Lutz F Tietze

List of Publications by Year
in descending order

239	17,047	38660 50	21474 114
papers	citations	h-index	g-index

316	316	316	9078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Domino Reactions in Organic Synthesis. Chemical Reviews, 1996, 96, 115-136.	23.0	3,781
2	Sequential Transformations in Organic Chemistry: A Synthetic Strategy with a Future. Angewandte Chemie International Edition in English, 1993, 32, 131-163.	4.4	1,312
3	Sequentielle Transformationen in der Organischen Chemie eine Synthesestrategie mit Zukunft. Angewandte Chemie, 1993, 105, 137-170.	1.6	553
4	Multicomponent domino reactions for the synthesis of biologically active natural products and drugs. Medicinal Research Reviews, 2000, 20, 304-322.	5.0	524
5	Natural Product Hybrids as New Leads for Drug Discovery. Angewandte Chemie - International Edition, 2003, 42, 3996-4028.	7.2	448
6	Enantioselective Palladium-Catalyzed Transformations. Chemical Reviews, 2004, 104, 3453-3516.	23.0	429
7	Hetero Diels-Alder reactions in organic chemistry. Topics in Current Chemistry, 1997, , 1-120.	4.0	335
8	The Domino Multicomponent Allylation Reaction for the Stereoselective Synthesis of Homoallylic Alcohols. Accounts of Chemical Research, 2009, 42, 367-378.	7.6	221
9	Dominoâ€reactions: The tandemâ€knoevenagelâ€heteroâ€dielsâ€alder reaction and its application in natural product synthesis. Journal of Heterocyclic Chemistry, 1990, 27, 47-69.	1.4	199
10	Palladium-Catalyzed Enantioselective Domino Reaction for the Efficient Synthesis of Vitamin E. Angewandte Chemie - International Edition, 2005, 44, 257-259.	7.2	151
11	Domino reactions for library synthesis of small molecules in combinatorial chemistry. Current Opinion in Chemical Biology, 1998, 2, 363-371.	2.8	146
12	Enantioselective Total Syntheses of theIpecacuanha Alkaloid Emetine, theAlangium Alkaloid Tubulosine and a Novel Benzoquinolizidine Alkaloid by Using a Domino Process. Chemistry - A European Journal, 2004, 10, 2722-2731.	1.7	105
13	Synthesis of Enantiopure Estrone via a Double Heck Reaction. Journal of the American Chemical Society, 1998, 120, 8971-8977.	6.6	102
14	Enantioselective Highly Efficient Synthesis of (â˜)-Cephalotaxine Using Two Palladium-Catalyzed Transformations. Journal of the American Chemical Society, 1999, 121, 10264-10269.	6.6	100
15	Regio- and Enantioselective Silane-Terminated Intramolecular Heck Reactions. Angewandte Chemie International Edition in English, 1994, 33, 1089-1091.	4.4	92
16	Enantioselective Palladium-Catalyzed Total Synthesis of Vitamin E by Employing a Domino Wackerâ€“Heck Reaction. Chemistry - A European Journal, 2006, 12, 8770-8776.	1.7	88
17	SOLID-PHASE SYNTHESIS OF POLYMER-BOUND Î²-KETOESTERS AND THEIR APPLICATION IN THE SYNTHESIS OF STRUCTURALLY DIVERSE PYRAZOLONES. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 1303-1306.	1.0	84
18	Galactoseâ€modified duocarmycin prodrugs as senolytics. Aging Cell, 2020, 19, e13133.	3.0	84

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19	Highly Efficient, Enantioselective Total Synthesis of the Active Anti-Influenza A Virus Indole Alkaloid Hirsutine and Related Compounds by Domino Reactions. Angewandte Chemie - International Edition, 1999, 38, 2045-2047.	7.2	83
20	Prodrugs for Targeted Tumor Therapies: Recent Developments in ADEPT, GDEPT and PMT. Current Pharmaceutical Design, 2011, 17, 3527-3547.	0.9	83
21	Conformations of Chiral Î±,Î²-Unsaturated Sulfoxides and Their Complexes with Lewis Acids. An ab Initio Study. Journal of the American Chemical Society, 1998, 120, 7952-7958.	6.6	77
22	Intra- and intermolecular hetero-Diels-Alder reactions. 15. Asymmetric induction in Grignard and hetero-Diels-Alder reactions of chiral .alpha.,.beta.-unsaturated carbonyl compounds. Journal of the American Chemical Society, 1987, 109, 921-923.	6.6	76
23	Highly Efficient Synthesis of Linear Pyrrole Oligomers by Twofold Heck Reactions. Chemistry - A European Journal, 2001, 7, 368-373.	1.7	72
24	Duocarmycin Analogues Target Aldehyde Dehydrogenaseâ€...1 in Lung Cancer Cells. Angewandte Chemie - International Edition, 2012, 51, 2874-2877.	7.2	72
25	Synthesis of Chiroptical Molecular Switches by Pd-Catalyzed Domino Reactions. Journal of the American Chemical Society, 2009, 131, 17879-17884.	6.6	71
26	Synthesis and Photochemical Investigations of Tetrasubstituted Alkenes as Molecular Switchesâ€"The Effect of Substituents. Chemistry - A European Journal, 2011, 17, 8452-8461.	1.7	69
27	Intra- and intermolecular hetero-Diels-Alder reactions. 23. Intermolecular hetero-Diels-Alder reactions of enamino ketones at high pressure. The first significant pressure-induced diastereoselectivity in organic transformations. Journal of the American Chemical Society, 1988, 110, 4065-4066.	6.6	67
28	Efficient Synthesis of Tetrasubstituted Alkenes by Allylsilane-Terminated Domino-Heck Double Cyclisation. Chemistry - A European Journal, 2002, 8, 401-407.	1.7	66
29	Stereoselective Solid-Phase Synthesis of Cyclopentane and Cyclohexane Derivatives by Two-Component Domino Reactions: Generation of Combinatorial Libraries. Angewandte Chemie International Edition in English, 1996, 35, 651-652.	4.4	64
30	Enantioselective synthesis of tetrahydroisoquinolines and benzazepines by silane terminated Heck reactions with the chiral ligands (+)-TMBTP and (R)-BITIANP. Chemical Communications, 2000, , 583-584.	2.2	64
31	Stereoselective Synthesis of 4â€Dehydroxydiversonol Employing Enantioselective Palladiumâ€Catalysed Domino Reactions. Chemistry - A European Journal, 2008, 14, 8956-8963.	1.7	64
32	Enantioselective Synthesis of Tertiary Homoallylic Alcohols via Diastereoselective Addition of Allylsilanes to Ketones. Journal of the American Chemical Society, 1995, 117, 5851-5852.	6.6	63
33	Antitumor Agents: Development of Highly Potent Glycosidic Duocarmycin Analogues for Selective Cancer Therapy. Angewandte Chemie - International Edition, 2006, 45, 6574-6577.	7.2	62
34	Intra- and intermolecular hetero-Diels-Alder reactions. 45. Simple and induced diastereoselectivity in intramolecular hetero-Diels-Alder reactions of 1-oxa-1,3-butadienes. Experimental data and calculations. Journal of Organic Chemistry, 1994, 59, 182-191.	1.7	61
35	Regio- and enantio-selective Heck reactions of aryl and alkenyl triflates with the new chiral ligand (R)-BITIANP. Chemical Communications, 1999, , 1811-1812.	2.2	61
36	Novel Carboranyl C-Glycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. Chemistry - A European Journal, 2003, 9, 1296-1302.	1.7	58

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37	Isolation, Enantioselective Total Synthesis and Structure Determination of the Anthrapyran Metabolite SS 43405â€. European Journal of Organic Chemistry, 2007, 2007, 5875-5878.	1.2	58
38	Efficient Formal Total Synthesis of the Erythrina Alkaloid (+)-Erysotramidine, Using a Domino Process. Organic Letters, 2009, 11, 5230-5233.	2.4	58
39	Stereodivergent Heteroâ€Dielsâ€Alder Reactions of Chiral 1â€Oxaâ€1,3â€butadienes through a Conformational Switch Induced by Lewis Acids. Chemistry - A European Journal, 1996, 2, 139-148.	1.7	57
40	Ortho-Carboranyl Glycosides of Glucose, Mannose, Maltose and Lactose for Cancer Treatment by Boron Neutron-Capture Therapy. Chemistry - A European Journal, 1998, 4, 1179-1183.	1.7	57
41	Total Synthesis of Linoxepin through a Palladiumâ€Catalyzed Domino Reaction. Angewandte Chemie - International Edition, 2013, 52, 3191-3194.	7.2	56
42	Prodrugs of the Cytostatic CC-1065 That Can Be Activated in a Tumor-Selective Manner. Angewandte Chemie International Edition in English, 1996, 35, 2674-2677.	4.4	55
43	Asymmetric 1,6-Induction in Hetero-Dielsâ€“Alder Reactions of Chiral Oxabutadienes for a De Novo Synthesis of Enantiomerically Pure Carbohydrates: Lewis Acid Dependent Reversal of Facial Selectivity. Angewandte Chemie International Edition in English, 1994, 33, 980-982.	4.4	54
44	Proof of Principle in the Selective Treatment of Cancer by Antibody-Directed Enzyme Prodrug Therapy: The Development of a Highly Potent Prodrug This work was supported by the Deutsche Forschungsgemeinschaft (SFB 416) and by the Fonds der Chemischen Industrie.. Angewandte Chemie - International Edition, 2002, 41, 759.	7.2	54
45	Efficient Synthesis of Helical Tetrasubstituted Alkenes as Potential Molecular Switches: A Twoâ€Component Palladiumâ€Catalyzed Triple Domino Process. Angewandte Chemie - International Edition, 2013, 52, 3668-3671.	7.2	54
46	Duocarmycin-based prodrugs for cancer prodrug monotherapy. Bioorganic and Medicinal Chemistry, 2008, 16, 6312-6318.	1.4	53
47	Highly Efficient Synthesis of Cephalotaxine by Two Palladium-Catalyzed Cyclizations. Angewandte Chemie International Edition in English, 1997, 36, 1124-1125.	4.4	52
48	Multiple Pd-catalyzed reactions in the synthesis of natural products, drugs, and materials. Pure and Applied Chemistry, 2010, 82, 1375-1392.	0.9	52
49	Intramolecular ene reactions. 7. Asymmetric induction in intramolecular ene reactions of chiral 1,7-dienes: a diastereo- and enantioselective synthesis of substituted cyclohexanes. Journal of Organic Chemistry, 1989, 54, 3120-3129.	1.7	51
50	A Novel Concept in Combinatorial Chemistry in Solution with the Advantages of Solid-Phase Synthesis: Formation of N-Betaines by Multicomponent Domino Reactions. Angewandte Chemie - International Edition, 2001, 40, 903-905.	7.2	51
51	Catalyst-Controlled Stereoselective Combinatorial Synthesis. Angewandte Chemie - International Edition, 2003, 42, 4254-4257.	7.2	50
52	Domino Reaction in Organic Synthesis. An Approach to Efficiency, Elegance, Ecological Benefit, Economic Advantage and Preservation of Our Resources in Chemical Transformations. , 2005, , 39-64.		50
53	Antibodyâ€Directed Enzyme Prodrug Therapy: A Promising Approach for a Selective Treatment of Cancer Based on Prodrugs and Monoclonal Antibodies. Chemical Biology and Drug Design, 2009, 74, 205-211.	1.5	50
54	Glycosidic Prodrugs of Highly Potent Bifunctional Duocarmycin Derivatives for Selective Treatment of Cancer. Angewandte Chemie - International Edition, 2010, 49, 7336-7339.	7.2	50

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55	The First Example of an Increase in the Enantioselectivity of a Chemical Reaction in the Presence of a Chiral Lewis Acid under High Pressure. Angewandte Chemie International Edition in English, 1993, 32, 1485-1486.	4.4	49
56	A Novel Approach in Drug Discovery: Synthesis of Estrone-Talaromycin Natural Product Hybrids. Chemistry - A European Journal, 2000, 6, 3755-3760.	1.7	49
57	ortho-Carboranyl Glycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. Bioorganic and Medicinal Chemistry, 2001, 9, 1747-1752.	1.4	48
58	New and Efficient Lewis Acid Catalysts in Intramolecular Ene Reactions. Synthesis, 1988, 1988, 359-362.	1.2	47
59	Enantioselective Total Synthesis of a Natural Norsesquiterpene of the Calamenene Group by a Silane-Terminated Intramolecular Heck Reaction. Synlett, 1995, 1995, 597-598.	1.0	47
60	Induced and Non-induced Diastereoselective Intramolecular Ene Reaction of 1,6-Dienes: the Unusual Formation oftrans-1,2-Disubstituted Cyclopentanes. Angewandte Chemie International Edition in English, 1988, 27, 1186-1187.	4.4	46
61	Inter- and Intramolecular Hetero-Diels-Alder Reactions, Part 48.1 De-NovoSynthesis of Enantiopure Carbohydrates: Preparation of Ethyl Î²-D- and Î²-L-Mannopyranosides by an Asymmetrically Induced Hetero Diels-Alder Reaction. Synlett, 1994, 1994, 509-510.	1.0	46
62	A General and Expedient Method for the Solid-Phase Synthesis of Structurally Diverse 1-Phenylpyrazolone Derivatives. Synlett, 1996, 1996, 667-668.	1.0	45
63	A strategy for tumor-selective chemotherapy by enzymatic liberation of seco-duocarmycin SA-derivatives from nontoxic prodrugs. Bioorganic and Medicinal Chemistry, 2001, 9, 1929-1939.	1.4	45
64	A Diels-Alder Reaction for the Total Synthesis of the Novel Antibiotic Antitumor Agent Mensacarcin. European Journal of Organic Chemistry, 2005, 2005, 2459-2467.	1.2	45
65	Synthesis of Tetrasubstituted Alkenes through a Palladiumâ€Catalyzed Domino Carbopalladation/Cï£¿Hâ€Activation Reaction. Chemistry - A European Journal, 2012, 18, 3286-3291.	1.7	44
66	Non-Induced, Highly Diastereoselective Intramolecular Ene Reactions of 1,7-Dienes totrans-1,2-Disubstituted Cyclohexanes. Angewandte Chemie International Edition in English, 1985, 24, 1042-1043.	4.4	43
67	Novel Carboranes with a DNA Binding Unit for the Treatment of Cancer by Boron Neutron Capture Therapy. ChemBioChem, 2002, 3, 219-225.	1.3	43
68	Synthesis of Highly Functionalized Anthraquinones and Evaluation of Their Antitumor Activity. European Journal of Organic Chemistry, 2007, 2007, 4563-4577.	1.2	42
69	Synthesis and Biological Studies of Different Duocarmycin Based Glycosidic Prodrugs for Their Use in the Antibody-Directed Enzyme Prodrug Therapy. Journal of Medicinal Chemistry, 2009, 52, 537-543.	2.9	42
70	Fourâ€•and Sixfold Tandemâ€Domino Reactions Leading to Dimeric Tetrasubstituted Alkenes Suitable as Molecular Switches. Angewandte Chemie - International Edition, 2015, 54, 10317-10321.	7.2	42
71	A Domino Approach to the Enantioselective Total Syntheses of Blennolideâ€…C and Gonytolideâ€…C. Chemistry - A European Journal, 2014, 20, 8628-8635.	1.7	41
72	Total Synthesis of Polyoxygenated Cembrenes. Angewandte Chemie - International Edition, 2008, 47, 5246-5249.	7.2	40

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73	Origin of Syn/Anti Diastereoselectivity in Aldehyde and Ketone Crotylation Reactions:Â A Combined Theoretical and Experimental Study. Journal of the American Chemical Society, 2006, 128, 11483-11495.	6.6	39
74	Cyclopentanes by Intramolecular Cyclisation of Allylsilane Alkylidene 1,3-Dioxo Compounds. Chemische Berichte, 1990, 123, 1387-1395.	0.2	38
75	Regioâ€•und enantioselektive Siliciumâ€terminierte intramolekulare Heckâ€Reaktionen. Angewandte Chemie, 1994, 106, 1138-1139.	1.6	38
76	Highly Selective Glycosylated Prodrugs of Cytostatic CC-1065 Analogues for Antibody-Directed Enzyme Tumor Therapy. ChemBioChem, 2001, 2, 758.	1.3	38
77	Selective Treatment of Cancer: Synthesis, Biological Evaluation and Structural Elucidation of Novel Analogues of the Antibiotic CC-1065 and the Duocarmycins. Chemistry - A European Journal, 2007, 13, 4396-4409.	1.7	38
78	Enantioselective Total Synthesis of (â^')â€Blennolideâ€...A. Chemistry - A European Journal, 2013, 19, 8610-8614.	1.7	38
79	Inter- and Intramolecular Hetero-Diels-Alder Reactions; Part 50: Domino Reactions in Organic Chemistry: The Knoevenagel-hetero-Diels-Alder-Hydrogenation Sequence for the Biomimetic Synthesis of Indole Alkaloids via Strictosidine Analogues. Synthesis, 1994, 1994, 1185-1194.	1.2	37
80	Stereoselective Synthesis of Steroids with the Heck Reaction. Angewandte Chemie International Edition in English, 1996, 35, 2259-2261.	4.4	37
81	Efficient Synthesis of a Novel Estrone- Talaromycin Hybrid Natural Product. Angewandte Chemie - International Edition, 1998, 37, 2469-2470.	7.2	37
82	Novel strategies for the synthesis of anthrapyran antibiotics: discovery of a new antitumor agent and total synthesis of (S)-espicufolin. Organic and Biomolecular Chemistry, 2007, 5, 1191.	1.5	37
83	Palladium-Catalyzed Domino-Wacker-Carbonylation Reaction for the Enantioselective Synthesis of Chromans and Benzodioxins. Heterocycles, 2007, 74, 473.	0.4	36
84	Enantioselective sequential transformations by use of metal complexes: Tandem-Knoevenagel-hetero-Diels-Alder reactions with new chiral Lewis acids. Chirality, 1993, 5, 329-333.	1.3	35
85	Synthesis of Novel Spinosyn A Analogues by Pdâ€Mediated Transformations. Chemistry - A European Journal, 2007, 13, 8543-8563.	1.7	35
86	Total Synthesis of the Proposed Structure of the Anthrapyran Metabolite Î´â€Indomycinone. Chemistry - A European Journal, 2007, 13, 9939-9947.	1.7	35
87	The Development of Domino Reactions Incorporating the Heck Reaction: The Formation of Nâ€Heterocycles. European Journal of Organic Chemistry, 2012, 2012, 544-558.	1.2	35
88	Enantioselective Total Synthesis of (â^')â€Diversonol. Chemistry - A European Journal, 2013, 19, 4876-4882.	1.7	35
89	Preparation of a New Carboranyl Lactoside for the Treatment of Cancer by Boron Neutron Capture Therapy: Synthesis and Toxicity of Fluoro Carboranyl Glycosides for in vivo19F-NMR Spectroscopy. Chemistry - A European Journal, 2000, 6, 836-842.	1.7	34
90	Synthesis of Novel Chiral Thiophene-, Benzothiophene- and Benzofuran-Oxazoline Ligands and their Use in the Enantioselective Pd-Catalyzed Allylation. Synlett, 2002, 2002, 2083-2085.	1.0	34

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91	Synthesis of Enantiomerically Pure Cyclopentene Building Blocks. Synlett, 2007, 2007, 0485-0487.	1.0	33
92	Synthesis of acetal-Î±-á¸¡lucosides. A stereoselective entry into a new class of compounds. Carbohydrate Research, 1987, 164, 177-194.	1.1	32
93	Interâ€•and Intramolecular Hetero Dielsâ€Alder Reactions, 36. Synthesis of Dihydropyrans by Hetero Dielsâ€Alder Reaction of Enaminones An Efficient Route to 3â€Amino Sugar Derivatives. Chemische Berichte, 1991, 124, 881-888.	0.2	32
94	Review: Highly Selective Compounds for the Antibody-Directed Enzyme Prodrug Therapy of Cancer. Australian Journal of Chemistry, 2003, 56, 841.	0.5	32
95	Synthesis of N-Protected 2-Hydroxymethylpyrroles and Transformation into Acyclic Oligomers. Synthesis, 1996, 1996, 851-857.	1.2	31
96	Synthesis of Novel Steroid Alkaloids by Cyclization of Arylimines from Estrone. European Journal of Organic Chemistry, 1999, 1999, 3013-3020.	1.2	31
97	Carboranyl Bisglycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. ChemBioChem, 2001, 2, 326-334.	1.3	31
98	Synthesis of enantiopure B-nor-steroids by multiple Pd-catalyzed transformations. Journal of Organometallic Chemistry, 2003, 687, 346-352.	0.8	31
99	First Enantioselective Total Synthesis and Structure Determination of the Anthrapyran Metabolite Î³-Indomycinone. Organic Letters, 2006, 8, 5873-5876.	2.4	31
100	Pd-Catalysed Domino Arylation/CH Activation for the Synthesis of Acenaphthylenes. European Journal of Organic Chemistry, 2006, 2006, 4676-4684.	1.2	31
101	Synthesis of Enantiopure Homoallylic Alcohols and Ethers by Diastereoselective Allylation of Aldehydes. Chemistry - A European Journal, 1996, 2, 1164-1172.	1.7	30
102	Stereoselective Intramolecular Hetero Dielsâ€“Alder Reactions of Cyclic Benzylidenesulfoxides and DFT Calculations on the Transition Structures. European Journal of Organic Chemistry, 1998, 1998, 2733-2741.	1.2	29
103	Enantioselective Synthesis of Î±-Alkylmalates as the Pharmacophoric Group of Several Natural Alkaloids and Glycosides. European Journal of Organic Chemistry, 2005, 2005, 2965-2972.	1.2	29
104	The Domino-Knoevenagel-Hetero-Diels-Alder Reaction and Related Transformations. , 2005, , 121-168.		29
105	Diastereoselective Addition of Allylsilanes to Aldehydes: Synthesis of Enantiomerically Pure Homoallylic Alcohols. Angewandte Chemie International Edition in English, 1992, 31, 1372-1373.	4.4	28
106	Mechanistic Investigations on the Highly Stereoselective Allylation of Aldehydes with a Norpseudoephedrine Derivative. Journal of the American Chemical Society, 1998, 120, 4276-4280.	6.6	28
107	Asymmetric induction in intramolecular ene reactions of 1,7-dienes. Tetrahedron Letters, 1986, 27, 1767-1770.	0.7	27
108	Interâ€•and intramolecular heteroâ€Dielsâ€Alder reactions, 37. Syntheses of the 3â€amino sugar glycosides racâ€4â€deoxydaunosaminide racâ€4â€deoxyristosaminide, and racâ€acosaminide. Liebigs Annalen Der Chemie, 1991, 1991, 275-281.	0.8	27

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109	Efficient Control of theendo/exo-Selectivity in Intermolecular Hetero Diels-Alder Reactions of a New 1-Oxa-1,3-butadiene with Different Lewis Acids1. Synlett, 1992, 1992, 755-756.	1.0	27
110	Interâ€•and intramolecular hetero dielsâ€alder reactions, 41. Unusual stereocontrol in intramolecular hetero dielsâ€alder reactions of 2â€Azaâ€1,3â€butadienes. A stereoselective sequential synthesis of annulated tetrahydropyridines. Chemische Berichte, 1992, 125, 2259-2263.	0.2	27
111	Tumorselektiv aktivierbare Prodrugs des Cytostaticums CCâ€1065. Angewandte Chemie, 1996, 108, 2840-2842.	1.6	27
112	Enantioselective Total Synthesis and Structure Determination of the Antiherpetic Anthrapyran Antibiotic AH-1763 IIa. Angewandte Chemie - International Edition, 2006, 45, 6990-6993.	7.2	27
113	Synthesis of New Water-Soluble DNA-Binding Subunits for Analogues of the Cytotoxic Antibiotic CC-1065 and Their Prodrugs. European Journal of Organic Chemistry, 2006, 2006, 2314-2321.	1.2	27
114	CD-Spectroscopy As a Powerful Tool for Investigating the Mode of Action of Unmodified Drugs in Live Cells. Journal of the American Chemical Society, 2009, 131, 13031-13036.	6.6	27
115	Development of Tailor-Made Cytostatics Activable by Acid-Catalyzed Hydrolysis for Selective Tumor Therapy. Angewandte Chemie International Edition in English, 1990, 29, 782-783.	4.4	26
116	Interâ€•and Intramolecular Hetero Dielsâ€Alder Reactions, 31. Synthesis of Dâ€Homoestrone Derivatives by Tandem Knoevenagel Hetero Dielsâ€Alder Reactions from Natural Estrone. Chemische Berichte, 1991, 124, 591-594.	0.2	26
117	Intramolecular Allylsilane Addition to Chiral Alkylidene-1,3-dicarbonyl Compounds for the Synthesis of Enantiomerically Puretrans-1,2-Disubstituted Cyclopentanes and Cyclohexanes. Angewandte Chemie International Edition in English, 1995, 34, 1731-1733.	4.4	26
118	Enantioselective Total Synthesis and Absolute Configuration of the Natural Norsesquiterpene 7â€Demethylâ€2â€methoxycalamenene by a Silaneâ€Terminated Intramolecular Heck Reaction. Liebigs Annalen, 1996, 1996, 1981-1987.	0.8	26
119	Enantioselective Synthesis of the Chromane Moiety of Vitamin E. European Journal of Organic Chemistry, 1999, 1999, 1075-1084.	1.2	26
120	Facial-Selective Allylation of Methyl Ketones for the Asymmetric Synthesis ofÎ±-Substituted Tertiary Homoallylic Ethers. Chemistry - A European Journal, 2001, 7, 1304-1308.	1.7	26
121	A Highly Efficient Synthesis of the Erythrina and B-Homoerythrina Skeleton by an AlMe3-Mediated Domino Reaction. Angewandte Chemie - International Edition, 2004, 43, 5391-5393.	7.2	26
122	Asymmetric Synthesis and Biological Evaluation of Glycosidic Prodrugs for a Selective Cancer Therapy. ChemMedChem, 2008, 3, 1946-1955.	1.6	26
123	The Two Faces of Potent Antitumor Duocarmycinâ€Based Drugs: A Structural Dissection Reveals Disparate Motifs for DNA versus Aldehyde Dehydrogenaseâ€…1 Affinity. Angewandte Chemie - International Edition, 2013, 52, 6921-6925.	7.2	26
124	Novel Analogues of CC-1065 and the Duocarmycins for the Use in Targeted Tumour Therapies. Anti-Cancer Agents in Medicinal Chemistry, 2009, 9, 304-325.	0.9	26
125	Efficient Synthesis of Branched Propargyl- and Allylsilanes. Synthesis, 1995, 1995, 1003-1006.	1.2	25
126	Palladium-Catalyzed Synthesis of Cephalotaxine Analogues. Chemistry - A European Journal, 2000, 6, 510-518.	1.7	25

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127	Inhibitory effect of a matrix metalloproteinase inhibitor on growth and spread of human pancreatic ductal adenocarcinoma evaluated in an orthotopic severe combined immunodeficient (SCID) mouse model. Cancer Letters, 2001, 165, 161-170.	3.2	25
128	Towards a Total Synthesis of the New Anticancer Agent Mensacarcin: Synthesis of the Carbocyclic Core. Chemistry - A European Journal, 2004, 10, 5233-5242.	1.7	25
129	Synthesis of the first spacer containing prodrug of a duocarmycin analogue and determination of its biological activity. Organic and Biomolecular Chemistry, 2010, 8, 1833.	1.5	25
130	Synthesis and Biological Evaluation of Prodrugs Based on the Natural Antibiotic Duocarmycin for Use in ADEPT and PMT. Chemistry - A European Journal, 2011, 17, 1922-1929.	1.7	25
131	Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. Angewandte Chemie - International Edition, 2015, 54, 13550-13554.	7.2	25
132	Induziertâ€•und nichtâ€•induziertâ€•diastereoselektive intramolekulare Enâ€Reaktion von 1,6â€Dienen: Die ungewÃ¶hnliche Bildung von transâ€•1,2â€•disubstituierten Cyclopentanen. Angewandte Chemie, 1988, 100, 1200-1201.	1.6	24
133	The Effect of High Pressure on the Diastereoselectivity of Intermolecular All-Carbon Diels-Alder Reactions. Chemistry - A European Journal, 1999, 5, 297-304.	1.7	24
134	Stereoselective Synthesis of Structurally Simplified Cephalostatin Analogues by Multiple Heck Reactions and Their Biological Evaluation. Chemistry - A European Journal, 2002, 8, 2116.	1.7	24
135	Investigation of Reactivity and Selectivity of DNA-Alkylating Duocarmycin Analogues by High-Resolution Mass Spectrometry. Angewandte Chemie - International Edition, 2006, 45, 6570-6574.	7.2	24
136	Threeâ€Component Domino Knoevenagel/Heteroâ€Dielsâ€“Alder Reaction for the Synthesis of the Amino Sugars 2â€Acetoxyforosamine and 2â€Acetoxyossamine â€“ Experimental and Theoretical Results. European Journal of Organic Chemistry, 2011, 2011, 6574-6580.	1.2	24
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