Lutz F Tietze

List of Publications by Year in Descending Order

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	Chromanone Lactones: A Neglected Group of Natural Products Isolation, Structure Elucidation, Bioactivity, and Synthesis. *European Journal of Organic Chemistry*, **2022**, 2022,	3.2	0
279	Chalcone-Supported Cardiac Mesoderm Induction in Human Pluripotent Stem Cells for Heart Muscle Engineering. *ChemMedChem*, **2021**, 16, 3300-3305	3.7	1
278	N-hydroxypipecolic acid-induced transcription requires the salicylic acid signaling pathway at basal SA levels. *Plant Physiology*, **2021**, 187, 2803-2819	6.6	3
277	Aldosterone Glucuronide, an Important Biomarker: Synthesis and Structure Elucidation of Novel Isomers. *Chemistry - A European Journal*, **2020**, 26, 15733-15737	4.8	
276	Galactose-modified duocarmycin prodrugs as senolytics. *Aging Cell*, **2020**, 19, e13133	9.9	37
275	Bifunctional Duocarmycin Analogues as Inhibitors of Protein Tyrosine Kinases. *Journal of Natural Products*, **2019**, 82, 16-26	4.9	1
274	Enantioselective Total Synthesis of the Fungal Metabolite Blennolide D and the Enantiomers of Blennolide E and F. *Organic Letters*, **2018**, 20, 2186-2189	6.2	8
273	Palladium-Catalyzed 4-Fold Domino Reaction for the Synthesis of a Polymeric Double Switch. *Organic Letters*, **2018**, 20, 2007-2010	6.2	3
272	Domino CH Activation Reactions through Proximity Effects. *European Journal of Organic Chemistry* , **2018**, 2018, 5562-5569	3.2	5
271	Enantioselective Total Synthesis of Blennolide H and Phomopsis-H76 A and Determination of Their Structure. *Chemistry - A European Journal*, **2018**, 24, 8760-8763	4.8	5
270	Enantioselective Total Synthesis of Chromanone Lactone Homo- and Heterodimers. *Chemistry - an Asian Journal*, **2018**, 13, 1888	4.5	3
269	Enantioselective Total Synthesis and Structure Confirmation of the Natural Dimeric Tetrahydroxanthenone Dicerandrol C. *Chemistry - A European Journal*, **2017**, 23, 2299-2302	4.8	15
268	Synthesis of indolizinoquinolinones through three- and four-component domino Knoevenagel / hetero-Diels Alder reactions: novel access to (+)-camptothecin. *Chemistry of Heterocyclic Compounds*, **2017**, 53, 434-445	1.4	2
267	Burchard Franck (1926-2017). *Angewandte Chemie - International Edition*, **2017**, 56, 16445	16.4	
266	Burchard Franck (1926 2017). *Angewandte Chemie*, **2017**, 129, 16665-16665	3.6	
265	An Efficient Domino Sonogashira/Double Carbopalladation/CH-Activation Reaction Leading to Fluorescent Polycyclic Aromatic Hydrocarbons. *Heterocycles*, **2015**, 90, 919	0.8	7
264	Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. *Angewandte Chemie*, **2015**, 127, 13754-13758	3.6	3

263	Structural, Biochemical, and Computational Studies Reveal the Mechanism of Selective Aldehyde Dehydrogenase 1A1 Inhibition by Cytotoxic Duocarmycin Analogues. *Angewandte Chemie - International Edition*, **2015**, 54, 13550-4	16.4	22
262	Design, Synthesis, and Biological Evaluation of Quercetagetin Analogues as JNK1 Inhibitors. *Chemistry - A European Journal*, **2015**, 21, 16887-94	4.8	4
261	Enantioselective Total Synthesis of Secalonic Acid E. *Chemistry - A European Journal*, **2015**, 21, 16807-10	4.8	18
260	Four- and Sixfold Tandem-Domino Reactions Leading to Dimeric Tetrasubstituted Alkenes Suitable as Molecular Switches. *Angewandte Chemie - International Edition*, **2015**, 54, 10317-21	16.4	36
259	Vier- und sechsfache Tandem-Dominoreaktionen zur Synthese von dimeren tetrasubstituierten Alkenen als molekulare Doppelschalter. *Angewandte Chemie*, **2015**, 127, 10457-10461	3.6	12
258	Enantioselective total synthesis of the lignan (+)-linoxepin. *Chemistry - A European Journal*, **2014**, 20, 17119-24	4.8	8
257	A fast way to fluorescence: a fourfold domino reaction to condensed polycyclic compounds. *Chemistry - A European Journal*, **2014**, 20, 12553-8	4.8	22
256	A domino approach to the enantioselective total syntheses of blennolide C and gonytolide C. *Chemistry - A European Journal*, **2014**, 20, 8628-35	4.8	36
255	The Paecilin Puzzle - Enantioselective Synthesis of the Proposed Structures of Paecilin A and B. *Heterocycles*, **2014**, 88, 1101	0.8	21
254	Duocarmycin analogues without a DNA-binding indole unit associate with aldehyde dehydrogenase 1A1 and not DNA: a reply. *Angewandte Chemie - International Edition*, **2013**, 52, 5447-9	16.4	9
253	Enantioselective total synthesis of (-)-blennolide A. *Chemistry - A European Journal*, **2013**, 19, 8610-4	4.8	32
252	Efficient synthesis of helical tetrasubstituted alkenes as potential molecular switches: a two-component palladium-catalyzed triple domino process. *Angewandte Chemie - International Edition*, **2013**, 52, 3668-71	16.4	50
251	Photoactivatable prodrugs of highly potent duocarmycin analogues for a selective cancer therapy. *Chemistry - A European Journal*, **2013**, 19, 1726-31	4.8	14
250	Transition-Metal-Catalyzed Carbonylative Domino Reactions **2013**, 7-30		2
249	Metathesis Reactions in Domino Processes **2013**, 31-66		
248	CH Activation Reactions in Domino Processes **2013**, 67-104		7
247	Domino Reactions Initiated by Nucleophilic Substitution **2013**, 105-140		
246	Radical Reactions in Domino Processes **2013**, 141-182		2

245	Pericyclic Reactions in Domino Processes **2013**, 183-218		2
244	Aldol Reactions in Domino Processes **2013**, 267-294		1
243	Organocatalysis in Domino Processes **2013**, 325-418		1
242	Domino Reactions in the Total Synthesis of Natural Products **2013**, 523-578		2
241	Multicomponent Domino Process: Rational Designand Serendipity **2013**, 579-610		4
240	Total synthesis of linoxepin through a palladium-catalyzed domino reaction. *Angewandte Chemie - International Edition*, **2013**, 52, 3191-4	16.4	45
239	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
238	Enantioselective total synthesis of (-)-diversonol. *Chemistry - A European Journal*, **2013**, 19, 4876-82	4.8	32
237	Modern Domino Reactions Containing a MichaelAddition Reaction **2013**, 219-266		
236	Selective cancer therapy by extracellular activation of a highly potent glycosidic duocarmycin analogue. *Molecular Pharmaceutics*, **2013**, 10, 1773-82	5.6	18
235	Domino Processes under Microwave Irradiation, High Pressure, and in Water **2013**, 463-496		
234	Metal-Catalyzed Enantio- and Diastereoselective C□ Bond-Forming Reactions in Domino Processes **2013**, 419-462		
233	Domino Reactions in Library Synthesis **2013**, 497-522		4
232	Selective Glycosylation with the Amino Sugar D-Forosamine for the Synthesis of Spinosyns and Its Analogues. *European Journal of Organic Chemistry*, **2013**, 2013, 7305-7312	3.2	5
231	Oxidations and Reductions in Domino Processes **2013**, 295-324		
230	Total Synthesis of Linoxepin through a Palladium-Catalyzed Domino Reaction. *Angewandte Chemie*, **2013**, 125, 3273-3276	3.6	21
229	The Two Faces of Potent Antitumor Duocarmycin-Based Drugs: A Structural Dissection Reveals Disparate Motifs for DNA versus Aldehyde Dehydrogenase 1 Affinity. *Angewandte Chemie*, **2013**, 125, 7059-7063	3.6	10
228	Efficient Synthesis of Helical Tetrasubstituted Alkenes as Potential Molecular Switches: A Two-Component Palladium-Catalyzed Triple Domino Process. *Angewandte Chemie*, **2013**, 125, 3756-3759	3.6	21

227	Duocarmycin Analogues without a DNA-Binding Indole Unit Associate with Aldehyde Dehydrogenase 1A1 and not DNA: A Reply. *Angewandte Chemie*, **2013**, 125, 5557-5559	3.6	2
226	Synthesis of tetrasubstituted alkenes through a palladium-catalyzed domino carbopalladation/C-H-activation reaction. *Chemistry - A European Journal*, **2012**, 18, 3286-91	4.8	42
225	The Development of Domino Reactions Incorporating the Heck Reaction: The Formation of N-Heterocycles. *European Journal of Organic Chemistry*, **2012**, 2012, 544-558	3.2	32
224	Domino Reactions in the Enantioselective Synthesis of Bioactive Natural Products **2012**, 271-334		6
223	Synthesis, biological evaluation, and live cell imaging of novel fluorescent duocarmycin analogs. *Chemistry and Biodiversity*, **2012**, 9, 2559-70	2.5	2
222	Synthesis of Spinosyn Analogues for Modern Crop Protection. *European Journal of Organic Chemistry*, **2012**, 2012, 5748-5756	3.2	8
221	First enantioselective total synthesis of (+)-(R)-Pinnatolide using an asymmetric domino allylation reaction. *Organic Letters*, **2012**, 14, 4035-7	6.2	9
220	Duocarmycin Analogues Target Aldehyde Dehydrogenase 1 in Lung Cancer Cells. *Angewandte Chemie*, **2012**, 124, 2928-2931	3.6	30
219	Duocarmycin analogues target aldehyde dehydrogenase 1 in lung cancer cells. *Angewandte Chemie - International Edition*, **2012**, 51, 2874-7	16.4	63
218	Palladium-Catalyzed Domino Carbopalladation/CH Activation for the Synthesis of Tetrasubstituted Alkenes Bearing Five- and Seven-Membered Rings. *Synlett*, **2012**, 23, 2516-2520	2.2	22
217	Three-Component Domino Knoevenagel/Hetero-Diels–Alder Reaction for the Synthesis of the Amino Sugars 2-Acetoxyforosamine and 2-Acetoxyossamine—Experimental and Theoretical Results. *European Journal of Organic Chemistry*, **2011**, 2011, 6574-6580	3.2	22
216	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
215	Synthesis and photochemical investigations of tetrasubstituted alkenes as molecular switches--the effect of substituents. *Chemistry - A European Journal*, **2011**, 17, 8452-61	4.8	66
214	Prodrugs for targeted tumor therapies: recent developments in ADEPT, GDEPT and PMT. *Current Pharmaceutical Design*, **2011**, 17, 3527-47	3.3	76
213	Multiple Pd-catalyzed reactions in the synthesis of natural products, drugs, and materials. *Pure and Applied Chemistry*, **2010**, 82, 1375-1392	2.1	43
212	Synthesis of the first spacer containing prodrug of a duocarmycin analogue and determination of its biological activity. *Organic and Biomolecular Chemistry*, **2010**, 8, 1833-42	3.9	20
211	Synthesis of Fluorescence-Labelled Glycosidic Prodrugs Based on the Cytotoxic Antibiotic Duocarmycin. *European Journal of Organic Chemistry*, **2010**, 2010, 6909-6921	3.2	12
210	Domino Reactions Involving Catalytic Enantioselective Conjugate Additions **2010**, 321-350		39

209	Atropisomerism of aromatic carbamates. *Chemistry - A European Journal*, **2010**, 16, 12678-82	4.8	6
208	Glycosidische Prodrugs hochpotenter difunktioneller Duocarmycin-Derivate für eine selektive Tumortherapie. *Angewandte Chemie*, **2010**, 122, 7494-7497	3.6	20
207	Glycosidic prodrugs of highly potent bifunctional duocarmycin derivatives for selective treatment of cancer. *Angewandte Chemie - International Edition*, **2010**, 49, 7336-9	16.4	44
206	Determination of the biological activity and structure activity relationships of drugs based on the highly cytotoxic duocarmycins and CC-1065. *Toxins*, **2009**, 1, 134-50	4.9	21
205	Synthesis of Annulated 1,4-Dioxanes and Perhydro-1,4-oxazines by Domino-Wacker-Carbonylation and Domino-Wacker-Mizoroki-Heck Reactions. *Heterocycles*, **2009**, 77, 1123	0.8	11
204	Stereoselective allylation of ketones: explanation for the unusual inversion of the induced stereochemistry in the auxiliary-mediated crotylation and pentenylation of butanone by DFT calculations. *Chemistry - A European Journal*, **2009**, 15, 1706-12	4.8	6
203	Asymmetric allylation of methyl ketones by using chiral phenyl carbinols. *Chemistry - A European Journal*, **2009**, 15, 6199-210	4.8	13
202	Investigation of the transformations of a novel anti-cancer agent combining HPLC, HPLC-MS and direct ESI-HRMS analyses. *Analytical and Bioanalytical Chemistry*, **2009**, 395, 437-48	4.4	12
201	Antibody-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, 205-11	2.9	45
200	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, 537-43	8.3	36
199	Efficient formal total synthesis of the erythrina alkaloid (+)-erysotramidine, using a domino process. *Organic Letters*, **2009**, 11, 5230-3	6.2	54
198	Synthesis of chiroptical molecular switches by pd-catalyzed domino reactions. *Journal of the American Chemical Society*, **2009**, 131, 17879-84	16.4	66
197	The domino multicomponent allylation reaction for the stereoselective synthesis of homoallylic alcohols. *Accounts of Chemical Research*, **2009**, 42, 367-78	24.3	202
196	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
195	Probing the mechanism of action of potential anticancer agents at a molecular level using electrospray ionisation Fourier transform ion cyclotron resonance mass spectrometry. *European Journal of Mass Spectrometry*, **2009**, 15, 661-72	1.1	13
194	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
193	Determination of the origin of stereoselectivity in multiple-transition-state reactions using DFT calculations: enantioselective synthesis of homoallylic alcohols from aliphatic methyl ketones via an auxiliary-mediated allylation. *Journal of the American Chemical Society*, **2008**, 130, 4386-95	16.4	17
192	Highly Efficient Domino Reaction for the Synthesis of the Erythrina and B-Homoerythrina Alkaloid Skeleton. *Synlett*, **2008**, 2008, 525-528	2.2	11

191	Enantioselective Synthesis of 2-Substituted Alcohols Using (+)-(1S,2S)-Pseudoephedrine as Chiral Auxiliary. *Synthesis*, **2008**, 2008, 229-236	2.9	8
190	Synthesis and biological evaluation of a novel pentagastrin-toxin conjugate designed for a targeted prodrug mono-therapy of cancer. *International Journal of Molecular Sciences*, **2008**, 9, 821-37	6.3	9
189	Enantioselective total synthesis of the oral contraceptive desogestrel by a double Heck reaction. *Chemistry - A European Journal*, **2008**, 14, 1541-51	4.8	14
188	Enantio- and diastereoselective synthesis of duocarmycine-based prodrugs for a selective treatment of cancer by epoxide opening. *Chemistry - A European Journal*, **2008**, 14, 895-901	4.8	17
187	Synthesis of a novel pentagastrin-drug conjugate for a targeted tumor therapy. *Chemistry - A European Journal*, **2008**, 14, 2811-8	4.8	11
186	Synthesis of novel structurally simplified estrogen analogues. *Chemistry - A European Journal*, **2008**, 14, 3670-9	4.8	6
185	Efficient synthesis of the structural core of tetracyclines by a palladium-catalyzed domino Tsuji-Trost-Heck-Mizoroki reaction. *Chemistry - A European Journal*, **2008**, 14, 2527-35	4.8	18
184	Stereoselective synthesis of 4-dehydroxydiversonol employing enantioselective palladium-catalysed domino reactions. *Chemistry - A European Journal*, **2008**, 14, 8956-63	4.8	58
183	Asymmetric synthesis and biological evaluation of glycosidic prodrugs for a selective cancer therapy. *ChemMedChem*, **2008**, 3, 1946-55	3.7	26
182	Total synthesis of polyoxygenated cembrenes. *Angewandte Chemie - International Edition*, **2008**, 47, 5246-9	11.4	39
181	Duocarmycin-based prodrugs for cancer prodrug monotherapy. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 6312-8	3.4	49
180	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, 4396-409	4.8	38
179	Synthesis of novel spinosyn A analogues by Pd-mediated transformations. *Chemistry - A European Journal*, **2007**, 13, 8543-63	4.8	34
178	Total synthesis of the proposed structure of the anthrapyran metabolite delta-indomycinone. *Chemistry - A European Journal*, **2007**, 13, 9939-47	4.8	32
177	Synthesis of Highly Functionalized Anthraquinones and Evaluation of Their Antitumor Activity. *European Journal of Organic Chemistry*, **2007**, 2007, 4563-4577	3.2	38
176	Isolation, Enantioselective Total Synthesis and Structure Determination of the Anthrapyran Metabolite SS 43405-e. *European Journal of Organic Chemistry*, **2007**, 2007, 5875-5878	3.2	53
175	Efficient synthesis of cephalotaxine- and deoxyharringtonine analogues by a trimethylaluminium-mediated domino reaction. *Tetrahedron*, **2007**, 63, 6437-6445	2.4	18
174	Synthesis of Enantiomerically Pure Cyclopentene Building Blocks. *Synlett*, **2007**, 2007, 0485-0487	2.2	33

173	Palladium-Catalyzed Domino-Wacker-Carbonylation Reaction for the Enantioselective Synthesis of Chromans and Benzodioxins. *Heterocycles*, **2007**, 74, 473	0.8	30
172	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, 1191-200	3.9	34
171	Enantioselective palladium-catalyzed total synthesis of vitamin e by employing a domino Wacker-Heck reaction. *Chemistry - A European Journal*, **2006**, 12, 8770-6	4.8	77
170	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
169	Antitumor agents: development of highly potent glycosidic duocarmycin analogues for selective cancer therapy. *Angewandte Chemie - International Edition*, **2006**, 45, 6574-7	16.4	54
168	Multiple palladium-catalyzed reactions for the synthesis of analogues of the highly potent insecticide spinosyn A. *Angewandte Chemie - International Edition*, **2006**, 45, 5015-8	16.4	13
167	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
166	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	3.2	22
165	Pd-Catalysed Domino Arylation/CH Activation for the Synthesis of Acenaphthylenes. *European Journal of Organic Chemistry*, **2006**, 2006, 4676-4684	3.2	29
164	First Total Synthesis of the Bioactive Anthraquinone Kwanzoquinone C and Related Natural Products by a Diels□Alder Approach. *European Journal of Organic Chemistry*, **2006**, 2006, 4910-4915	3.2	12
163	Untersuchung der Reaktivit□ und Selektivit□ DNA-alkylierender Duocarmycin-Analoga mittels hochaufl□sender Massenspektrometrie. *Angewandte Chemie*, **2006**, 118, 6720-6724	3.6	16
162	Antitumor-Wirkstoffe: Entwicklung hochpotenter glycosidischer Duocarmycin-Analoga f□ eine selektive Krebstherapie. *Angewandte Chemie*, **2006**, 118, 6724-6727	3.6	29
161	Multiple Pd-katalysierte Reaktionen zur Synthese von Analoga des hochpotenten Insektizids Spinosyn A. *Angewandte Chemie*, **2006**, 118, 5137-5140	3.6	5
160	Enantioselektive Totalsynthese und Strukturaufkl□ung des antiherpetischen Anthrapyran-Antibiotikums AH-1763 IIa. *Angewandte Chemie*, **2006**, 118, 7146-7150	3.6	13
159	Origin of syn/anti diastereoselectivity in aldehyde and ketone crotylation reactions: a combined theoretical and experimental study. *Journal of the American Chemical Society*, **2006**, 128, 11483-95	16.4	37
158	First enantioselective total synthesis and structure determination of the anthrapyran metabolite gamma-indomycinone. *Organic Letters*, **2006**, 8, 5873-6	6.2	31
157	**2006**,		1228
156	Intramolecular Heck Reactions for the Synthesis of the Novel Antibiotic Mensacarcin: Investigation of Catalytic, Electronic and Conjugative Effects in the Preparation of the Hexahydroanthracene Core. *European Journal of Organic Chemistry*, **2005**, 2005, 1752-1759	3.2	10

155	A Diels–Alder Reaction for the Total Synthesis of the Novel Antibiotic Antitumor Agent Mensacarcin. *European Journal of Organic Chemistry*, **2005**, 2005, 2459-2467	3.2	42
154	Enantioselective Synthesis of β-Alkylmalates as the Pharmacophoric Group of Several Natural Alkaloids and Glycosides. *European Journal of Organic Chemistry*, **2005**, 2005, 2965-2972	3.2	27
153	Cover Picture: Palladium-Catalyzed Enantioselective Domino Reaction for the Efficient Synthesis of Vitamin E (Angew. Chem. Int. Ed. 2/2005). *Angewandte Chemie - International Edition*, **2005**, 44, 167-167	16.4	
152	Palladium-katalysierte enantioselektive Dominoreaktion zur effizienten Synthese von Vitamin E. *Angewandte Chemie*, **2005**, 117, 262-264	3.6	51
151	Titelbild: Palladium-katalysierte enantioselektive Dominoreaktion zur effizienten Synthese von Vitamin E (Angew. Chem. 2/2005). *Angewandte Chemie*, **2005**, 117, 171-171	3.6	
150	The Domino-Knoevenagel-Hetero-Diels–Alder Reaction and Related Transformations **2005**, 121-168		26
149	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		10
148	Facial-Selective Allylation of Methyl Ketones for the Asymmetric Synthesis of Tertiary Homoallylic Ethers. *Synthesis*, **2004**, 2004, 2236-2239	2.9	12
147	Efficient Synthesis of an Enantiopure Thiasteroid by a Double Heck Reaction. *Australian Journal of Chemistry*, **2004**, 57, 635	1.2	12
146	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
145	Hoch effiziente Synthese des Erythrina- und B-Homoerythrina-Gerüsts über eine AlMe3-vermittelte Dominoreaktion. *Angewandte Chemie*, **2004**, 116, 5505-5507	3.6	4
144	Enantioselective total syntheses of the Ipecacuanha alkaloid emetine, the Alangium alkaloid tubulosine and a novel benzoquinolizidine alkaloid by using a domino process. *Chemistry - A European Journal*, **2004**, 10, 2722-31	4.8	97
143	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
142	Enantioselective palladium-catalyzed transformations. *Chemical Reviews*, **2004**, 104, 3453-516	68.1	390
141	Enantioselective Synthesis of Epi-Emetine Analogues: Control of the Facial Selectivity in a Three-Component Domino Knoevenagel-Hetero-Diels-Alder Reaction*. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2004**, 59, 468-477	1	4
140	Palladium-catalyzed enantioselective domino reaction for the efficient synthesis of vitamin E. *Angewandte Chemie - International Edition*, **2004**, 44, 257-9	16.4	139
139	Review: Highly Selective Compounds for the Antibody-Directed Enzyme Prodrug Therapy of Cancer. *Australian Journal of Chemistry*, **2003**, 56, 841	1.2	30
138	Multislice spiral computed tomography of an orthotopic severe combined immunodeficient mouse model for lung adenocarcinoma. *Journal of Experimental Animal Science*, **2003**, 42, 181-191		

137	Naturstoffhybride als neue Leitstrukturen bei der Wirkstoffsuche. *Angewandte Chemie*, **2003**, 115, 4128-4160	3.6	79
136	Katalysatorkontrollierte stereochemische Kombinatorik. *Angewandte Chemie*, **2003**, 115, 4386-4389	3.6	8
135	Novel carboranyl C-glycosides for the treatment of cancer by boron neutron capture therapy. *Chemistry - A European Journal*, **2003**, 9, 1296-302	4.8	50
134	Natural product hybrids as new leads for drug discovery. *Angewandte Chemie - International Edition*, **2003**, 42, 3996-4028	16.4	397
133	Catalyst-controlled stereoselective combinatorial synthesis. *Angewandte Chemie - International Edition*, **2003**, 42, 4254-7	16.4	45
132	Synthesis of enantiopure B-nor-steroids by multiple Pd-catalyzed transformations. *Journal of Organometallic Chemistry*, **2003**, 687, 346-352	2.3	28
131	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
130	Efficient synthesis of tetrasubstituted alkenes by allylsilane-terminated domino-Heck double cyclisation. *Chemistry - A European Journal*, **2002**, 8, 401-7	4.8	59
129	Stereoselective synthesis of structurally simplified cephalostatin analogues by multiple Heck reactions and their biological evaluation. *Chemistry - A European Journal*, **2002**, 8, 2116-25	4.8	19
128	Proof of principle in the selective treatment of cancer by antibody-directed enzyme prodrug therapy: the development of a highly potent prodrug. *Angewandte Chemie - International Edition*, **2002**, 41, 759-61	16.4	43
127	Novel carboranes with a DNA binding unit for the treatment of cancer by boron neutron capture therapy. *ChemBioChem*, **2002**, 3, 219-25	3.8	36
126	High Pressure in Organic Synthesis: Influence on Selectivity **2002**, 239-283		6
125	Inhibition of EGF-mediated receptor activity and cell proliferation by HK1-ceramide, a stable analog of the ganglioside GM3-lactone. *Glycobiology*, **2002**, 12, 517-22	5.8	3
124	Synthesis of Novel Chiral Thiophene-, Benzothiophene- and Benzofuran-Oxazoline Ligands and their Use in the Enantioselective Pd-Catalyzed Allylation. *Synlett*, **2002**, 2002, 2083-2085	2.2	28
123	A strategy for tumor-selective chemotherapy by enzymatic liberation of seco-duocarmycin SA-derivatives from nontoxic prodrugs. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 1929-39	3.4	39
122	Carboranyl bisglycosides for the treatment of cancer by boron neutron capture therapy. *ChemBioChem*, **2001**, 2, 326-34	3.8	29
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