	14
444	Crystal structures of BapA complexes with [C]lactam-derived inhibitors illustrate substrate specificity and enantioselectivity of [C]aminopeptidases. <i>ChemBioChem</i> , 2012 , 13, 2137-45	3.8	5
443	Preparation and Characterization of New C2- and C1-Symmetric Nitrogen, Oxygen, Phosphorous, and Sulfur Derivatives and Analogs of TADDOL. Part I. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1239-1272	2	12
442	Preparation and Characterization of New C2- and C1-Symmetric Nitrogen, Oxygen, Phosphorous, and Sulfur Derivatives and Analogs of TADDOL. Part II. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1273-1302	2	12
441	Preparation and Characterization of New C2- and C1-Symmetric Nitrogen, Oxygen, Phosphorous, and Sulfur Derivatives and Analogs of TADDOL. Part III. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1303-1324	2	23
440	Autoproteolytic and catalytic mechanisms for the [C]aminopeptidase BapA--a member of the Ntn hydrolase family. <i>Structure</i> , 2012 , 20, 1850-60	5.2	9
439	1,2-Oxazine N-Oxides as Catalyst Resting States in Michael Additions of Aldehydes to Nitro Olefins Organocatalyzed by [B]Diphenylprolinol Trimethylsilyl Ether. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1064-1078	2	52
438	Probing the interactions of an acyl carrier protein domain from the 6-deoxyerythronolide B synthase. <i>Protein Science</i> , 2011 , 20, 1244-55	6.3	42
437	Preparation of the [C]-Homoselenocysteine Derivatives Fmoc-(S)-[C]hSec(PMB)-OH and Boc-(S)-[C]hSec(PMB)-OH for Solution and Solid-Phase Peptide Synthesis. <i>Helvetica Chimica Acta</i> , 2011 , 94, 1-17	2	4
436	Note: Helix or No Helix of [C]-Peptides Containing [C]hAla([B]) Residues?. <i>Helvetica Chimica Acta</i> , 2011 , 94, 355-361	2	23

435	Organocatalyzed Michael Addition of Aldehydes to Nitro Alkenes [Generally Accepted Mechanism Revisited and Revised. <i>Helvetica Chimica Acta</i> , 2011 , 94, 719-745	2	173
434	Stereoselective Preparation of 3-Amino-2-fluoro Carboxylic Acid Derivatives, and Their Incorporation in Tetrahydropyrimidin-4(1H)-ones, and in Open-Chain and Cyclic α -Peptides. <i>Helvetica Chimica Acta</i> , 2011 , 94, 1908-1942	2	25
433	Erzeugung sekundärer, tertiärer und quartärer Zentren durch geminale Disubstitution von Carbonyl-Sauerstoffatomen. <i>Angewandte Chemie</i> , 2011 , 123, 99-105	3.6	40
432	Generation of secondary, tertiary, and quaternary centers by geminal disubstitution of carbonyl oxygens. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 96-101	16.4	107
431	On the mechanism of eukaryotic cell penetration by β - and γ -oligoarginines--targeting infected erythrocytes. <i>Chemistry and Biodiversity</i> , 2011 , 8, 1-12	2.5	25
430	On the terminal homologation of physiologically active peptides as a means of increasing stability in human serum--neurotensin, opiorphin, B27-KK10 epitope, NPY. <i>Chemistry and Biodiversity</i> , 2011 , 8, 711-39	2.5	23
429	Reaction of Fe ₃ (CO) ₁₂ with octreotide--chemical, electrochemical and biological investigations. <i>Dalton Transactions</i> , 2010 , 39, 3065-71	4.3	12
428	Experimental and Theoretical Conformational Analysis of 5-Benzylimidazolidin-4-one Derivatives [a Playground] For Studying Dispersion Interactions and a [Windshield-Wiper] Effect in Organocatalysis. <i>Helvetica Chimica Acta</i> , 2010 , 93, 1-16	2	57
427	Applications of the Chiral Auxiliaries DIOZ and TRIOZ for Conjugate Additions and Comparison with Other Auxiliaries. <i>Helvetica Chimica Acta</i> , 2010 , 93, 90-110	2	15
426	Stereochemical Models for Discussing Additions to α,β -Unsaturated Aldehydes Organocatalyzed by Diarylprolinol or Imidazolidinone Derivatives [Is There an (E)/(Z)-Dilemma? <i>Helvetica Chimica Acta</i> , 2010 , 93, 603-634	2	84
425	Kinetic Analysis of L-Carnosine Formation by α -Aminoamidases. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 407-415	5.6	19
424	Beta-aminoamidase-catalyzed biotransformations of beta(2)-dipeptides: kinetic resolution and enzymatic coupling. <i>ChemBioChem</i> , 2010 , 11, 1129-36	3.8	16
423	Enantioselective Preparation of α,β -Amino Acid Derivatives for α -Peptide Synthesis. <i>Synthesis</i> , 2009 , 2009, 1-32	2.9	124
422	Inversion of the configuration of a single stereocenter in a beta-heptapeptide leads to drastic changes in its interaction with phospholipid bilayers. <i>ChemBioChem</i> , 2009 , 10, 1978-81	3.8	12
421	Kinetic resolution of aliphatic beta-amino acid amides by beta-aminoamidases. <i>ChemBioChem</i> , 2009 , 10, 1558-61	3.8	37
420	5-Benzyl-3-methylimidazolidin-4-one-Derived Reactive Intermediates of Organocatalysis [A Comforting Resemblance of X-Ray, NMR, and DFT Solid-Phase, Liquid-Phase, and Gas-Phase Structures. <i>Helvetica Chimica Acta</i> , 2009 , 92, 1-13	2	73
419	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. <i>Helvetica Chimica Acta</i> , 2009 , 92, 1225-1259	2	148
418	Preparation of N-Fmoc-Protected (S)-5-Amino-4,4-difluoro-7-methyloctanoic Acid, a Possible Dipeptide Isostere. <i>Helvetica Chimica Acta</i> , 2009 , 92, 1720-1728	2	4

417	NMR-Solution Structures and Affinities for the Human Somatostatin G-Protein-Coupled Receptors hsst1B of CF3 Derivatives of Sandostatin (Octreotide). <i>Helvetica Chimica Acta</i> , 2009 , 92, 2577-2586	2	24
416	Synthesis and High-Resolution NMR Structure of a β -Octapeptide with and without a Tether Introduced by Olefin Metathesis. <i>Helvetica Chimica Acta</i> , 2009 , 92, 2643-2658	2	17
415	β -Peptide Conjugates: Syntheses and CD and NMR Investigations of β/α -Chimeric Peptides, of a DPA- β -Decapeptide, and of a PEGylated β -Heptapeptide. <i>Helvetica Chimica Acta</i> , 2009 , 92, 2698-2721	2	9
414	Polymer-Rückgrat-Konformation Eine schwierige Aufgabe für Datenbank-Suchaktionen. <i>Angewandte Chemie</i> , 2009 , 121, 9774-9776	3.6	3
413	Polymer backbone conformation—a challenging task for database information retrieval. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9596-8	16.4	5
412	Beta-peptidic peptidomimetics. <i>Accounts of Chemical Research</i> , 2008 , 41, 1366-75	24.3	592
411	Artificial chemokines: combining chemistry and molecular biology for the elucidation of interleukin-8 functionality. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15311-7	16.4	70
410	New Open-Chain and Cyclic Tetrapeptides, Consisting of β/α - and β -Amino-Acid Residues, as Somatostatin Mimics A Survey. <i>Helvetica Chimica Acta</i> , 2008 , 91, 1736-1786	2	50
409	Isolation and X-Ray Structures of Reactive Intermediates of Organocatalysis with Diphenylprolinol Ethers and with Imidazolidinones. <i>Helvetica Chimica Acta</i> , 2008 , 91, 1999-2034	2	153
408	Electrophilic S-Trifluoromethylation of Cysteine Side Chains in β and α -Peptides: Isolation of Trifluoro-methylated Sandostatin (Octreotide) Derivatives. <i>Helvetica Chimica Acta</i> , 2008 , 91, 2035-2056	2	80
407	pH-sensitive vesicles containing a lipidic beta-amino acid with two hydrophobic chains. <i>Chemistry and Biodiversity</i> , 2008 , 5, 16-30	2.5	13
406	The enantiomer of octreotate binds to all five somatostatin receptors with almost equal micromolar affinity—a comparison with SANDOSTATIN. <i>Chemistry and Biodiversity</i> , 2008 , 5, 1213-24	2.5	7
405	Solution structures of beta peptides from Raman optical activity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6392-4	16.4	38
404	Solution Structures of β -Peptides from Raman Optical Activity. <i>Angewandte Chemie</i> , 2008 , 120, 6492-6494	4.6	18
403	Benzyl Isopropoxymethyl Carbamate An Aminomethylating Reagent for Mannich Reactions of Titanium Enolates 2008 , 287-294		1
402	(R)-2-(Benzyloxycarbonylamino-Methyl)-3-Phenylpropanoic Acid (Z- β -hPHE-OH): Preparation of a β -Amino Acid with the Auxiliary Diox 2008 , 295-306		
401	Beta- and gamma-di- and tripeptides as potential substrates for the oligopeptide transporter hPepT1. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 5238-42	8.3	4
400	ADME investigations of unnatural peptides: distribution of a ¹⁴ C-labeled beta 3-octaarginine in rats. <i>Chemistry and Biodiversity</i> , 2007 , 4, 1413-37	2.5	29

399	Enzyme-catalyzed formation of beta-peptides: beta-peptidyl aminopeptidases BapA and DmpA acting as beta-peptide-synthesizing enzymes. <i>Chemistry and Biodiversity</i> , 2007 , 4, 2016-30	2.5	35
398	Are Oxazolidinones Really Unproductive, Parasitic Species in Proline Catalysis? Thoughts and Experiments Pointing to an Alternative View. <i>Helvetica Chimica Acta</i> , 2007 , 90, 425-471	2	211
397	Preparation of the β -Homoselenocysteine Derivatives Fmoc- β HSec(PMB)-OH and Boc- β HSec(PMB)-OH for Solution and Solid-Phase-Peptide Synthesis and Selenoligation. <i>Helvetica Chimica Acta</i> , 2007 , 90, 1651-1666	2	9
396	NMR-Solution Structures of Fluoro-Substituted α -Peptides: A 3_{14} -Helix and a Hairpin Turn. The First Case of a 90° O=C?C?F Dihedral Angle in an β -Fluoro-Amide Group. <i>Helvetica Chimica Acta</i> , 2007 , 90, 2251-2273	2	52
395	Imaging of a beta-peptide distribution in whole-body mice sections by MALDI mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007 , 18, 1921-4	3.5	78
394	Permeation of a beta-heptapeptide derivative across phospholipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 2726-36	3.8	44
393	Synthesis, characterization, and folding behavior of beta-amino acid derived polyisocyanides. <i>Chemistry - A European Journal</i> , 2006 , 12, 2778-86	4.8	26
392	Helices and other secondary structures of beta- and gamma-peptides. <i>Biopolymers</i> , 2006 , 84, 23-37	2.2	297
391	Comparison of permeation through phosphatidylcholine bilayers of N-dipicolinyl-alpha- and -beta-oligopeptides. <i>Chemistry and Biodiversity</i> , 2006 , 3, 1181-201	2.5	11
390	Enzymatic degradation of beta- and mixed alpha,beta-oligopeptides. <i>Chemistry and Biodiversity</i> , 2006 , 3, 1325-48	2.5	48
389	Microreactor synthesis of beta-peptides. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7000-3	16.4	86
388	α -Peptidic Secondary Structures Fortified and Enforced by Zn ²⁺ Complexation [On the Way to α -Peptidic Zinc Fingers?]. <i>Helvetica Chimica Acta</i> , 2006 , 89, 361-403	2	24
387	Synthesis of β -Homophenylalanine-Derived Amino Acids and Peptides by Suzuki Coupling in Solution and on Solid Support. <i>Helvetica Chimica Acta</i> , 2006 , 89, 1427-1441	2	8
386	Synthesis, and Helix or Hairpin-Turn Secondary Structures of Mixed α/β -Peptides Consisting of Residues with Proteinogenic Side Chains and of 2-Amino-2-methylpropanoic Acid (Aib). <i>Helvetica Chimica Acta</i> , 2006 , 89, 1801-1825	2	55
385	Investigation of the Interactions of α -Peptides with DNA Duplexes by Circular Dichroism Spectroscopy. <i>Helvetica Chimica Acta</i> , 2006 , 89, 3087-3103	2	14
384	Selective Acylations of Multifunctional Nucleophiles, Including Carbohydrates and Nucleosides, with Intermediates Generated by Wolff Rearrangement of Amino Acid Derived Diazo Ketones: Preparation of α -Amino Acid Derivatives. <i>Liebigs Annalen</i> , 2006 , 1996, 1121-1129		8
383	Preparation of 12- and 16-Membered Macrolactones (Oligolides) from (S)-Malic Acid [Low Molecular-Mass Analogs of the Biopolymer Poly[(S)-Malic Acid] (PMA). <i>Liebigs Annalen</i> , 2006 , 1996, 1277-1282		4
382	Lithiiertes N-Pivaloyl-tetrahydroisochinolin [ein Supernucleophil. <i>Angewandte Chemie</i> , 2006 , 93, 125-126	3.6	10

381	Spezifikation des sterischen Verlaufs von asymmetrischen Synthesen. <i>Angewandte Chemie</i> , 2006 , 94, 696-702	3.6	180
380	Synthese von β -Peptiden im Mikroreaktor. <i>Angewandte Chemie</i> , 2006 , 118, 7157-7160	3.6	25
379	Interaction of alpha-and beta-oligoarginine-acids and amides with anionic lipid vesicles: a mechanistic and thermodynamic study. <i>Biochemistry</i> , 2006 , 45, 5817-29	3.2	68
378	Bacterial beta-peptidyl aminopeptidases with unique substrate specificities for beta-oligopeptides and mixed beta,alpha-oligopeptides. <i>FEBS Journal</i> , 2006 , 273, 5261-72	5.7	39
377	β -Peptidic Secondary Structures Fortified and Enforced by Zn ²⁺ Complexation [On the Way to β -Peptidic Zinc Fingers?]. <i>Helvetica Chimica Acta</i> , 2006 , 89, 361-403	2	23
376	The Effect of Backbone-Heteroatom Substitution on the Folding of Peptides [A Single Fluorine Substituent Prevents a β -Heptapeptide from Folding into a 314-Helix (NMR Analysis)]. <i>Helvetica Chimica Acta</i> , 2005 , 88, 266-280	2	53
375	NMR-Solution Structures in Methanol of an β -Heptapeptide, of a β / β -Nonapeptide, and of an all- β -Icosapeptide Carrying the 20 Proteinogenic Side Chains. <i>Helvetica Chimica Acta</i> , 2005 , 88, 1969-1982	2.2	32
374	Preparation of β -Amino Acid Derivatives (β -hThr, β -hTrp, β -hMet, β -hPro, β -hLys, Pyrrolidine-3-carboxylic Acid) by Using DIOZ as Chiral Auxiliary. <i>Helvetica Chimica Acta</i> , 2005 , 88, 2235-2250		26
373	Exploring the antibacterial and hemolytic activity of shorter- and longer-chain beta-, alpha,beta-, and gamma-peptides, and of beta-peptides from beta2-3-aza- and beta3-2-methylidene-amino acids bearing proteinogenic side chains--a survey. <i>Chemistry and Biodiversity</i> , 2005 , 2, 401-20	2.5	59
372	The proteolytic stability of 'designed' beta-peptides containing alpha-peptide-bond mimics and of mixed alpha,beta-peptides: application to the construction of MHC-binding peptides. <i>Chemistry and Biodiversity</i> , 2005 , 2, 591-632	2.5	96
371	N-linked glycosylated beta-peptides are resistant to degradation by glycoamidase A. <i>Chemistry and Biodiversity</i> , 2005 , 2, 1624-34	2.5	21
370	Bacterial cell penetration by beta3-oligohomoarginines: indications for passive transfer through the lipid bilayer. <i>ChemBioChem</i> , 2005 , 6, 982-5	3.8	37
369	On the influence of charged side chains on the folding-unfolding equilibrium of beta-peptides: a molecular dynamics simulation study. <i>Chemistry - A European Journal</i> , 2005 , 11, 7276-93	4.8	23
368	The World of β - and β -Peptides Comprised of Homologated Proteinogenic Amino Acids and Other Components. <i>ChemInform</i> , 2005 , 36, no		1
367	A novel beta-peptidyl aminopeptidase (BapA) from strain 3-2W4 cleaves peptide bonds of synthetic beta-tri- and beta-dipeptides. <i>Journal of Bacteriology</i> , 2005 , 187, 5910-7	3.5	36
366	How we drifted into peptide chemistry and where we have arrived at. <i>Tetrahedron</i> , 2004 , 60, 7455-7506	2.4	104
365	Chemical and biological investigations of beta-oligoarginines. <i>Chemistry and Biodiversity</i> , 2004 , 1, 65-97	2.5	65
364	The world of beta- and gamma-peptides comprised of homologated proteinogenic amino acids and other components. <i>Chemistry and Biodiversity</i> , 2004 , 1, 1111-239	2.5	824

363	Comparative metabolism of alpha- and beta-peptides in the insect <i>Heliothis virescens</i> and in plant cells of black Mexican sweet maize. <i>Chemistry and Biodiversity</i> , 2004 , 1, 1391-400	2.5	19
362	Pharmacokinetic investigation of a ¹⁴ C-labelled beta 3/alpha tetrapeptide in rats. <i>Chemistry and Biodiversity</i> , 2004 , 1, 1812-28	2.5	36
361	Beta2-amino acids-syntheses, occurrence in natural products, and components of beta-peptides ^{1,2} . <i>Biopolymers</i> , 2004 , 76, 206-43	2.2	274
360	Enantioselective Preparation of α -Amino Acids with Aspartate, Glutamate, Asparagine, and Glutamine Side Chains. <i>Helvetica Chimica Acta</i> , 2004 , 87, 1545-1560	2	12
359	On the Structure of PHB (=Poly[(R)-3-hydroxybutanoic Acid]) in Phospholipid Bilayers: Preparation of Trifluoromethyl-Labeled Oligo[(R)-3-hydroxybutanoic Acid] Derivatives. <i>Helvetica Chimica Acta</i> , 2004 , 87, 2473-2486	2	4
358	Do Valine Side Chains Have an Influence on the Folding Behavior of α -Substituted α -Peptides?. <i>Helvetica Chimica Acta</i> , 2004 , 87, 2487-2506	2	38
357	Preparation of Protected α - and β -Homocysteine, α - and β -Homohistidine, and α -Homoserine for Solid-Phase Syntheses. <i>Helvetica Chimica Acta</i> , 2004 , 87, 3131-3159	2	27
356	Probing the proteolytic stability of beta-peptides containing alpha-fluoro- and alpha-hydroxy-beta-amino acids. <i>ChemBioChem</i> , 2004 , 5, 691-706	3.8	119
355	Design, synthesis and structural investigations of a beta-peptide forming a 314-helix stabilized by electrostatic interactions. <i>Chemistry - A European Journal</i> , 2004 , 10, 1607-15	4.8	44
354	Synthesis and Spectroscopic Characterization of α -Di-, α -Tri-, and α -Hexapeptides Built with (S)-2-Methylene-3-aminoalkanoic Acids Derived from Alanine, Valine, and Leucine. <i>Australian Journal of Chemistry</i> , 2004 , 57, 859	1.2	8
353	Nucleophilic addition to an achiral dehydroalanine Schiff base Ni(II) complex as a route to amino acids. A case of stereodetermining asymmetric protonation in the presence of TADDOL. <i>Arkivoc</i> , 2004 , 2004, 132-150	0.9	29
352	Beta(2)/beta(3)-di- and alpha/beta(3)-tetrapeptide derivatives as potent agonists at somatostatin sst(4) receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 367, 95-103	3.4	45
351	Circular dichroism spectra of beta-peptides: sensitivity to molecular structure and effects of motional averaging. <i>European Biophysics Journal</i> , 2003 , 32, 661-70	1.9	52
350	Enantioselective Preparation of 2-Aminomethyl Carboxylic Acid Derivatives: Solving the α -Amino Acid Problem with the Chiral Auxiliary 4-Isopropyl-5,5-diphenyloxazolidin-2-one (DIOZ). Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2003 , 86, 1852-1861	2	43
349	Synthesis and CD Spectra of Fluoro- and Hydroxy-Substituted α -Peptides. <i>Helvetica Chimica Acta</i> , 2003 , 86, 1862-1870	2	31
348	Solid-Phase Synthesis of a β -Icosapeptide Containing the Homologs of the Twenty Common Proteinaceous Amino Acids. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2003 , 86, 2098-2103	2	12
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115	Titanat-katalysierte enantioselektive Addition von in situ aus Grignard-Reagentien in Ether erzeugten Alkylzinkverbindungen an Aldehyde. <i>Angewandte Chemie</i> , 1991 , 103, 991-992	3.6	46
114	2,2-Dimethyl-4,4-tetra(naphth-2-yl)-1,3-dioxolan-4,5-dimethanol (DINOL) für die Titanat-vermittelte, enantioselektive Addition von Diethylzink an Aldehyde. <i>Angewandte Chemie</i> , 1991 , 103, 1383-1385	3.6	55
113	Benzyl (R)- and (S)-2-tert-butyl-5-oxo-oxazolidine-3-carboxylate for convenient preparation of D- and L-threonine analogs from aldehydes. <i>Liebigs Annalen Der Chemie</i> , 1991 , 1991, 1067-1078		39
112	Preparation of (R)- and (S)-2-alkyl-2-amino-3-(methylamino)propanoic and other 2,3-diaminoalkanoic acid derivatives from a chiral imidazoline. <i>Liebigs Annalen Der Chemie</i> , 1991 , 1991, 1323-1336		30

111	Reaktionen von Dienolaten des (R)-2-tert-Butyl-6-methyl-4H-1,3-dioxin-4-ons mit Aldehyden und Ketonen in chirales Acetessigeste-d4-Reagens. <i>Chemische Berichte</i> , 1991 , 124, 1845-1852		24
110	Aldol- und Michael-Additionen fluorierter Nitroalkane an Aldehyde, Ketone und ungesättigte Carbonylverbindungen ^{1,2} . <i>Chemische Berichte</i> , 1991 , 124, 2897-2911		46
109	A stereoselective synthesis of MeBmt employing a new chiral glycine enolate derivative. <i>Journal of Organic Chemistry</i> , 1991 , 56, 6230-6233	4.2	30
108	Pyramidalization and reactivity of trigonal centers. X-ray crystal structure analysis of two silyl enol ethers from 1-benzoyl- and 1-(methoxycarbonyl)-2-tert-butyl-3,5-dimethyl-4-imidazolidinone (reagents for amino acid synthesis). <i>Journal of the American Chemical Society</i> , 1991 , 113, 1781-1786	16.4	47
107	Asymmetric synthesis of .beta.-amino acids. 1. Highly diastereoselective addition of a racemic .beta.-alanine enolate derivative to electrophiles. <i>Journal of Organic Chemistry</i> , 1991 , 56, 2553-2557	4.2	70
106	Organic Synthesis—Where now?. <i>Angewandte Chemie International Edition in English</i> , 1990 , 29, 1320-1367		436
105	Organische Synthese—Wohin?. <i>Angewandte Chemie</i> , 1990 , 102, 1363-1409	3.6	155
104	Stereoselective hydroxyalkylations of (S)-2-azetidincarboxylic acid. <i>Liebigs Annalen Der Chemie</i> , 1990 , 1990, 687-695		26
103	(E,R,R)-5-Alkyliden-2-tert-butyl-6-methyl-1,3-dioxan-4-one: Herstellung aus (R)-3-Hydroxybuttersäure, Cuprat-Additionen und Hydrolysen zu 3-Hydroxycarbonylsäuren mit chiralen sekundären Alkylgruppen in 2-Stellung. <i>Chemische Berichte</i> , 1990 , 123, 2413-2428		42
102	[3 + 3]-Carbocyclizations of nitroallylic esters and enamines with stereoselective formation of up to six new stereogenic centers. <i>Journal of the American Chemical Society</i> , 1990 , 112, 7625-7638	16.4	83
101	Elektrochemische Decarboxylierung von L.-Threonin- und Oligopeptid-Derivaten unter Bildung von N-Acyl-N, O-acetalen: Herstellung von Oligopeptiden mit Carboxamid- oder Phosphonat-C-Terminus. <i>Helvetica Chimica Acta</i> , 1989 , 72, 401-425	2	94
100	Solubilization of Peptides in Non-polar Organic Solvents by the Addition of Inorganic Salts: Facts and Implications. <i>Helvetica Chimica Acta</i> , 1989 , 72, 857-867	2	79
99	On the Macrolactonization of α -Hydroxy Acids. Crystal structures of the pentolide and the hexolide from (R)-3-hydroxybutanoic acid. Molecular modeling studies of the tetrolide. <i>Helvetica Chimica Acta</i> , 1989 , 72, 1704-1717	2	18
98	Synthesis of Nonproteinogenic (R)- or (S)-Amino Acids Analogues of Phenylalanine, Isotopically Labelled and Cyclic Amino Acids from tert-Butyl 2-(tert-Butyl)-3-methyl-4-oxo-1-imidazolidinecarboxylate (Boc-BMI). <i>Liebigs Annalen Der Chemie</i> , 1989 , 1989, 1215-1232		89
97	Das Dienolat von (R)-2-tert-Butyl-6-methyl-1,3-dioxin-4(2H)-on in chirales Acetessigeste-d4-Reagens. <i>Angewandte Chemie</i> , 1989 , 101, 484-485	3.6	16
96	Substitutionen und Additionen an (R)-2-tert-Butyl-4-1,3-oxazolin-3-carbonsäure-methylester. <i>Chemische Berichte</i> , 1989 , 122, 2365-2375		21
95	Cycloadditionen an die Doppelbindung von (R)-2-tert-Butyl-4-1,3-oxazolin-3-carbonsäure-methylestern. <i>Chemische Berichte</i> , 1989 , 122, 2377-2389		29
94	The Dienolate of (R)-2-tert-Butyl-6-methyl-1,3-dioxin-4(2H)-one—Chiral Acetoacetic Ester d4-Reagent. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 472-473		23

93	Reaktivität von (R)-2-tert-Butyldihydrooxazol-Derivaten aus Serin und Threonin [ueuartige und vielseitig einsetzbare chirale Synthesebausteine. <i>Angewandte Chemie</i> , 1988 , 100, 1398-1404	3.6	14
92	Struktur und Reaktivität von Lithiumenolaten, vom Pinakolon zur selektiven C-Alkylierung von Peptiden [Schwierigkeiten und Möglichkeiten durch komplexe Strukturen. <i>Angewandte Chemie</i> , 1988 , 100, 1685-1715	3.6	272
91	Structure and Reactivity of Lithium Enolates. From Pinacolone to Selective C-Alkylations of Peptides. Difficulties and Opportunities Afforded by Complex Structures. <i>Angewandte Chemie International Edition in English</i> , 1988 , 27, 1624-1654		672
90	High-Yield Synthesis of 20-, 24-, and 28-Membered Macropentolide, -hexolide, and -heptolide, Respectively, from (R)- or (S)-3-hydroxybutanoic acid under Yamaguchi's macrolactonization conditions. <i>Helvetica Chimica Acta</i> , 1988 , 71, 155-167	2	30
89	Alkylierung von α -Hydroxycarbonylen über 1,3-Dioxan-4-on-Enolate. <i>Helvetica Chimica Acta</i> , 1988 , 71, 1143-1155	2	30
88	Präparative chromatographische Enantiomerentrennung von synthetisch natürlichen cyclischen Acetalen. <i>Helvetica Chimica Acta</i> , 1988 , 71, 1303-1318	2	42
87	Diastereoselektive Alkylierung von 3-Aminobutansäure in der 2-Stellung. <i>Helvetica Chimica Acta</i> , 1988 , 71, 1824-1839	2	107
86	Resolution and use in amino acid synthesis of imidazolidinone glycine derivatives. <i>Tetrahedron</i> , 1988 , 44, 5277-5292	2.4	169
85	Cyclic nitronates from the diastereoselective addition of 1-trimethylsilyloxycyclohexene to nitroolefins. Starting materials for stereoselective Henry reactions and 1,3-dipolar cycloadditions. <i>Canadian Journal of Chemistry</i> , 1987 , 65, 836-850	0.9	63
84	Alkylation of α -aminobutanoates with 1k-1.2-induction. <i>Tetrahedron Letters</i> , 1987 , 28, 3103-3106	2	63
83	Addition of Chiral Glycine, Methionine, and Vinylglycine Enolate Derivatives to Aldehydes and Ketones in the Preparation of Enantiomerically Pure α -Amino- α -Hydroxy Acids. <i>Helvetica Chimica Acta</i> , 1987 , 70, 237-261	2	179
82	Elektrochemische Oxidation von (S)- β -falsäure-Derivaten: ein Weg zu enantiomerenreinen alkylierten Malonaldehydsäure-estern. <i>Helvetica Chimica Acta</i> , 1987 , 70, 292-298	2	20
81	Chirale Alkoxytitan(IV)-Komplexe für enantioselektive nucleophile Additionen an Aldehyde und als Lewis-Säuren in Diels-Alder-Reaktionen. <i>Helvetica Chimica Acta</i> , 1987 , 70, 954-974	2	238
80	Stereoselektive Alkylierung an C(α) von Serin, Glycerinsäure, Threonin und Weinsäure über heterocyclische Enolate mit exocyclischer Doppelbindung. <i>Helvetica Chimica Acta</i> , 1987 , 70, 1194-1216	2	147
79	Diastereoselektive Hydroxyalkylierungen in 1-Stellung von Tetrahydroisochinolinen und Synthese von Aporphin-, Protoberberin- und Phthalid-Alkaloide. <i>Helvetica Chimica Acta</i> , 1987 , 70, 1357-1379	2	45
78	Di- and Trifluoro-Substituted Dilithium Compounds for Organic Syntheses. <i>Angewandte Chemie International Edition in English</i> , 1986 , 25, 98-99		28
77	Enantiomer Separation of (R,S)-2-(tert-Butyl)-3-methyl-4-imidazolidinone, a Chiral Building Block for Amino Acid Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1986 , 25, 345-346		39
76	Preparation of Chiral Building Blocks from Amino Acids and Peptides via Electrolytic Decarboxylation and TiCl ₄ -Induced Aminoalkylation. <i>Angewandte Chemie International Edition in English</i> , 1986 , 25, 843-844		79

75	Di- und trifluorsubstituierte Dilithium-Verbindungen für die Organische Synthese. <i>Angewandte Chemie</i> , 1986 , 98, 96-97	3.6	19
74	Enantiomerentrennung von (R,S)-2-(tert-Butyl)-3-methyl-4-imidazolidinon, einem chiralen Baustein für die Aminosäuresynthese. <i>Angewandte Chemie</i> , 1986 , 98, 363-364	3.6	33
73	Herstellung chiraler Synthesebausteine aus Aminosäuren und Peptiden durch oxidative elektrolytische Decarboxylierung und TiCl ₄ -induzierte Umsetzung mit Nucleophilen. <i>Angewandte Chemie</i> , 1986 , 98, 836-838	3.6	35
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71	Methionin als Vorläufer zur enantioselektiven Synthese verzweigter Vinylglycine und anderer Aminosäuren. <i>Helvetica Chimica Acta</i> , 1986 , 69, 1365-1377	2	51
70	Enantiomerenreine Pyrrolidin-Derivate aus trans-4-Hydroxy-L-prolin durch elektrochemische oxidative Decarboxylierung und Titan-tetrachlorid-vermittelte Umsetzung mit Nucleophilen. <i>Helvetica Chimica Acta</i> , 1986 , 69, 1704-1710	2	81
69	Electrochemical Decarboxylation of Hydroxyproline: A Simple Three-Step Conversion of (2S,4R)-4-Hydroxyproline to (R)- α -Amino- α -hydroxybutanoic Acid (GABOB). <i>Synthesis</i> , 1986 , 1986, 424-426 ^{2,9}		46
68	On the steric course of addition of 1-lithio- and 1-magnesio-2-pivaloyl-1,2,3,4-tetrahydroisoquinoline to aldehydes and ketones. An x-ray crystal structure determination of the organomagnesium reagent. <i>Journal of Organometallic Chemistry</i> , 1985 , 285, 1-13	2.3	71
67	Crystal and molecular structure of a THF-solvated lithium amide enolate dimer. <i>Chemische Berichte</i> , 1985 , 118, 764-773		56
66	Enantioselektive Addition von Arylgruppen an aromatische Aldehyde mit Aryltitan-Binaphthol-Derivaten. <i>Chemische Berichte</i> , 1985 , 118, 3673-3682		79
65	Herstellung enantiomerenreiner cis- oder trans-konfigurierter 2-(tert-Butyl)-3-methylimidazolidin-4-one aus den Aminosäuren (S)-Alanin, (S)-Phenylalanin, (R)-Phenylglycin, (S)-Methionin und (S)-Valin. <i>Helvetica Chimica Acta</i> , 1985 , 68, 135-143	2	69
64	Alkylierung in der 2-Stellung von (2S, 4R)- 4-Hydroxyprolin unter Retention. <i>Helvetica Chimica Acta</i> , 1985 , 68, 155-161	2	40
63	Über den sterischen Verlauf der Umsetzung von Enaminen aus offenkettigen Aldehyden und Ketonen mit Nitroolefinen zu 2,3-disubstituierten 4-Nitroketonen. <i>Helvetica Chimica Acta</i> , 1985 , 68, 162-172		79
62	Tritylketone und Tritylenone. Beiträge zur sterisch erzwungenen Michael-Addition und zur diastereoselektiven Aldol-Addition. <i>Helvetica Chimica Acta</i> , 1985 , 68, 264-282	2	41
61	Reversed Stereochemical Course of the Michael Addition of Cyclohexanone to α -Nitrostyrenes by Using 1-(Trimethylsiloxy)cyclohexene/Dichloro(diisopropoxy)titanium. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1985 , 68, 319-324	2	53
60	Preparative Asymmetric Reduction of 3-Ketobutyrate and -valerate by Suspended Cells of Thermophilic Bacteria (<i>Thermoanaerobium Brockii</i>) in Ordinary Laboratory Equipment. <i>Helvetica Chimica Acta</i> , 1985 , 68, 958-960	2	37
59	N,O-Acetals from Pivalaldehyde and Amino Acids for the α -Alkylation with Self-Reproduction of the Center of Chirality. Enolates of 3-Benzoyl-2-(tert-butyl)-1,3-oxazolidin-5-ones. <i>Helvetica Chimica Acta</i> , 1985 , 68, 1243-1250	2	139
58	Über die Wechselwirkung zwischen Lithium-enolaten und sekundären Aminen in Lösung und im Kristall. <i>Helvetica Chimica Acta</i> , 1985 , 68, 1373-1393	2	175

57	Chirale Synthesebausteine durch Kolbe-Elektrolyse enantiomerenreiner α -Hydroxy-carbonsäurederivate. (R)- und (S)-Methyl- sowie (R)-Trifluormethyl- β -butyrolactone und -valerolactone. <i>Helvetica Chimica Acta</i> , 1985 , 68, 2342-2349	2	51
56	Total synthesis of (+)-11,11'-di-O-methylelaiophylidene, an aglycon of elaiophylin. <i>Journal of the American Chemical Society</i> , 1985 , 107, 5292-5293	16.4	62
55	Fluoro(phenylsufinyl)methylolithium. Note on the ^{13}C -NMR Spectrum of a Fluorocarbenoid. <i>Helvetica Chimica Acta</i> , 1984 , 67, 1100-1103	2	18
54	Diastereoselektive Synthese neuartiger Mannich-Basen mittels Titanderivaten, vorläufige Mitteilung. <i>Helvetica Chimica Acta</i> , 1984 , 67, 1593-1597	2	48
53	Hydroxyalkylierungen von Cystein über das Enolat von (2R,5R)-2-(tert-Butyl)-1-aza-3-oxa-7-thiabicyclo[3.3.0]octan-4-on und unter Selbstreproduktion des Ciralitätszentrums. <i>Helvetica Chimica Acta</i> , 1984 , 67, 1650-1661	2	50
52	Preparation by yeast reduction and determination of the sense of chirality of enantiomerically pure ethyl (1S,4,4,4-trichloro-3-hydroxy- and (+)-4,4,4-trifluoro-3-hydroxybutanoate. <i>Helvetica Chimica Acta</i> , 1984 , 67, 1843-1853	2	82
51	Diastereoselektive Hydroxyalkylierung der 1-Position von 2-Pivaloyl-1,2,3,4-tetrahydroisoquinolin über Magnesium-Derivate. <i>Angewandte Chemie International Edition in English</i> , 1984 , 23, 248-249		23
50	Diastereoselektive Hydroxyalkylierungen in 1-Stellung von 2-Pivaloyl-1,2,3,4-tetrahydroisochinolin über ein Magnesiumderivat. <i>Angewandte Chemie</i> , 1984 , 96, 235-236	3.6	12
49	Alkylierung von Serin mit Selbstreproduktion des Chiralitätszentrums. <i>Tetrahedron Letters</i> , 1984 , 25, 2545-2548	2	102
48	Über die Synthese von Methyl- und Ethyl-(1R)-3-Hydroxyvalerat durch Depolymerisation eines gemischten pHB/pHV-Biopolymers. <i>Tetrahedron Letters</i> , 1984 , 25, 2747-2750	2	59
47	Alkylierung von heterosubstituierten Carbonsäuren ohne Racemisierung. <i>Tetrahedron</i> , 1984 , 40, 1313-1324		245
46	Alkylierung eines Cystein-Derivats ohne Racemisierung und ohne Verwendung eines chiralen Auxiliars. <i>Tetrahedron Letters</i> , 1983 , 24, 3315-3318	2	40
45	Organometallische Verbindungen von Titan und Zirkon als selektive nucleophile Reagentien in der Organischen Synthese. <i>Angewandte Chemie International Edition in English</i> , 1983 , 22, 31-45		223
44	Organometallverbindungen von Titan und Zirkon als selektive nucleophile Reagentien für die Organische Synthese. <i>Angewandte Chemie</i> , 1983 , 95, 12-26	3.6	152
43	Asymmetrische Michael-Additionen. Stereoselektive Alkylierungen des (R)- und (S)-Enamins aus Cyclohexanon und 2-(Methoxymethyl)pyrrolidin durch α -(Methoxycarbonyl)zimtsäuremethylester. <i>Chemische Berichte</i> , 1983 , 116, 2250-2260		76
42	Asymmetrische Michael-Additionen. Regio-, diastereo- und enantioselective Alkylierungen der Enamine aus α -Tetralonen und (S)-2-(Methoxymethyl)pyrrolidin (Prolinolmethylether) durch α -Nitrostyrole. <i>Chemische Berichte</i> , 1983 , 116, 3086-3096		50
41	Alkylierung von Aminosäuren ohne Verlust der optischen Aktivität: Synthese von α -substituierten Prolinderivaten. Ein Fall der Selbstreproduktion der Chiralität. <i>Journal of the American Chemical Society</i> , 1983 , 105, 5390-5398	16.4	334
40	Titanat-mediierte Transesterifikationen mit funktionalisierten Substraten. <i>Synthesis</i> , 1982 , 1982, 138-141	2.9	233

39	Ber die Depolymerisierung von Poly-(R)-3-hydroxy-buttersäureester (PHB). <i>Helvetica Chimica Acta</i> , 1982 , 65, 495-503	2	158
38	Asymmetrische Michael-Additionen. Praktisch vollständigdiastereo- und enantioselektive Alkylierungen des Enamins aus Cyclohexanon und Prolinylmethylether durch β -Nitrostyrole zu α -2-(1-Aryl-2-nitroethyl)cyclohexanon. <i>Helvetica Chimica Acta</i> , 1982 , 65, 1637-1654	2	118
37	A case of highly diastereoselective addition to unsymmetrical ketones: 1,4-addition of (2-alkenyl)triphenoxytitanium derivatives. <i>Helvetica Chimica Acta</i> , 1982 , 65, 1972-1981	2	47
36	Alkylierte Amination of non-enolizable aldehydes with alkyl (dialkyl-amino)titanium derivatives Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1982 , 65, 2598-2602	2	22
35	The Unambiguous Specification of the Steric Course of Asymmetric Syntheses. <i>Angewandte Chemie International Edition in English</i> , 1982 , 21, 654-660		235
34	The reactions of silyl nitronates with organolithium reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1981 , 952		21
33	Lithiated N-pivaloyl-tetrahydroisoquinoline β Supernucleophile. <i>Angewandte Chemie International Edition in English</i> , 1981 , 20, 128-129		28
32	Selectivities in the Reactions of Alkyl-, Aryl- and Heterosubstituted Organotitanium Compounds Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1981 , 64, 357-361	2	66
31	Synthesis of Open-Chain 2,3-Disubstituted 4-nitroketones by Diastereoselective Michael-addition of (E)-Enamines to (E)-Nitroolefins. A topological rule for C, C-bond forming processes between prochiral centres. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1981 , 64, 1413-1423	2	353
30	Improved Nitroaldol Reactions and Reductive Routes to Vicinal Aminoalcohols. <i>Helvetica Chimica Acta</i> , 1981 , 64, 2264-2271	2	46
29	Enantioselective Generation and Diastereoselective Reactions of Chiral Enolates Derived from β -Heterosubstituted Carboxylic Acids. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1981 , 64, 2704-2708	2	138
28	Nucleophile Aminoalkylierung mit Thiopivalamiden. <i>Helvetica Chimica Acta</i> , 1980 , 63, 102-116	2	45
27	Erhöhung der Nachweisempfindlichkeit von Cyclosporin A durch Derivatisierung mit 2-Naphthylselenenylchlorid. <i>Helvetica Chimica Acta</i> , 1980 , 63, 728-732	2	12
26	Methods of Reactivity Umpolung. <i>Angewandte Chemie International Edition in English</i> , 1979 , 18, 239-258		975
25	A Metalated Allylurea with Sterically protected Carbonyl Group as Novel δ^3 -Reagent. <i>Angewandte Chemie International Edition in English</i> , 1979 , 18, 399-400		30
24	Methoden der Reaktivitätsumpolung. <i>Angewandte Chemie</i> , 1979 , 91, 259-278	3.6	469
23	β -Ungesättigte Carbonylverbindungen mit sterisch geschützter Carbonylgruppe β -Erzwungene α^3 - versus α^1 -Reaktivität. <i>Angewandte Chemie</i> , 1979 , 91, 1024-1025	3.6	12
22	Brom/Lithium-Austausch an Vinylbromiden mit 2 Moläquiv. tert-Butyllithium. Umsetzungen von Vinylolithiumverbindungen mit Hetero- und Kohlenstoff-Elektrophilen. <i>Chemische Berichte</i> , 1978 , 111, 2785-2812		127

21	Double Deprotonation of 3-Nitropropene and 4-Nitro-1-butene: Derivatives of Their Dianions as Novel Reagents for C-C-Linkage. <i>Angewandte Chemie International Edition in English</i> , 1978 , 17, 458-459		24
20	CH-Acidität in Beziehung zum N-Atom in N,N-dialkylamiden mit sterisch geschützter Carbonylgruppe zur nucleophilen Minoalkylierung. <i>Helvetica Chimica Acta</i> , 1978 , 61, 512-526	2	63
19	Steric carbonyl protection metalation and cleavage of highly hindered ureas. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1978 , 61, 2237-2240	2	38
18	2,4,6-Tri-tert-butylphenoxy (TBPO) als sterisch wirksame Carbonylschutzgruppe – Ein neues nucleophiles Dimethylaminomethylierungsmittel. <i>Angewandte Chemie</i> , 1978 , 90, 296-297	3.6	21
17	Doppelte Deprotonierung von 3-Nitropropen und 4-Nitro-1-buten: Derivate ihrer Dianionen als neuartige Reagentien zur C-C-Verknüpfung. <i>Angewandte Chemie</i> , 1978 , 90, 479-480	3.6	12
16	Herstellung von Hilfsstoffen für die asymmetrische Synthese aus Weinsäure. Addition von Butyllithium an Aldehyde in chiralem Medium. <i>Helvetica Chimica Acta</i> , 1977 , 60, 301-325	2	233
15	Generation and Reactions of Tetrasubstituted N-Lithiomethyl-succinimides. <i>Helvetica Chimica Acta</i> , 1977 , 60, 1459-1471	2	30
14	Lithiierung und elektrophile Substitution an Methylengruppen von Nitrosaminen Umpolung der Reaktivität sekundärer Amine. <i>Chemische Berichte</i> , 1977 , 110, 1852-1865		51
13	Asymmetrische Synthese bei Photo-, Elektro- und Alkalimetall-Pinakolisierungen von Benzaldehyd und Phenonen im chiralen Medium DDB. <i>Chemische Berichte</i> , 1977 , 110, 2316-2333		32
12	Carbon alkylations of α and β -doubly deprotonated nitroalkanes. <i>Tetrahedron Letters</i> , 1977 , 18, 1161-1164		30
11	Nucleophile Aminoalkylierung. Lithiiertes N,N-Dimethyl-thiopivalamid. <i>Angewandte Chemie</i> , 1976 , 88, 339-340	3.6	20
10	α -Doppeldeprotonierte Nitroalkane: Super-Enamine? Vorläufige Mitteilung. <i>Helvetica Chimica Acta</i> , 1976 , 59, 2213-2217	2	32
9	Nucleophile Thioacylierung mit Thiocarbamoyllithium-Derivaten von sek. Aminen. <i>Chemische Berichte</i> , 1976 , 109, 1309-1323		41
8	Umpolung der Reaktivität von Aminen. Nucleophile Sek.-Aminoalkylierung über metallierte Nitrosamine. <i>Angewandte Chemie</i> , 1975 , 87, 1-18	3.6	106
7	Zum Mechanismus der elektrochemischen Pinakolisierung. Die erste asymmetrische Elektrosynthese in chiralem Medium. <i>Angewandte Chemie</i> , 1975 , 87, 629-630	3.6	44
6	Michael-Additionen von Lithiumenolaten und schwefelsubstituierten Lithiumorganen an Nitroolefine. <i>Chemische Berichte</i> , 1975 , 108, 1924-1945		70
5	Umpolung of Amine Reactivity. Nucleophilic (α -Secondary Amino)-alkylation via Metalated Nitrosamines. <i>Angewandte Chemie International Edition in English</i> , 1975 , 14, 15-32		165
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