

Lutz F Tietze

List of Publications by Citations

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280
papers

14,927
citations

46
h-index

114
g-index

316
ext. papers

15,660
ext. citations

6.4
avg, IF

6.83
L-index

#	Paper	IF	Citations
280	Domino Reactions in Organic Synthesis. <i>Chemical Reviews</i> , 1996 , 96, 115-136	68.1	3475
279	2006 ,		1228
278	Sequential Transformations in Organic Chemistry: A Synthetic Strategy with a Future. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 131-163		1154
277	Sequentielle Transformationen in der Organischen Chemie eine Synthesestrategie mit Zukunft. <i>Angewandte Chemie</i> , 1993 , 105, 137-170	3.6	476
276	Multicomponent domino reactions for the synthesis of biologically active natural products and drugs. <i>Medicinal Research Reviews</i> , 2000 , 20, 304-22	14.4	468
275	Natural product hybrids as new leads for drug discovery. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3996-4028	16.4	397
274	Enantioselective palladium-catalyzed transformations. <i>Chemical Reviews</i> , 2004 , 104, 3453-516	68.1	390
273	Hetero Diels-Alder reactions in organic chemistry. <i>Topics in Current Chemistry</i> , 1997 , 1-120		307
272	The domino multicomponent allylation reaction for the stereoselective synthesis of homoallylic alcohols. <i>Accounts of Chemical Research</i> , 2009 , 42, 367-78	24.3	202
271	Domino-reactions: The tandem-knoevenagel-hetero-diels-alder reaction and its application in natural product synthesis. <i>Journal of Heterocyclic Chemistry</i> , 1990 , 27, 47-69	1.9	183
270	Palladium-catalyzed enantioselective domino reaction for the efficient synthesis of vitamin E. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 257-9	16.4	139
269	Domino reactions for library synthesis of small molecules in combinatorial chemistry. <i>Current Opinion in Chemical Biology</i> , 1998 , 2, 363-71	9.7	126
268	Enantioselective total syntheses of the Ipecacuanha alkaloid emetine, the Alangium alkaloid tubulosine and a novel benzoquinolizidine alkaloid by using a domino process. <i>Chemistry - A European Journal</i> , 2004 , 10, 2722-31	4.8	97
267	Synthesis of Enantiopure Estrone via a Double Heck Reaction. <i>Journal of the American Chemical Society</i> , 1998 , 120, 8971-8977	16.4	91
266	Enantioselective Highly Efficient Synthesis of (±)-Cephalotaxine Using Two Palladium-Catalyzed Transformations. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10264-10269	16.4	84
265	SOLID-PHASE SYNTHESIS OF POLYMER-BOUND β -KETOESTERS AND THEIR APPLICATION IN THE SYNTHESIS OF STRUCTURALLY DIVERSE PYRAZOLONES. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 1303-1306	2.9	80
264	Naturstoffhybride als neue Leitstrukturen bei der Wirkstoffsuche. <i>Angewandte Chemie</i> , 2003 , 115, 4128-4160	34.60	79

263	Enantioselective palladium-catalyzed total synthesis of vitamin e by employing a domino Wacker-Heck reaction. <i>Chemistry - A European Journal</i> , 2006 , 12, 8770-6	4.8	77
262	Prodrugs for targeted tumor therapies: recent developments in ADEPT, GDEPT and PMT. <i>Current Pharmaceutical Design</i> , 2011 , 17, 3527-47	3.3	76
261	Highly Efficient, Enantioselective Total Synthesis of the Active Anti-Influenza A Virus Indole Alkaloid Hirsutine and Related Compounds by Domino Reactions. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2045-2047	16.4	75
260	Regio- and Enantioselective Silane-Terminated Intramolecular Heck Reactions. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 1089-1091		74
259	Conformations of Chiral β -Unsaturated Sulfoxides and Their Complexes with Lewis Acids. An ab Initio Study. <i>Journal of the American Chemical Society</i> , 1998 , 120, 7952-7958	16.4	73
258	Synthesis and photochemical investigations of tetrasubstituted alkenes as molecular switches--the effect of substituents. <i>Chemistry - A European Journal</i> , 2011 , 17, 8452-61	4.8	66
257	Synthesis of chiroptical molecular switches by pd-catalyzed domino reactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17879-84	16.4	66
256	Highly efficient synthesis of linear pyrrole oligomers by twofold Heck reactions. <i>Chemistry - A European Journal</i> , 2001 , 7, 368-73	4.8	66
255	Intra- and intermolecular hetero-Diels-Alder reactions. 15. Asymmetric induction in Grignard and hetero-Diels-Alder reactions of chiral .alpha.,.beta.-unsaturated carbonyl compounds. <i>Journal of the American Chemical Society</i> , 1987 , 109, 921-923	16.4	64
254	Duocarmycin analogues target aldehyde dehydrogenase 1 in lung cancer cells. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2874-7	16.4	63
253	Efficient synthesis of tetrasubstituted alkenes by allylsilane-terminated domino-Heck double cyclisation. <i>Chemistry - A European Journal</i> , 2002 , 8, 401-7	4.8	59
252	Stereoselective synthesis of 4-dehydroxydiversonol employing enantioselective palladium-catalysed domino reactions. <i>Chemistry - A European Journal</i> , 2008 , 14, 8956-63	4.8	58
251	Enantioselective synthesis of tetrahydroisoquinolines and benzazepines by silane terminated Heck reactions with the chiral ligands (+)-TMBTP and (R)-BITIANP. <i>Chemical Communications</i> , 2000 , 583-584	5.8	58
250	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. <i>Journal of the American Chemical Society</i> , 1988 , 110, 4065-4066	16.4	57
249	Stereoselective Solid-Phase Synthesis of Cyclopentane and Cyclohexane Derivatives by Two-Component Domino Reactions: Generation of Combinatorial Libraries. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 651-652		56
248	Efficient formal total synthesis of the erythrina alkaloid (+)-erysotramidine, using a domino process. <i>Organic Letters</i> , 2009 , 11, 5230-3	6.2	54
247	Antitumor agents: development of highly potent glycosidic duocarmycin analogues for selective cancer therapy. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6574-7	16.4	54
246	Isolation, Enantioselective Total Synthesis and Structure Determination of the Anthrapyran Metabolite SS 43405-e. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5875-5878	3.2	53

245	Enantioselective Synthesis of Tertiary Homoallylic Alcohols via Diastereoselective Addition of Allylsilanes to Ketones. <i>Journal of the American Chemical Society</i> , 1995 , 117, 5851-5852	16.4	52
244	Palladium-katalysierte enantioselektive Dominoreaktion zur effizienten Synthese von Vitamin E. <i>Angewandte Chemie</i> , 2005 , 117, 262-264	3.6	51
243	Efficient synthesis of helical tetrasubstituted alkenes as potential molecular switches: a two-component palladium-catalyzed triple domino process. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3668-71	16.4	50
242	Novel carboranyl C-glycosides for the treatment of cancer by boron neutron capture therapy. <i>Chemistry - A European Journal</i> , 2003 , 9, 1296-302	4.8	50
241	Regio- and enantio-selective Heck reactions of aryl and alkenyl triflates with the new chiral ligand (R)-BITIANP. <i>Chemical Communications</i> , 1999 , 1811-1812	5.8	50
240	Stereodivergent Hetero-Diels-Alder Reactions of Chiral 1-Oxa-1,3-butadienes through a Conformational Switch Induced by Lewis Acids. <i>Chemistry - A European Journal</i> , 1996 , 2, 139-148	4.8	50
239	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. <i>Journal of Organic Chemistry</i> , 1994 , 59, 182-191	4.2	50
238	Ortho-Carboranyl Glycosides of Glucose, Mannose, Maltose and Lactose for Cancer Treatment by Boron Neutron-Capture Therapy. <i>Chemistry - A European Journal</i> , 1998 , 4, 1179-1183	4.8	49
237	Duocarmycin-based prodrugs for cancer prodrug monotherapy. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6312-8	3.4	49
236	Asymmetric 1,6-Induction in Hetero-Diels-Alder Reactions of Chiral Oxabutadienes for a De Novo Synthesis of Enantiomerically Pure Carbohydrates: Lewis Acid Dependent Reversal of Facial Selectivity. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 980-982		48
235	Prodrugs of the Cytostatic CC-1065 That Can Be Activated in a Tumor-Selective Manner. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2674-2677		46
234	Total synthesis of linorexepin through a palladium-catalyzed domino reaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3191-4	16.4	45
233	Antibody-directed enzyme prodrug therapy: a promising approach for a selective treatment of cancer based on prodrugs and monoclonal antibodies. <i>Chemical Biology and Drug Design</i> , 2009 , 74, 205-219	11.9	45
232	Highly Efficient Synthesis of Cephalotaxine by Two Palladium-Catalyzed Cyclizations. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1124-1125		45
231	Catalyst-controlled stereoselective combinatorial synthesis. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4254-7	16.4	45
230	A novel approach in drug discovery: synthesis of estrone--talaromycin natural product hybrids. <i>Chemistry - A European Journal</i> , 2000 , 6, 3755-60	4.8	45
229	Glycosidic prodrugs of highly potent bifunctional duocarmycin derivatives for selective treatment of cancer. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7336-9	16.4	44
228	Multiple Pd-catalyzed reactions in the synthesis of natural products, drugs, and materials. <i>Pure and Applied Chemistry</i> , 2010 , 82, 1375-1392	2.1	43

227	Proof of principle in the selective treatment of cancer by antibody-directed enzyme prodrug therapy: the development of a highly potent prodrug. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 759-61	16.4	43
226	Synthesis of tetrasubstituted alkenes through a palladium-catalyzed domino carbopalladation/C-H-activation reaction. <i>Chemistry - A European Journal</i> , 2012 , 18, 3286-91	4.8	42
225	A Diels-Alder Reaction for the Total Synthesis of the Novel Antibiotic Antitumor Agent Mensacarcin. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2459-2467	3.2	42
224	A Novel Concept in Combinatorial Chemistry in Solution with the Advantages of Solid-Phase Synthesis: Formation of N-Betaines by Multicomponent Domino Reactions. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 903-905	16.4	42
223	Enantioselective Total Synthesis of a Natural Norsesquiterpene of the Calamenene Group by a Silane-Terminated Intramolecular Heck Reaction. <i>Synlett</i> , 1995 , 1995, 597-598	2.2	42
222	Ortho-carboranyl glycosides for the treatment of cancer by boron neutron capture therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1747-52	3.4	41
221	The First Example of an Increase in the Enantioselectivity of a Chemical Reaction in the Presence of a Chiral Lewis Acid under High Pressure. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1485-1486		41
220	Induced and Non-induced Diastereoselective Intramolecular Ene Reaction of 1,6-Dienes: the Unusual Formation of trans-1,2-Disubstituted Cyclopentanes. <i>Angewandte Chemie International Edition in English</i> , 1988 , 27, 1186-1187		40
219	Domino Reactions Involving Catalytic Enantioselective Conjugate Additions 2010 , 321-350		39
218	Total synthesis of polyoxygenated cembrenes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5246-5254	6.4	39
217	A strategy for tumor-selective chemotherapy by enzymatic liberation of seco-duocarmycin SA-derivatives from nontoxic prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1929-39	3.4	39
216	Non-Induced, Highly Diastereoselective Intramolecular Ene Reactions of 1,7-Dienes to trans-1,2-Disubstituted Cyclohexanes. <i>Angewandte Chemie International Edition in English</i> , 1985 , 24, 1042-1043 ³⁹		39
215	A General and Expedient Method for the Solid-Phase Synthesis of Structurally Diverse 1-Phenylpyrazolone Derivatives. <i>Synlett</i> , 1996 , 1996, 667-668	2.2	38
214	Selective treatment of cancer: synthesis, biological evaluation and structural elucidation of novel analogues of the antibiotic CC-1065 and the duocarmycins. <i>Chemistry - A European Journal</i> , 2007 , 13, 4396-409	4.8	38
213	Synthesis of Highly Functionalized Anthraquinones and Evaluation of Their Antitumor Activity. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4563-4577	3.2	38
212	Galactose-modified duocarmycin prodrugs as senolytics. <i>Aging Cell</i> , 2020 , 19, e13133	9.9	37
211	Origin of syn/anti diastereoselectivity in aldehyde and ketone crotylation reactions: a combined theoretical and experimental study. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11483-95	16.4	37
210	Intramolecular ene reactions. 7. Asymmetric induction in intramolecular ene reactions of chiral 1,7-dienes: a diastereo- and enantioselective synthesis of substituted cyclohexanes. <i>Journal of Organic Chemistry</i> , 1989 , 54, 3120-3129	4.2	37

209	A domino approach to the enantioselective total syntheses of blennolide C and gonytolide C. <i>Chemistry - A European Journal</i> , 2014 , 20, 8628-35	4.8	36
208	Four- and Sixfold Tandem-Domino Reactions Leading to Dimeric Tetrasubstituted Alkenes Suitable as Molecular Switches. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10317-21	16.4	36
207	Synthesis and biological studies of different duocarmycin based glycosidic prodrugs for their use in the antibody-directed enzyme prodrug therapy. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 537-43	8.3	36
206	Novel carboranes with a DNA binding unit for the treatment of cancer by boron neutron capture therapy. <i>ChemBioChem</i> , 2002 , 3, 219-25	3.8	36
205	Nicht-induziert hochdiastereoselektive intramolekulare En-Reaktionen von 1,7-Dienen zu trans-1,2-disubstituierten Cyclohexanen. <i>Angewandte Chemie</i> , 1985 , 97, 1067-1068	3.6	35
204	Synthesis of novel spinosyn A analogues by Pd-mediated transformations. <i>Chemistry - A European Journal</i> , 2007 , 13, 8543-63	4.8	34
203	Novel strategies for the synthesis of anthracycline antibiotics: discovery of a new antitumor agent and total synthesis of (S)-epidolisin. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1191-200	3.9	34
202	Inter- and Intramolecular Hetero-Diels-Alder Reactions, Part 48.1 De-Novo Synthesis of Enantiopure Carbohydrates: Preparation of Ethyl D- and L-Mannopyranosides by an Asymmetrically Induced Hetero Diels-Alder Reaction. <i>Synlett</i> , 1994 , 1994, 509-510	2.2	34
201	New and Efficient Lewis Acid Catalysts in Intramolecular Ene Reactions. <i>Synthesis</i> , 1988 , 1988, 359-362	2.9	34
200	Synthesis of Enantiomerically Pure Cyclopentene Building Blocks. <i>Synlett</i> , 2007 , 2007, 0485-0487	2.2	33
199	Enantioselective sequential transformations by use of metal complexes: Tandem-Knoevenagel-hetero-Diels-Alder reactions with new chiral Lewis acids. <i>Chirality</i> , 1993 , 5, 329-333 ^{2.1}	2.1	33
198	The Development of Domino Reactions Incorporating the Heck Reaction: The Formation of N-Heterocycles. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 544-558	3.2	32
197	Enantioselective total synthesis of (-)-blennolide A. <i>Chemistry - A European Journal</i> , 2013 , 19, 8610-4	4.8	32
196	Enantioselective total synthesis of (-)-diversonol. <i>Chemistry - A European Journal</i> , 2013 , 19, 4876-82	4.8	32
195	Total synthesis of the proposed structure of the anthracycline metabolite delta-indomycinone. <i>Chemistry - A European Journal</i> , 2007 , 13, 9939-47	4.8	32
194	Stereoselective Synthesis of Steroids with the Heck Reaction. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2259-2261		32
193	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. <i>Synthesis</i> , 1994 , 1994, 1185-1194	2.9	32
192	First enantioselective total synthesis and structure determination of the anthracycline metabolite gamma-indomycinone. <i>Organic Letters</i> , 2006 , 8, 5873-6	6.2	31

191	Highly selective glycosylated prodrugs of cytostatic CC-1065 analogues for antibody-directed enzyme tumor therapy. <i>ChemBioChem</i> , 2001 , 2, 758-65	3.8	31
190	Duocarmycin Analogues Target Aldehyde Dehydrogenase 1 in Lung Cancer Cells. <i>Angewandte Chemie</i> , 2012 , 124, 2928-2931	3.6	30
189	Palladium-Catalyzed Domino-Wacker-Carbonylation Reaction for the Enantioselective Synthesis of Chromans and Benzodioxins. <i>Heterocycles</i> , 2007 , 74, 473	0.8	30
188	Review: Highly Selective Compounds for the Antibody-Directed Enzyme Prodrug Therapy of Cancer. <i>Australian Journal of Chemistry</i> , 2003 , 56, 841	1.2	30
187	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 vivo ¹⁹ F-NMR spectroscopy. <i>Chemistry - A European Journal</i> , 2000 , 6, 836-42	4.8	30
186	Efficient Synthesis of a Novel Estrone- Talaromycin Hybrid Natural Product. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2469-2470	16.4	29
185	Pd-Catalysed Domino Arylation/CH Activation for the Synthesis of Acenaphthylenes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4676-4684	3.2	29
184	Antitumor-Wirkstoffe: Entwicklung hochpotenter glycosidischer Duocarmycin-Analoga für eine selektive Krebstherapie. <i>Angewandte Chemie</i> , 2006 , 118, 6724-6727	3.6	29
183	Carboranyl bisglycosides for the treatment of cancer by boron neutron capture therapy. <i>ChemBioChem</i> , 2001 , 2, 326-34	3.8	29
182	Synthesis of acetal-β-glucosides. A stereoselective entry into a new class of compounds. <i>Carbohydrate Research</i> , 1987 , 164, 177-194	2.9	29
181	Synthesis of enantiopure B-nor-steroids by multiple Pd-catalyzed transformations. <i>Journal of Organometallic Chemistry</i> , 2003 , 687, 346-352	2.3	28
180	Synthesis of Novel Chiral Thiophene-, Benzothiophene- and Benzofuran-Oxazoline Ligands and their Use in the Enantioselective Pd-Catalyzed Allylation. <i>Synlett</i> , 2002 , 2002, 2083-2085	2.2	28
179	Stereoselective Intramolecular Hetero Diels-Alder Reactions of Cyclic Benzylidenesulfoxides and DFT Calculations on the Transition Structures. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 2733-2741	3.2	27
178	Enantioselective Synthesis of β-Alkylmalates as the Pharmacophoric Group of Several Natural Alkaloids and Glycosides. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2965-2972	3.2	27
177	Regio- und enantioselektive Silicium-terminierte intramolekulare Heck-Reaktionen. <i>Angewandte Chemie</i> , 1994 , 106, 1138-1139	3.6	27
176	Inter- and Intramolecular Hetero Diels-Alder Reactions, 36. Synthesis of Dihydropyrans by Hetero Diels-Alder Reaction of Enaminones An Efficient Route to 3-Amino Sugar Derivatives. <i>Chemische Berichte</i> , 1991 , 124, 881-888		27
175	Intramolecular Ene and Related Reactions, 53g). Stereoselective Formation of trans-1,2-Disubstituted Cyclopentanes by Intramolecular Cyclisation of Allylsilane Alkylidene 1,3-Dioxo Compounds. <i>Chemische Berichte</i> , 1990 , 123, 1387-1395		27
174	Synthesis of N-Protected 2-Hydroxymethylpyrroles and Transformation into Acyclic Oligomers. <i>Synthesis</i> , 1996 , 1996, 851-857	2.9	26

- 173 Asymmetric synthesis and biological evaluation of glycosidic prodrugs for a selective cancer therapy. *ChemMedChem*, **2008**, 3, 1946-55 3.7 26
- 172 The Domino-Knoevenagel-Hetero-Diels-Alder Reaction and Related Transformations **2005**, 121-168 26
- 171 Synthesis of Enantiopure Homoallylic Alcohols and Ethers by Diastereoselective Allylation of Aldehydes. *Chemistry - A European Journal*, **1996**, 2, 1164-1172 4.8 26
- 170 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, 13031-6 16.4 25
- 169 Enantioselective total synthesis and structure determination of the antiherpetic anthrapyran antibiotic AH-1763 IIa. *Angewandte Chemie - International Edition*, **2006**, 45, 6990-3 16.4 25
- 168 A highly efficient synthesis of the erythrina and B-homoerythrina skeleton by an AlMe₃-mediated domino reaction. *Angewandte Chemie - International Edition*, **2004**, 43, 5391-3 16.4 25
- 167 Proof of Principle in the Selective Treatment of Cancer by Antibody-Directed Enzyme Prodrug Therapy: The Development of a Highly Potent Prodrug. *Angewandte Chemie*, **2002**, 114, 785-787 3.6 25
- 166 Mechanistic Investigations on the Highly Stereoselective Allylation of Aldehydes with a Norpseudoephedrine Derivative. *Journal of the American Chemical Society*, **1998**, 120, 4276-4280 16.4 25
- 165 Novel analogues of CC-1065 and the duocarmycins for the use in targeted tumour therapies. *Anti-Cancer Agents in Medicinal Chemistry*, **2009**, 9, 304-25 2.2 25
- 164 The two faces of potent antitumor duocarmycin-based drugs: a structural dissection reveals disparate motifs for DNA versus aldehyde dehydrogenase 1 affinity. *Angewandte Chemie - International Edition*, **2013**, 52, 6921-5 16.4 24
- 163 Enantioselective Synthesis of the Chromane Moiety of Vitamin E. *European Journal of Organic Chemistry*, **1999**, 1999, 1075-1084 3.2 24
- 162 Diastereoselective Addition of Allylsilanes to Aldehydes: Synthesis of Enantiomerically Pure Homoallylic Alcohols. *Angewandte Chemie International Edition in English*, **1992**, 31, 1372-1373 24
- 161 Asymmetric induction in intramolecular ene reactions of 1,7-dienes. *Tetrahedron Letters*, **1986**, 27, 1767-1770 24
- 160 Synthesis and biological evaluation of prodrugs based on the natural antibiotic duocarmycin for use in ADEPT and PMT. *Chemistry - A European Journal*, **2011**, 17, 1922-9 4.8 23
- 159 Investigation of reactivity and selectivity of DNA-alkylating duocarmycin analogues by high-resolution mass spectrometry. *Angewandte Chemie - International Edition*, **2006**, 45, 6570-4 16.4 23
- 158 Towards a total synthesis of the new anticancer agent mensacarcin: synthesis of the carbocyclic core. *Chemistry - A European Journal*, **2004**, 10, 5233-42 4.8 23
- 157 Enantioselective Total Synthesis and Absolute Configuration of the Natural Norsesquiterpene 7-Demethyl-2-methoxycalamenene by a Silane-Terminated Intramolecular Heck Reaction. *Liebigs Annalen*, **1996**, 1996, 1981-1987 23
- 156 Tumorselektiv aktivierbare Prodrugs des Cytostaticums CC-1065. *Angewandte Chemie*, **1996**, 108, 2840-2842 23

155	Intramolecular Allylsilane Addition to Chiral Alkylidene-1,3-dicarbonyl Compounds for the Synthesis of Enantiomerically Pure trans-1,2-Disubstituted Cyclopentanes and Cyclohexanes. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 1731-1733		23
154	A fast way to fluorescence: a fourfold domino reaction to condensed polycyclic compounds. <i>Chemistry - A European Journal</i> , 2014 , 20, 12553-8	4.8	22
153	Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13550-4	16.4	22
152	Three-Component Domino Knoevenagel/Hetero-Diels-Alder Reaction for the Synthesis of the Amino Sugars 2-Acetoxyforosamine and 2-Acetoxyyossamine [Experimental and Theoretical Results. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6574-6580	3.2	22
151	Palladium-Catalyzed Domino Carbopalladation/C _H Activation for the Synthesis of Tetrasubstituted Alkenes Bearing Five- and Seven-Membered Rings. <i>Synlett</i> , 2012 , 23, 2516-2520	2.2	22
150	Synthesis of New Water-Soluble DNA-Binding Subunits for Analogues of the Cytotoxic Antibiotic CC-1065 and Their Prodrugs. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2314-2321	3.2	22
149	Facial-selective allylation of methyl ketones for the asymmetric synthesis of alpha-substituted tertiary homoallylic ethers. <i>Chemistry - A European Journal</i> , 2001 , 7, 1304-8	4.8	22
148	Palladium-catalyzed synthesis of cephalotaxine analogues. <i>Chemistry - A European Journal</i> , 2000 , 6, 510-8	4.8	22
147	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. <i>Cancer Letters</i> , 2001 , 165, 161-70	9.9	22
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