

# Ulrich Koert

## List of Publications by Year in descending order

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178  
papers

4,512  
citations

117625

34  
h-index

161849

54  
g-index

210  
all docs

210  
docs citations

210  
times ranked

4137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preussochromone Puzzle: Structural Revision of Preussochromones E and F by Total Synthesis. <i>Organic Letters</i> , 2022, 24, 912-915.	4.6	5
2	Regioselective Fluorination of Acenes: Tailoring of Molecular Electronic Levels and Solid-State Properties. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	12
3	Synthetic Studies on Chromone Natural Products: The Preussochromones. <i>Synthesis</i> , 2022, 54, 2778-2786.	2.3	4
4	Visible-Light-Induced Photoannulation of $\beta$ -Naphthyl Cyclopropane Carboxylic Esters to Functionalized Dihydrophenalenes. <i>Organic Letters</i> , 2022, 24, 152-157.	4.6	4
5	Combined XPS and DFT investigation of the adsorption modes of methyl enol ether functionalized cyclooctyne on Si(001). <i>ChemPhysChem</i> , 2021, 22, 404-409.	2.1	11
6	Synthesis and Molecular Properties of Partially Fluorinated DNTTs**. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1295-1304.	2.4	4
7	Solution-Based Alkyne-Azide Coupling on Functionalized Si(001) Prepared under UHV Conditions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4021-4026.	3.1	6
8	Click Chemistry in Ultra-High Vacuum - Tetrazine Coupling with Methyl Enol Ether Covalently Linked to Si(001). <i>Chemistry - A European Journal</i> , 2021, 27, 8082-8087.	3.3	7
9	Biphenylene network: A nonbenzenoid carbon allotrope. <i>Science</i> , 2021, 372, 852-856.	12.6	379
10	Rhodium-Catalyzed Regioselective $\beta$ -Fluoroallylic Cyanation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1028-1032.	4.3	2
11	Studies Towards the Synthesis of Pristinamycin II A. <i>ChemistrySelect</i> , 2020, 5, 11797-11802.	1.5	0
12	Starting from a Fixed Geometry: Real-Time XPS Investigation of a Surface Reaction with Controlled Molecular Configurations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22619-22624.	3.1	7
13	Total Synthesis of ( $\beta$ )-Preussochromone A. <i>Organic Letters</i> , 2020, 22, 6127-6131.	4.6	8
14	Synthesis of 6,13-difluoropentacene. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2136-2140.	2.2	2
15	Unilateral fluorierte Acene: Synthese und Festkörpereigenschaften. <i>Angewandte Chemie</i> , 2020, 132, 16644-16648.	2.0	3
16	Unilaterally Fluorinated Acenes: Synthesis and Solid-State Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16501-16505.	13.8	17
17	Adsorption of Methyl-Substituted Benzylazide on Si(001): Reaction Channels and Final Configurations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9940-9946.	3.1	7
18	Second Generation Total Synthesis of ( $\beta$ )-Preussochromone D. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3699-3711.	2.4	8

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19	Understanding Substrate Selectivity of Phoslactomycin Polyketide Synthase by Using Reconstituted in Vitro Systems. <i>ChemBioChem</i> , 2020, 21, 2080-2085.	2.6	14
20	Selective cytotoxic activity of isolated compounds from <i>Globimetula dinklagei</i> and <i>Phragmanthera capitata</i> (Loranthaceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 135-144.	1.4	4
21	Copper-Free Click Reaction Sequence: A Chemoselective Layer-by-Layer Approach. <i>Organic Letters</i> , 2019, 21, 7609-7612.	4.6	12
22	Comment on Enantioselective total synthesis of (âˆ™)-colchicine, (+)-demecolcinone and metacolchicine: determination of the absolute configurations of the latter two alkaloids by B. Chen, X. Liu, Y.-J. Hu, D.-M. Zhang, L. Deng, J. Lu, L. Min, W.-C. Ye and C.-C. Li, <i>Chem. Sci.</i> , 2017, 8, 4961â€“4966. <i>Chemical Science</i> , 2019, 10, 943-945.	7.4	4
23	Controlling an S<sub>N</sub>2 Reaction by Electronic and Vibrational Excitation: Tipâ€Induced Ether Cleavage on Si(001). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3417-3420.	13.8	13
24	Total Synthesis of (âˆ™)-Preussochromone D. <i>Organic Letters</i> , 2019, 21, 4374-4377.	4.6	17
25	Synthesis of Naphthocyclobutenes from Î±-Naphthyl Acrylates by Visible-Light Energy-Transfer Catalysis. <i>Organic Letters</i> , 2019, 21, 4365-4369.	4.6	12
26	Controlling an S<sub>N</sub>2 Reaction by Electronic and Vibrational Excitation: Tipâ€Induced Ether Cleavage on Si(001). <i>Angewandte Chemie</i> , 2019, 131, 3455-3458.	2.0	1
27	Stereoselective Synthesis of the Î²-Amino Acid Moiety of Fijiolide A. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1261-1267.	2.4	1
28	Formation of Si/organic interfaces using alkyne-functionalized cyclooctynesâ€™ precursor-mediated adsorption of linear alkynes versus direct adsorption of cyclooctyne on Si(Oâ€™%Oâ€™%1). <i>Journal of Physics Condensed Matter</i> , 2019, 31, 034001.	1.8	17
29	Total Synthesis of (+)-Nivetetracyclate A. <i>Organic Letters</i> , 2019, 21, 785-788.	4.6	10
30	Secondary metabolites from <i>Triclisia gillettii</i> (De Wild) Staner (Menispermaceae) with antimycobacterial activity against <i>Mycobacterium tuberculosis</i> . <i>Natural Product Research</i> , 2019, 33, 642-650.	1.8	13
31	Stereoselective Synthesis of the Benzodihydropentalene Core of the Fijiolides. <i>Organic Letters</i> , 2018, 20, 1388-1391.	4.6	12
32	Rauvolfianine, a new antimycobacterial glyceroglycolipid and other constituents from <i>Rauvolfia caffra</i> . <i>Natural Product Research</i> , 2018, 32, 1971-1976.	1.8	5
33	From Acenaphthenes to (+)-â€Delavatine A: Visibleâ€Lightâ€Induced Ring Closure of Methyl (Î±-Naphthyl) Acrylates. <i>Chemistry - A European Journal</i> , 2018, 24, 17686-17690.	3.3	9
34	Antitubercular evaluation of root extract and isolated phytochemicals from <i>Lophira lanceolata</i> against two resistant strains of <i>Mycobacterium tuberculosis</i> . <i>Pharmaceutical Biology</i> , 2018, 56, 318-324.	2.9	7
35	A light-triggered transmembrane porin. <i>Chemical Communications</i> , 2018, 54, 9623-9626.	4.1	9
36	Enolizable Î²-Fluoroenones: Synthesis and Asymmetric 1,2-Reduction. <i>Organic Letters</i> , 2018, 20, 5071-5074.	4.6	14

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37	Addition of Mixed (Alkenyl)dialkylzincates to Vicinal Diketo Esters. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1215-1230.	2.4	1
38	Metal-Catalyzed Synthesis of Functionalized 1,2,4-Oxadiazoles from Silyl Nitronates and Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1708-1716.	4.3	11
39	A new procyanidin B from <i>Campylospermum zenkeri</i> (Ochnaceae) and antiparasitic activity of two derivatives of (±)-serotobenine. <i>Natural Product Research</i> , 2017, 31, 2875-2884.	1.8	7
40	Dynamics of the peptidoglycan biosynthetic machinery in the stalked budding bacterium <i>Hyphomonas neptunium</i> . <i>Molecular Microbiology</i> , 2017, 103, 875-895.	2.5	35
41	Synthesis of Methylene-Bridged Bisnaphthalenes as Building Blocks for Push-Pull Substituted Pentacenes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7107-7121.	2.4	2
42	In vitro antitubercular activity of extract and constituents from the stem bark of <i>Disthemonanthus benthamianus</i> . <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 739-743.	1.4	10
43	Chemoselective Layer-by-Layer Approach Utilizing Click Reactions with Ethynylcyclooctynes and Diazides. <i>Organic Letters</i> , 2016, 18, 4296-4299.	4.6	44
44	Chemoselective Reactivity of Bifunctional Cyclooctynes on Si(001). <i>Journal of Physical Chemistry C</i> , 2016, 120, 26284-26289.	3.1	35
45	Total Syntheses of 7,20-Oxa-Bridged Dinorditerpenes: Antihepatitis C Virus Active (+)-Elevenol from <i>Flueggea virosa</i> and (+)-Przewalskin. <i>Organic Letters</i> , 2016, 18, 5692-5695.	4.6	24
46	Efficient Syntheses of Novel Fluoro-Substituted Pentacenes and Azapentacenes: Molecular and Solid-State Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 13758-13771.	3.3	44
47	Reactivity of $\beta$ -Bromosulfones Obtained from $\alpha$ -Dibromides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7775-7784.	2.4	2
48	$\beta$ -Crotyl- $\beta$ -difluoroboronyloxy-amides: Structure and Reactivity of Isolable Intermediates in Stereospecific $\beta$ -Ketol Rearrangements. <i>Organic Letters</i> , 2015, 17, 3122-3125.	4.6	14
49	Dissociative Adsorption of Diethyl Ether on Si(001) Studied by Means of Scanning Tunneling Microscopy and Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6018-6023.	3.1	31
50	Hauser-Heck: Efficient Synthesis of $\beta$ -Aryl- $\beta$ -ketoesters en Route to Substituted Naphthalenes. <i>Organic Letters</i> , 2015, 17, 5670-5673.	4.6	22
51	Complex Surface Chemistry of an Otherwise Inert Solvent Molecule: Tetrahydrofuran on Si(001). <i>ChemPhysChem</i> , 2014, 15, 3725-3728.	2.1	34
52	Vic-Tricarbonyl Compounds: Synthesis of (±)-9-epi-Wailupemycin A. <i>Synthesis</i> , 2014, 46, 381-386.	2.3	9
53	Unsymmetrical $\beta$ -Tricarbonyl Compounds for the Total Syntheses of Cladoniamide G and Cladoniamide F. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5302-5311.	2.4	30
54	Structure-Based Engineering of a Minimal Porin Reveals Loop-Independent Channel Closure. <i>Biochemistry</i> , 2014, 53, 4826-4838.	2.5	26

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55	Total Synthesis of Isoquinocyclinone. <i>Chemistry - A European Journal</i> , 2014, 20, 11300-11302.	3.3	14
56	Regioselective Passerini and Passerini-Knoevenagel Reactions with <i>vic</i> -Diketo Amides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 993-1006.	2.4	10
57	Ion-Channels: Goals for Function-Oriented Synthesis. <i>Accounts of Chemical Research</i> , 2013, 46, 2773-2780.	15.6	44
58	Synthesis of the A-Ring Pyranolactone Substructure of Granaticin A. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 180-190.	2.4	19
59	Regio- and Diastereoselective Crotylboration of <i>vic</i> -Tricarbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 662-665.	2.4	20
60	Real-space adsorption studies of cyclooctyne on Si(001). <i>Chemical Physics Letters</i> , 2013, 556, 70-76.	2.6	23
61	Synthesis and Solid-State Structures of 6,13-Bis(trifluoromethyl)- and 6,13-Dialkoxypentacene. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1639-1643.	2.4	17
62	Total Synthesis of the Postulated Structure of Fulcineroside. <i>Chemistry - A European Journal</i> , 2013, 19, 7423-7436.	3.3	22
63	Synthesis of the BCD-Ring Substructure of Granaticin A. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6562-6569.	2.4	3
64	Differentiation of diastereotopic bromine atoms in SN2 reactions of gem-dibromides. <i>Chemical Communications</i> , 2012, 48, 1866.	4.1	6
65	Total Synthesis of Lodopyridone. <i>Organic Letters</i> , 2012, 14, 4674-4677.	4.6	25
66	Flexibility of the N-Terminal mVDAC1 Segment Controls the Channel's Gating Behavior. <i>PLoS ONE</i> , 2012, 7, e47938.	2.5	46
67	Total Synthesis of (+)-Awajanomycin. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2260-2265.	2.4	19
68	The Imidato-Alkenyllithium Route for the Synthesis of the Isoquinocycline-Pyrrolopyrrole Substructure. <i>Organic Letters</i> , 2011, 13, 1402-1405.	4.6	9
69	Quantitative Surface-Enhanced Raman Scattering Ultradetection of Atomic Inorganic Ions: The Case of Chloride. <i>ACS Nano</i> , 2011, 5, 7539-7546.	14.6	75
70	Preparation of Gold Nanoparticle-Poly( <i>l</i> -menthyl methacrylate) Conjugates via ATRP Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2551-2557.	2.2	10
71	Berichtigung: Asymmetrische Allylboration von <i>vic</i> -Tricarbonylverbindungen: Totalsynthese von (+)-Awajanomycin. <i>Angewandte Chemie</i> , 2011, 123, 10945-10945.	2.0	4
72	Asymmetric Allylboration of <i>vic</i> -Tricarbonyl Compounds: Total Synthesis of (+)-Awajanomycin. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8404-8406.	13.8	23

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73	Stereo- and Regioselective Azide/Alkyne Cycloadditions in Carbonic Anhydrase II via Tethering, Monitored by Crystallography and Mass Spectrometry. <i>Chemistry - A European Journal</i> , 2011, 17, 5842-5851.	3.3	16
74	Strategies and Perspectives in Ion-Channel Engineering. <i>ChemBioChem</i> , 2011, 12, 830-839.	2.6	20
75	Synthesis of (+)-Awajanomycin. <i>Synfacts</i> , 2011, 2011, 1157-1157.	0.0	1
76	Total Syntheses of (+)-Pestaphthalide A and (-)-Pestaphthalide B. <i>Synthesis</i> , 2011, 2011, 2929-2934.	2.3	4
77	Good Timing in Total Synthesis: The Case of Phoslactomycin A. <i>Chemistry - A European Journal</i> , 2010, 16, 5934-5941.	3.3	20
78	Synthesis, characterization and properties of a new polymerisable surfactant: 12-Methacryloyl dodecylphosphocholine. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 367-372.	3.2	15
79	Structural and functional characterization of a synthetically modified OmpG. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7716-7723.	3.0	9
80	Total Synthesis of (±)-Cephalosol via Silyl Enol Ether Acylation. <i>Synthesis</i> , 2010, 2010, 917-922.	2.3	2
81	Synthesis of the Isoquinocycline-Pyrrolopyrrole Substructure. <i>Organic Letters</i> , 2010, 12, 3808-3811.	4.6	12
82	Ratiometric Optical Sensing of Chloride Ions with Organic Fluorophore-Gold Nanoparticle Hybrids: A Systematic Study of Design Parameters and Surface Charge Effects. <i>Small</i> , 2010, 6, 2590-2597.	10.0	70
83	Synthesis of Phoslactomycin A. <i>Synfacts</i> , 2009, 2009, 1317-1317.	0.0	0
84	Expanding the Scope of Protein Trans-splicing to Fragment Ligation of an Integral Membrane Protein: Towards Modulation of Porin-Based Ion Channels by Chemical Modification. <i>ChemBioChem</i> , 2009, 10, 983-986.	2.6	20
85	Circular Dichroism in Ion Yields of Femtosecond-Laser Mass Spectrometry. <i>ChemPhysChem</i> , 2009, 10, 1199-1202.	2.1	45
86	On the Function and Structure of Synthetically Modified Porins. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4853-4857.	13.8	21
87	Cover Picture: On the Function and Structure of Synthetically Modified Porins ( <i>Angew. Chem. Int. Ed.</i> )	13.8	21
88	Total Synthesis of Phoslactomycin A. <i>Organic Letters</i> , 2009, 11, 2728-2731.	4.6	47
89	A Voltage-Responding Ion Channel Derived by C-Terminal Modification of Gramicidin A. <i>ChemBioChem</i> , 2008, 9, 377-379.	2.6	20
90	Ion-channel engineering. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2008, 104, 165.	4.4	4

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91	meta-Selective Aromatic Borylation as Key Step in the Synthesis of Poipuol. <i>Synthesis</i> , 2008, 2008, 2217-2220.	2.3	3
92	Synthesis of Two Dipeptide Isosteres Containing Di- and Trisubstituted E-Configured Double Bonds. <i>Synthesis</i> , 2007, 2007, 2720-2730.	2.3	2
93	Sensitized photoinactivation of minigramicidin channels in bilayer lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1230-1237.	2.6	6
94	Stereoselective Synthesis of Methyl 7-Dihydro-trioxacarcinoid B. <i>Organic Letters</i> , 2007, 9, 4777-4779.	4.6	26
95	Functional Studies of Synthetic Gramicidin Hybrid Ion Channels in CHO Cells. <i>ChemBioChem</i> , 2007, 8, 513-520.	2.6	8
96	Reactivity Recognition by TRPA1 Channels. <i>ChemBioChem</i> , 2007, 8, 979-980.	2.6	11
97	Olefin Metathesis: A Reversible Stimulus for a Conformational Switch. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1991-1999.	2.4	7
98	Synthetic Routes to Three Novel Scaffolds for Potential Glycosidase Inhibitors. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4408-4430.	2.4	20
99	Rational Design of Bacitracin A Derivatives by Incorporating Natural Product Derived Heterocycles. <i>Journal of the American Chemical Society</i> , 2006, 128, 10513-10520.	13.7	39
100	Total Synthesis of Jimenezin via an Intramolecular Allylboration. <i>Organic Letters</i> , 2006, 8, 3829-3831.	4.6	33
101	Synthetic studies on a phenyl-laulimalide analogue. <i>Tetrahedron Letters</i> , 2006, 47, 8305-8308.	1.4	25
102	Apoptolidinone A: Synthesis of the Apoptolidin A Aglycone. <i>Chemistry - A European Journal</i> , 2006, 12, 7364-7377.	3.3	27
103	Apoptolidin A: Total Synthesis and Partially Glycosylated Analogues. <i>Chemistry - A European Journal</i> , 2006, 12, 7378-7397.	3.3	42
104	Crown Ether-Gramicidin Hybrid Ion Channels: Dehydration-Assisted Ion Selectivity. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 501-504.	13.8	50
105	Apoptolidin: Induction of Apoptosis by a Natural Product. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 872-893.	13.8	103
106	Tetrahydropyran-Amino Acids: Novel Building Blocks for Gramicidin-Hybrid Ion Channels. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2766-2776.	2.4	8
107	Stereoselective Synthesis of the Monomeric Unit of SCH 351448. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2777-2785.	2.4	15
108	Synthesis of Novel Bicyclic Ketals of Galacturonic Acid as Potential Glycosidase Inhibitors. <i>Synlett</i> , 2006, 2006, 1067-1070.	1.8	0

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109	Mobility of a One-Dimensional Confined File of Water Molecules as a Function of File Length. <i>Physical Review Letters</i> , 2006, 96, 148101.	7.8	46
110	An asymmetric ion channel derived from gramicidin. <i>FEBS Journal</i> , 2005, 272, 975-986.	4.7	14
111	Inhibition of the D-alanine:D-alanyl carrier protein ligase from <i>Bacillus subtilis</i> increases the bacterium's susceptibility to antibiotics that target the cell wall. <i>FEBS Journal</i> , 2005, 272, 2993-3003.	4.7	93
112	Unusual rearrangement in the reactions of phenylmalonic acid dihydrazide with 1, 3-Diketones. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 287-288.	2.6	6
113	Syntheses of Tetrodotoxin. <i>ChemInform</i> , 2005, 36, no.	0.0	0
114	Synthetic ion channels: Functional analysis and structural studies. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 1501.	2.8	20
115	Role of Ions on Structure and Stability of a Synthetic Gramicidin Ion Channel in Solution. A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10441-10448.	2.6	1
116	A lipid dependence in the formation of twin ion channels. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 342-347.	2.1	17
117	Synthesis and biological evaluation of gramicidin S dimers. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 233-238.	2.8	12
118	Probing membrane protein orientation and structure using fast magic-angle-spinning solid-state NMR. <i>Journal of Biomolecular NMR</i> , 2004, 30, 253-265.	2.8	29
119	Total Synthesis of Apoptolidin. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4597-4601.	13.8	56
120	Syntheses of Tetrodotoxin. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5572-5576.	13.8	29
121	Enzymatic Cyclisation of Peptidomimetics with Incorporated (E)-Alkene Dipeptide Isosteres. <i>ChemBioChem</i> , 2004, 5, 1000-1003.	2.6	18
122	Stereoselective Synthesis of trans-threo-trans-Oligopyrrolidines: Potential Agents for RNA Cleavage. <i>Chemistry - A European Journal</i> , 2004, 10, 3945-3962.	3.3	12
123	Folding Propensity of Cyclohexylether- $\beta$ -peptides. <i>Organic Letters</i> , 2004, 6, 3269-3272.	4.6	31
124	Conformative Coupling of Two Conformational Molecular Switches. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4546-4549.	13.8	23
125	Electrophysiological Response of Cultured Trabecular Meshwork Cells to Synthetic Ion Channels. <i>Chemistry and Biology</i> , 2003, 10, 35-43.	6.0	11
126	Synthesis and functional studies of THF-gramicidin hybrid ion channels. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2983-2997.	2.8	33



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127	Synthesis of Dianhydrohexitole-based Benzamidines as Factor Xa Inhibitors Using Cross Couplings, Phenyl Ether and Amidine Formations as Key Steps. <i>Synlett</i> , 2003, 2003, 1683-1687.	1.8	1
128	Kationenkontrolle bei der Funktionsprogrammierung von Helices: Strukturen eines D,L-Peptid-Ionenkanals. <i>Angewandte Chemie</i> , 2002, 114, 4234-4238.	2.0	12
129	Cation Control in Functional Helical Programming: Structures of a D,L-Peptide Ion Channel. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4062-4065.	13.8	29
130	Synthetic efficiency and functional selectivity: two goals for synthetic ion channels. <i>Journal of Supramolecular Chemistry</i> , 2002, 2, 29-37.	0.4	3
131	Solution phase synthesis and purification of the minigramicidin ion channels and a succinyl-linked gramicidin. <i>Tetrahedron</i> , 2002, 58, 2789-2801.	1.9	19
132	2,3,6,7-Tetrasubstituted Decalins: Biconformational Transducers for Molecular Signal Transduction. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 575-586.	2.4	19
133	Synthesis of Minigramicidin Ion Channels and Test of Their Hydrophobic Match with the Membrane. <i>ChemBioChem</i> , 2001, 2, 221-223.	2.6	23
134	Quinone-Annonaceous Acetogenins: Synthesis and Complex I Inhibition Studies of a New Class of Natural Product Hybrids. <i>Chemistry - A European Journal</i> , 2001, 7, 993-1005.	3.3	39
135	Molecular Signal Transduction by Conformational Transmission: Use of Tetrasubstituted Perhydroanthracenes as Transducers. <i>Chemistry - A European Journal</i> , 2001, 7, 2075-2088.	3.3	42
136	Synthesis of Apoptolidinone. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2063-2066.	13.8	53
137	Cyclohexylether- $\alpha$ -Amino Acids: New Leads for Selectivity Filters in Ion Channels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2076-2078.	13.8	35
138	Synthesis of Apoptolidinone This work was supported by the Fonds der Chemischen Industrie, Schering AG, and the Schering Forschungsgesellschaft. We thank Prof. Dr. U. Eder (Schering AG), Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 3	13.8	0
139	2063-2066. <i>Cyclohexylether-<math>\alpha</math>-Amino Acids: New Leads for Selectivity Filters in Ion Channels</i> Financial support by the Fonds der Chemischen Industrie (FCI), the Volkswagen Foundation, the Pinguin Foundation, and Schering AG is gratefully acknowledged. H.-D.A. thanks the FCI for a PhD fellowship. We thank Dr. B. Ziemer (Humboldt-Universität zu Berlin) for the X-ray structure analysis and Dr. P. Franke (Freie Tj ETQq1 1 0.784314 rgBT / Overlock	13.8	1
140	2076-2078. Synthesis and Biological Evaluation of Integrin Antagonists Containingtrans- andcis-2,5-Disubstituted THF Rings. <i>Chemistry - A European Journal</i> , 2000, 6, 666-683.	3.3	29
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