

# Andreas Kirschning

## List of Publications by Year in descending order

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220  
papers

9,586  
citations

44069

48  
h-index

49909

87  
g-index

269  
all docs

269  
docs citations

269  
times ranked

7255  
citing authors

#	ARTICLE	IF	CITATIONS
1	RGD-Modified Titanium as an Improved Osteoinductive Biomaterial for Use in Dental and Orthopedic Implants. <i>Bioconjugate Chemistry</i> , 2022, 33, 294-300.	3.6	12
2	Asymmetric Total Synthesis of Antibiotic Elansolid A. <i>Journal of the American Chemical Society</i> , 2022, 144, 6871-6881.	13.7	6
3	Lipoxygenase-catalysed $\alpha$ -oxidation for sustained production of oxyfunctionalized terpenoids. <i>Flavour and Fragrance Journal</i> , 2022, 37, 234-242.	2.6	1
4	Identification of structurally re-engineered rocaglates as inhibitors against hepatitis E virus replication. <i>Antiviral Research</i> , 2022, 204, 105359.	4.1	4
5	Coenzymes and Their Role in the Evolution of Life. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6242-6269.	13.8	51
6	Coenzyme und ihre Rolle in der Evolution des Lebens. <i>Angewandte Chemie</i> , 2021, 133, 6308-6337.	2.0	2
7	Rocaglamide and silvestrol: a long story from anti-tumor to anti-coronavirus compounds. <i>Natural Product Reports</i> , 2021, 38, 18-23.	10.3	29
8	Metal free decarboxylative aminoxylation of carboxylic acids using a biphasic solvent system. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 273-278.	2.8	4
9	The coenzyme/protein pair and the molecular evolution of life. <i>Natural Product Reports</i> , 2021, 38, 993-1010.	10.3	8
10	Oxidative azidations of phenols and ketones using iodine azide after release from an ion exchange resin. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2907-2911.	2.8	6
11	Natural and Synthetic Oligoarylamides: Privileged Structures for Medical Applications. <i>Chemistry - A European Journal</i> , 2021, 27, 7321-7339.	3.3	9
12	A Stable and Safe Form of Iodine Azide: Polymer-Bound Bisazidoiodate(I). <i>SynOpen</i> , 2021, 05, 104-107.	1.7	1
13	Mechanistic Similarities of Sesquiterpene Cyclases PenA, Omp6/7, and BcBOT2 Are Unraveled by an Unnatural $\alpha$ -FPP-Ether-Derivative. <i>Organic Letters</i> , 2021, 23, 3162-3166.	4.6	15
14	Flow Chemistry under Extreme Conditions: Synthesis of Macrocycles with Musklike Olfactoric Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 13924-13933.	3.2	12
15	Frontispiece: Natural and Synthetic Oligoarylamides: Privileged Structures for Medical Applications. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
16	Matteson Reaction under Flow Conditions: Iterative Homologations of Terpenes. <i>Organic Letters</i> , 2021, 23, 4300-4304.	4.6	15
17	Dextran-based scaffolds for in-situ hydrogelation: Use for next generation of bioartificial cardiac tissues. <i>Carbohydrate Polymers</i> , 2021, 262, 117924.	10.2	13
18	Ruthenium Complex Bearing a Hydroxy Group Functionalised N-Heterocyclic Carbene Ligand - A Universal Platform for Synthesis of Tagged and Immobilised Catalysts for Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6424.	2.4	3

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19	Optimization of factors influencing enzyme activity and product selectivity and the role of proton transfer in the catalytic mechanism of patchoulol synthase. <i>Biotechnology Progress</i> , 2020, 36, e2935.	2.6	5
20	Synthetic and Biological Studies on New Urea and Triazole Containing Cystobactamid Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 4289-4296.	3.3	10
21	Subsupercritical Water Generated by Inductive Heating Inside Flow Reactors Facilitates the Claisen Rearrangement. <i>Synlett</i> , 2020, 31, 1942-1946.	1.8	6
22	Photochemische Transformationen mit Iodazid nach Freisetzung von einem Ionenaustauscherharz. <i>Angewandte Chemie</i> , 2020, 132, 12475-12479.	2.0	3
23	Methyl-Shifted Farnesyl diphosphate Derivatives Are Substrates for Sesquiterpene Cyclases. <i>Organic Letters</i> , 2020, 22, 4360-4365.	4.6	23
24	First Ring-Expanded Maytansin Lactone Accessed by a New Mutasynthetic Variant. <i>ChemBioChem</i> , 2020, 21, 2927-2930.	2.6	2
25	Photochemical Transformations with Iodine Azide after Release from an Ion-Exchange Resin. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12376-12380.	13.8	12
26	Cystobactamid 507: Concise Synthesis, Mode of Action, and Optimization toward More Potent Antibiotics. <i>Chemistry - A European Journal</i> , 2020, 26, 7219-7225.	3.3	18
27	Nature-driven approaches to non-natural terpene analogues. <i>Natural Product Reports</i> , 2020, 37, 1080-1097.	10.3	43
28	Scalable Syntheses of Methoxyaspartate and Preparation of the Antibiotic Cystobactamid 861-2 and Highly Potent Derivatives. <i>Organic Letters</i> , 2019, 21, 8369-8372.	4.6	12
29	Synthetic terpenoids in the world of fragrances: Iso E Super <sup>®</sup> is the showcase. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2590-2602.	2.2	23
30	Toward Chromanes by de Novo Construction of the Benzene Ring. <i>Organic Letters</i> , 2019, 21, 8930-8933.	4.6	9
31	A General Biomimetic Hetero-Diels-Alder Approach to the Core Skeletons of Xenovulene A and the Sterhirsutins A and B. <i>Organic Letters</i> , 2019, 21, 998-1001.	4.6	11
32	New geldanamycin derivatives with anti Hsp properties by mutasynthesis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5269-5278.	2.8	13
33	Cystobactamids 920-1 and 920-2: Assignment of the Constitution and Relative Configuration by Total Synthesis. <i>Organic Letters</i> , 2019, 21, 1359-1363.	4.6	15
34	Macrophage entrapped silica coated superparamagnetic iron oxide particles for controlled drug release in a 3D cancer model. <i>Journal of Controlled Release</i> , 2019, 294, 327-336.	9.9	40
35	Externally Induced Drug Release Systems with Magnetic Nanoparticle Carriers: An Emerging Field in Nanomedicine. <i>Advanced Therapeutics</i> , 2019, 2, 1800092.	3.2	26
36	Hsp90: A Target for Susceptibilities and Substitutions in Biotechnological and Medicinal Application. <i>Heat Shock Proteins</i> , 2019, , 387-410.	0.2	0

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37	The Noncompetitive Effect of Gambogic Acid Displaces Fluorescence-Labeled ATP but Requires ATP for Binding to Hsp90/HtpG. <i>Biochemistry</i> , 2018, 57, 2601-2605.	2.5	10
38	Frontispiece: Chemical Functionalization of Polysaccharides – Towards Biocompatible Hydrogels for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
39	Synthesis of the Aglycon of the Antibiotic Disciformycin. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 648-656.	2.4	5
40	Heat Shock Proteins Revisited: Using a Mutasynthetically Generated Reblastatin Library to Compare the Inhibition of Human and <i>Leishmania</i> Hsp90s. <i>ChemBioChem</i> , 2018, 19, 562-574.	2.6	16
41	Chemical Functionalization of Polysaccharides – Towards Biocompatible Hydrogels for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 1231-1240.	3.3	85
42	Erweiterung des synthetischen Potenzials von Sesquiterpencyclasen zur Erzeugung von nichtnatürlichen Terpenoiden. <i>Angewandte Chemie</i> , 2018, 130, 11976-11980.	2.0	19
43	Exploiting the Synthetic Potential of Sesquiterpene Cyclases for Generating Unnatural Terpenoids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11802-11806.	13.8	47
44	Harnessing a Quinone Methide Intermediate in the Biomimetic Total Synthesis of the Highly Active Antibiotic Deoxyelansolid B1. <i>Chemistry - A European Journal</i> , 2017, 23, 5291-5298.	3.3	18
45	EBIO Does Not Induce Cardiomyogenesis in Human Pluripotent Stem Cells but Modulates Cardiac Subtype Enrichment by Lineage-Selective Survival. <i>Stem Cell Reports</i> , 2017, 8, 305-317.	4.8	15
46	A Biochemosynthetic Approach to Superparamagnetic Iron Oxide – Ansamitocin Conjugates for Use in Magnetic Drug Targeting. <i>Chemistry - A European Journal</i> , 2017, 23, 2265-2270.	3.3	9
47	Two new labdane diterpenoids and one new $\beta$ -lactam from the aerial parts of <i>Roylea cinerea</i> . <i>Phytochemistry Letters</i> , 2017, 19, 101-107.	1.2	18
48	The Biofilm Inhibitor Carolacton Enters Gram-Negative Cells: Studies Using a TolC-Deficient Strain of <i>Escherichia coli</i> . <i>MSphere</i> , 2017, 2, .	2.9	13
49	The carolactam strategy is ineffective: synthesis and biological evaluation of carolactam. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8553-8558.	2.8	4
50	Development of a microarray-based assay for efficient testing of new HSP70/DnaK inhibitors. <i>Biorganic and Medicinal Chemistry</i> , 2017, 25, 6345-6352.	3.0	15
51	Synthetic Studies Probing Elansolid Biosynthesis: A Quinone Methide Triggered Intramolecular Diels-Alder Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5582-5591.	2.4	7
52	Discovery and Total Synthesis of Natural Cystobactamid Derivatives with Superior Activity against Gram-Negative Pathogens. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12760-12764.	13.8	62
53	Entdeckung und Totalsynthese von natürlichen Cystobactamid-Derivaten mit herausragender Aktivität gegen Gram-negative Pathogene. <i>Angewandte Chemie</i> , 2017, 129, 12934-12938.	2.0	13
54	2-Hydroxybenzoic Acid Tosylates: the Alternative to Dess-Martin Periodinane Oxidizing Reagents. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3207-3216.	4.3	15

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55	TEMPO-Mediated Oxidative Deformylation of Aldehydes: Applications in the Synthesis of Polyketide Fragments. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6906-6913.	2.4	9
56	Synthesis of Magnetic-Nanoparticle/Ansamitocin Conjugates-Inductive Heating Leads to Decreased Cell Proliferation In Vitro and Attenuation Of Tumour Growth In Vivo. <i>Chemistry - A European Journal</i> , 2017, 23, 12326-12337.	3.3	13
57	Total synthesis of elansolids B1 and B2. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1280-1287.	2.2	6
58	Studies on the synthesis of peptides containing dehydrovaline and dehydroisoleucine based on copper-mediated enamide formation. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 564-570.	2.2	2
59	Biphasic modulation of Wnt signaling supports efficient foregut endoderm formation from human pluripotent stem cells. <i>Cell Biology International</i> , 2016, 40, 534-548.	3.0	12
60	The biofilm inhibitor Carolacton inhibits planktonic growth of virulent pneumococci via a conserved target. <i>Scientific Reports</i> , 2016, 6, 29677.	3.3	17
61	The natural diterpene tonantzitlolone A and its synthetic enantiomer inhibit cell proliferation and kinesin-5 function. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 164-170.	5.5	19
62	Synthesis and antiproliferative activity of new tonantzitlolone-derived diterpene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9040-9045.	2.8	12
63	A Synthetic Toolbox for the In Situ Formation of Functionalized Homo- and Heteropolysaccharide-Based Hydrogel Libraries. <i>Chemistry - A European Journal</i> , 2016, 22, 18777-18786.	3.3	12
64	Organocatalytic Alkyne Isomerizations under Flow Conditions Using Heterogeneous Bifunctional Polystyrene Bearing Phosphine and Phenol Groups. <i>Synthesis</i> , 2016, 49, 145-150.	2.3	3
65	Flow Synthesis in Hot Water: Synthesis of the Atypical Antipsychotic Iloperidone. <i>Chemistry - A European Journal</i> , 2016, 22, 3044-3052.	3.3	18
66	Iterative Syntheses-The Gateway to New Automation Protocols. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10412-10414.	13.8	6
67	Evaluation of the Synthetic Potential of an AHBA Knockout Mutant of the Rifamycin Producer <i>Amycolatopsis mediterranei</i> . <i>Chemistry - A European Journal</i> , 2015, 21, 19231-19242.	3.3	12
68	Is organic chemistry science "and does this question make any sense at all?". <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 893-896.	2.2	1
69	Frontispiece: Total and Semi-Syntheses of Antimicrobial Thuggacin Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	0
70	Total and Semi-Syntheses of Antimicrobial Thuggacin Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 4272-4284.	3.3	11
71	New, Non-quinone Fluorogeldanamycin Derivatives Strongly Inhibit Hsp90. <i>ChemBioChem</i> , 2015, 16, 302-311.	2.6	17
72	Lessons from the Synthetic Chemist Nature. <i>Natural Product Reports</i> , 2015, 32, 723-737.	10.3	33

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73	Synthesis and Biological Evaluation of Cystobactamid 507: A Bacterial Topoisomerase Inhibitor from <i>Cystobacter</i> sp.. <i>Synlett</i> , 2015, 26, 1175-1178.	1.8	20
74	Molecular Survival Strategies of Organisms: HSP and Small Molecules for Diagnostics and Drug Development. <i>Heat Shock Proteins</i> , 2015, , 323-344.	0.2	3
75	Purification and Characterization of Antioxidant Peptides from Oyster ( <i>Saccostrea cucullata</i> ) Hydrolysate and the Anticancer Activity of Hydrolysate on Human Colon Cancer Cell Lines. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 231-243.	1.9	25
76	Synthesis of a Cytotoxic Ansamycin Hybrid. <i>Organic Letters</i> , 2014, 16, 3000-3003.	4.6	21
77	Total Synthesis of the Antibiotic Elansolid B1. <i>Organic Letters</i> , 2014, 16, 568-571.	4.6	28
78	Oxidations of Allylic and Benzylic Alcohols under Inductively Heated Flow Conditions with Gold-Doped Superparamagnetic Nanostructured Particles as Catalyst and Oxygen as Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3530-3538.	4.3	40
79	Pushing Flow Chemistry to New Limits: Development of a Flow Process towards Spirangien...A. <i>ChemCatChem</i> , 2014, 6, 2798-2800.	3.7	1
80	Continuous flow chemistry: a discovery tool for new chemical reactivity patterns. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3611-3615.	2.8	66
81	Preparation of Thermocleavable Conjugates Based on Ansamitocin and Superparamagnetic Nanostructured Particles by a Chemobiosynthetic Approach. <i>Chemistry - A European Journal</i> , 2014, 20, 17541-17551.	3.3	17
82	sp <sup>3</sup> -sp <sup>3</sup> Coupling reactions in the synthesis of natural products and biologically active molecules. <i>Natural Product Reports</i> , 2014, 31, 441.	10.3	105
83	Microarray-based screening of heat shock protein inhibitors. <i>Journal of Biotechnology</i> , 2014, 180, 1-9.	3.8	23
84	Preparation of new alkyne-modified ansamitocins by mutasynthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 535-543.	2.2	21
85	Heating under High-Frequency Inductive Conditions: Application to the Continuous Synthesis of the Neurolepticum Olanzapine (Zyprexa). <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9813-9817.	13.8	128
86	Targeting heat-shock-protein 90 (Hsp90) by natural products: geldanamycin, a show case in cancer therapy. <i>Natural Product Reports</i> , 2013, 30, 1299.	10.3	73
87	Bioreduction of Aryl Azides during Mutasynthesis of New Ansamitocins. <i>Organic Letters</i> , 2013, 15, 4442-4445.	4.6	12
88	Silica Immobilized Hoveyda Type Pre-Catalysts: Convenient and Reusable Heterogeneous Catalysts for Batch and Flow Olefin Metathesis. <i>Australian Journal of Chemistry</i> , 2013, 66, 183.	0.9	31
89	Fully defined in situ cross-linkable alginate and hyaluronic acid hydrogels for myocardial tissue engineering. <i>Biomaterials</i> , 2013, 34, 940-951.	11.4	180
90	Copper Mediated and Copper Free Click-Decoration of Polysialic Acid for RGD-Modification and Hydrogel Formation. <i>Macromolecular Symposia</i> , 2013, 334, 82-91.	0.7	0

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91	Multiple Organolithium Generation in the Continuous Flow Synthesis of Amitriptyline. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3375-3380.	4.3	87
92	Two-Step Flow Synthesis of Biaryl Methanes by Reductive Arylation of Tosylhydrazones. <i>Journal of Flow Chemistry</i> , 2013, 3, 11-16.	1.9	30
93	[3 + 2]-Cycloadditions of nitrile ylides after photoactivation of vinyl azides under flow conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1745-1750.	2.2	45
94	Towards a biocompatible artificial lung: Covalent functionalization of poly(4-methylpent-1-ene) (TPX) with RGD pentapeptide. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 270-277.	2.2	16
95	Ansamitocin Libraries by Combining Mutasynthesis with Chemical Synthesis; A New Version of Total Synthesis. <i>Synlett</i> , 2012, 23, 1416-1426.	1.8	2
96	New Synthetic Opportunities in Miniaturized Flow Reactors with Inductive Heating. <i>Chemistry Letters</i> , 2012, 41, 562-570.	1.3	110
97	Bioorthogonal metal-free click-ligation of cRGD-pentapeptide to alginate. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5547.	2.8	24
98	A Fast Initiating Ionically Tagged Ruthenium Complex: A Robust Supported Pre-catalyst for Batch Process and Continuous Flow Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2012, 18, 16369-16382.	3.3	47
99	Substrate-controlled stereoselectivity in the Yamamoto aldol reaction. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7721.	2.8	21
100	Total synthesis of noricumazole B establishes d-arabinose as glycan unit. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8298.	2.8	8
101	Broad Substrate Specificity of the Amide Synthase in <i>S. hygrosopicus</i> New 20-Membered Macrolactones Derived from Geldanamycin. <i>Journal of the American Chemical Society</i> , 2012, 134, 1673-1679.	13.7	58
102	Unprecedented deoxygenation at C-7 of the ansamitocin core during mutasynthetic biotransformations. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 861-869.	2.2	9
103	Merging Chemical Synthesis and Biosynthesis: A New Chapter in the Total Synthesis of Natural Products and Natural Product Libraries. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4012-4022.	13.8	149
104	Precursor-Directed Syntheses and Biological Evaluation of New Elansolid Derivatives. <i>ChemBioChem</i> , 2012, 13, 1813-1817.	2.6	22
105	Total Synthesis of a Noricumazole... A Library and Evaluation of HCV Inhibition. <i>Chemistry - A European Journal</i> , 2012, 18, 9083-9090.	3.3	19
106	Combined Muta- and Semisynthesis: A Powerful Synthetic Hybrid Approach to Access Target Specific Antitumor Agents Based on Ansamitocin P3. <i>Chemistry - A European Journal</i> , 2012, 18, 880-886.	3.3	26
107	Flow Chemistry - A Key Enabling Technology for (Multistep) Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 17-57.	4.3	575
108	The Interplay between Mutasynthesis and Semisynthesis: Generation and Evaluation of an Ansamitocin Library. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 752-757.	13.8	37



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109	Isolation and Total Synthesis of Icumazoles and Noricumazoles – Antifungal Antibiotics and Cation-Channel Blockers from <i>Sorangium cellulosum</i> . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1256-1260.	13.8	34
110	Total Synthesis of Carolacton, a Highly Potent Biofilm Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1063-1066.	13.8	51
111	Preparation and Evaluation of Hydrogel-Composites from Methacrylated Hyaluronic Acid, Alginate, and Gelatin for Tissue Engineering. <i>International Journal of Artificial Organs</i> , 2011, 34, 93-102.	1.4	52
112	Multistep flow synthesis of vinyl azides and their use in the copper-catalyzed Huisgen-type cycloaddition under inductive-heating conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1441-1448.	2.2	68
113	Ten key issues in modern flow chemistry. <i>Chemical Communications</i> , 2011, 47, 4583.	4.1	571
114	Elansolidin A, a Unique Macrolide Antibiotic from <i>Chitinophaga sancti</i> Isolated as Two Stable Atropisomers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 532-536.	13.8	45
115	Molecular Basis of Elansolid Biosynthesis: Evidence for an Unprecedented Quinone Methide Initiated Intramolecular Diels-Alder Cycloaddition/Macrolactonization. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3882-3887.	13.8	78
116	Inductive Heating with Magnetic Materials inside Flow Reactors. <i>Chemistry - A European Journal</i> , 2011, 17, 1884-1893.	3.3	134
117	Elansolidin A3, a Unique Quinone Methide Antibiotic from <i>Chitinophaga sancti</i> . <i>Chemistry - A European Journal</i> , 2011, 17, 7739-7744.	3.3	73
118	Mutational Biosynthesis of Ansamitocin Antibiotics: A Diversity-Oriented Approach to Exploit Biosynthetic Flexibility. <i>ChemBioChem</i> , 2011, 12, 540-547.	2.6	32
119	A Practical Large-Scale Synthesis of Cyclic RGD Pentapeptides Suitable for Further Functionalization through 'Click' Chemistry. <i>Synthesis</i> , 2011, 2011, 653-661.	2.3	4
120	Preparation and In Vivo Imaging of Lucifer Yellow Tagged Hydrogels. <i>Macromolecular Symposia</i> , 2011, 309-310, 222-228.	0.7	8
121	Stereocontrolled palladium-catalysed umpolung allylation of aldehydes with allyl acetates. <i>Tetrahedron</i> , 2010, 66, 6450-6456.	1.9	24
122	Carolacton – A Macrolide Ketocarboxylic Acid that Reduces Biofilm Formation by the Caries- and Endocarditis-Associated Bacterium <i>Streptococcus mutans</i> . <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1284-1289.	2.4	59
123	Inductively Heated Oxides Inside Microreactors – Facile Oxidations under Flow Conditions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4372-4375.	2.4	23
124	Cyclization of Synthetic <i>seco</i> -Proansamitocins to Ansamitocin Macrolactams by <i>Actinosynnema pretiosum</i> as Biocatalyst. <i>ChemBioChem</i> , 2010, 11, 2517-2520.	2.6	18
125	Synthesis of New Polysialic Acid Derivatives. <i>Macromolecular Bioscience</i> , 2010, 10, 1028-1033.	4.1	7
126	Chemical Synthesis with Inductively Heated Copper Flow Reactors. <i>Synlett</i> , 2010, 2010, 2009-2013.	1.8	16



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127	Polyionic polymers as heterogeneous media for metal nanoparticles as catalyst in Suzuki-Miyaura and Heck-Mizoroki reactions under flow conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 21.	2.2	56
128	New, Highly Active Nonbenzoquinone Geldanamycin Derivatives by Using Mutasynthesis. <i>ChemBioChem</i> , 2009, 10, 1801-1805.	2.6	50
129	Timing of the $\text{C}_{10,12} \rightarrow \text{C}_{11,13}$ Double Bond Migration During Ansamitocin Biosynthesis in <i>Actinosynnema pretiosum</i> . <i>Journal of the American Chemical Society</i> , 2009, 131, 3812-3813.	13.7	60
130	<i>m</i> -Iodosylbenzoic Acid: Recyclable Hypervalent Iodine Reagent for $\alpha$ -Tosyloxylation and $\alpha$ -Mesyloxylation of Ketones. <i>Synthetic Communications</i> , 2009, 39, 3772-3784.	2.1	10
131	Catalytic transfer hydrogenation of aromatic nitro compounds in presence of polymer-supported nano-amorphous Ni-B catalyst. <i>Catalysis Communications</i> , 2009, 10, 1207-1211.	3.3	51
132	Homo- and heterogeneous Ru-based metathesis catalysts in cross-metathesis of 15-allylestrone towards 17 $\beta$ -hydroxysteroid dehydrogenase type 1 inhibitors. <i>Tetrahedron Letters</i> , 2008, 49, 3019-3022.	1.4	34
133	Comparison of monomode and multimode microwave equipment in Suzuki-Miyaura reactions en route to high throughput parallel synthesis under microwave conditions. <i>Tetrahedron Letters</i> , 2008, 49, 3204-3207.	1.4	18
134	Determination of the absolute configuration of the diterpene tonantzitlolone B. <i>Tetrahedron Letters</i> , 2008, 49, 5273-5275.	1.4	6
135	Highly Active Ansamitocin Derivatives: Mutasynthesis Using an AHBA-Blocked Mutant. <i>ChemBioChem</i> , 2008, 9, 1057-1060.	2.6	48
136	Stereochemical Determination of Thuggacins A-C, Highly Active Antibiotics from the Myxobacterium <i>Sorangium cellulosum</i> . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2308-2311.	13.8	46
137	Inductive Heating for Organic Synthesis by Using Functionalized Magnetic Nanoparticles Inside Microreactors. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8950-8953.	13.8	180
138	Total Synthesis of Thuggacin B. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9134-9137.	13.8	29
139	Palladium(0) Nanoparticles on Glass-Polymer Composite Materials as Recyclable Catalysts: A Comparison Study on their Use in Batch and Continuous Flow Processes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 717-730.	4.3	99
140	The chemistry and biology of the maytansinoid antitumor agents. <i>Comptes Rendus Chimie</i> , 2008, 11, 1523-1543.	0.5	42
141	<i>m</i> -Iodosylbenzoic acid, a tagged hypervalent iodine reagent for the iodo-functionalization of alkenes and alkynes. <i>Tetrahedron Letters</i> , 2008, 49, 1506-1509.	1.4	25
142	Preparation and X-ray Structures of 3-[Bis(trifluoroacetoxy)iodo]benzoic Acid and 3-[Hydroxy(tosyloxy)iodo]benzoic Acid: New Recyclable Hypervalent Iodine Reagents. <i>Journal of Organic Chemistry</i> , 2008, 73, 295-297.	3.2	42
143	Recent advances in the total synthesis of pharmaceutically relevant diterpenes. <i>Natural Product Reports</i> , 2008, 25, 318.	10.3	44
144	Synthetic and structural studies on macrocyclic amino cyclitols as conformational chameleons. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2412.	2.8	3

#	ARTICLE	IF	CITATIONS
145	Glycosidations of 2-deoxy glycosyl dithiophosphates using a tagged iodine(III)-promoter for simple purification. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 893.	2.8	11
146	Polymer-Assisted Dithane Hydrolysis with Minimum Workup. <i>Journal of Organic Chemistry</i> , 2008, 73, 2018-2020.	3.2	14
147	Highly Active Ammonium-Tagged Olefin-Metathesis Catalyst for Simplified Purification. <i>Synlett</i> , 2008, 2008, 2692-2696.	1.8	26
148	m-Iodosylbenzoic Acid as a Convenient Recyclable Reagent for Highly Efficient RuCl <sub>3</sub> -Catalyzed Oxidation of Alcohols to Carbonyl Compounds. <i>Synlett</i> , 2007, 2007, 0563-0566.	1.8	3
149	m-Iodosylbenzoic acid – a convenient recyclable reagent for highly efficient aromatic iodinations. <i>Beilstein Journal of Organic Chemistry</i> , 2007, 3, 19.	2.2	13
150	Enzyme-purification and catalytic transformations in a microstructured PASSflow reactor using a new tyrosine-based Ni-NTA linker system attached to a polyvinylpyrrolidone-based matrix. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3657-64.	2.8	45
151	Tagged Hypervalent Iodine Reagents: A New Purification Concept Based on Ion Exchange through S <sub>N</sub> 2 Substitution. <i>Organic Letters</i> , 2007, 9, 5199-5202.	4.6	17
152	Chemoenzymatic Approaches toward Dechloroansamitocin P-3. <i>Organic Letters</i> , 2007, 9, 1489-1492.	4.6	36
153	Total synthesis approaches to natural product derivatives based on the combination of chemical synthesis and metabolic engineering. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3245.	2.8	90
154	Sustainable Concepts in Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6786-6801.	13.8	328
155	Small and Versatile – Formyl Anion and Dianion Equivalents. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2387-2400.	2.4	26
156	Tonantzitlone and other Diterpenes from <i>Stillingia sanguinolenta</i> . <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5020-5026.	2.4	29
157	Synthetic access to spacer-linked 3,6-diamino-2,3,6-trideoxy- $\beta$ -D-glucopyranosides – potential aminoglycoside mimics for the inhibition of the HIV-1 TAR-RNA/Tat-peptide complex. <i>Carbohydrate Research</i> , 2007, 342, 1704-1714.	2.3	6
158	A New Concept for the Noncovalent Binding of a Ruthenium-Based Olefin Metathesis Catalyst to Polymeric Phases: A Preparation of a Catalyst on Raschig Rings. <i>Journal of the American Chemical Society</i> , 2006, 128, 13261-13267.	13.7	144
159	A green catalyst for green chemistry: Synthesis and application of an olefin metathesis catalyst bearing a quaternary ammonium group. <i>Green Chemistry</i> , 2006, 8, 685-688.	9.0	151
160	Synthesis of the N-Acetylcysteine Thioester of seco-Proansamitocin. <i>Organic Letters</i> , 2006, 8, 135-138.	4.6	30
161	Organische Chemie 2005. <i>Nachrichten Aus Der Chemie</i> , 2006, 54, 241-264.	0.0	0
162	Total Synthesis of Cyclic Diterpene Tonantzitlone Based on a Highly Stereoselective Substrate-Controlled Aldol Reaction and Ring-Closing Metathesis. <i>Chemistry - A European Journal</i> , 2006, 12, 8719-8734.	3.3	16

#	ARTICLE	IF	CITATIONS
163	Combining Enabling Techniques in Organic Synthesis: Continuous Flow Processes with Heterogenized Catalysts. <i>Chemistry - A European Journal</i> , 2006, 12, 5972-5990.	3.3	356
164	Determination of the Cryptic Stereochemistry of the First PKS Chain-Extension Step in Ansamitocin Biosynthesis by <i>Actinosynnema pretiosum</i> . <i>ChemBioChem</i> , 2006, 7, 1221-1225.	2.6	22
165	TAR-RNA recognition by a novel cyclic aminoglycoside analogue. <i>Nucleic Acids Research</i> , 2006, 34, 3599-3608.	14.5	29
166	Comparison and Evaluation of Two Immobilisation Techniques for Task Specific Onium Salts (TSOS) in Mizoroki-Heck Cross Coupling Reactions. <i>Letters in Organic Chemistry</i> , 2006, 3, 442-446.	0.5	12
167	Combining enabling techniques in organic synthesis: solid-phase-assisted catalysis under microwave conditions using a stable Pd(II)-precatalyst. <i>Tetrahedron</i> , 2005, 61, 12121-12130.	1.9	51
168	Practical TEMPO-Mediated Oxidation of Alcohols using Different Polymer-Bound Co-Oxidants. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1423-1434.	4.3	29
169	2-Pyridinealldoxime, a new ligand for a Pd-precatalyst: Application in solid-phase-assisted Suzuki-Miyaura reaction. <i>Molecular Diversity</i> , 2005, 9, 333-339.	3.9	18
170	Immobilisation of the Grubbs III Olefin Metathesis Catalyst with Polyvinyl Pyridine (PVP). <i>Synlett</i> , 2005, 2005, 2948-2952.	1.8	8
171	Total Synthesis and Elucidation of the Absolute Configuration of the Diterpene Tonantzitlolone. <i>Organic Letters</i> , 2005, 7, 479-482.	4.6	40
172	Manufacturing and Construction of PASSflow Reactors and Their Utilization in Suzuki-Miyaura Cross-Coupling Reactions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 8458-8467.	3.7	41
173	Acylation of Alkyl Halides and Amino Aldehydes with a Phosphane Oxide-Based d1-Synthon. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1149-1160.	2.4	8
174	Polymer-Bound Diphenylphosphane Hydrobromide, a Mild Acid for the Activation of Enol Ethers: Applications in Polymer-Assisted Glycosidations. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3435-3446.	2.4	26
175	Development of a Continuous-Flow System for Catalysis with Palladium(0) Particles. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3601-3610.	2.4	116
176	Continuous Flow Techniques in Organic Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.0	0
177	Acylation of Alkyl Halides and Amino Aldehydes with a Phosphane Oxide-Based d1-Synthon.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
178	Development of a Continuous-Flow System for Catalysis with Palladium(0) Particles.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
179	Towards the total synthesis of tonantzitlolone—preparation of key fragments and the complete carbon backbone. <i>Tetrahedron Letters</i> , 2004, 45, 4457-4460.	1.4	24
180	Synthesis of extended spacer-linked neooligodeoxysaccharides by metathesis olefination and evaluation of their RNA-binding properties. <i>Tetrahedron</i> , 2004, 60, 3505-3521.	1.9	12

#	ARTICLE	IF	CITATIONS
181	Preparation of macrocyclic <sup>15</sup> N-labelled oligoaminodeoxysaccharides as probes for RNA-binding. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3448.	2.8	12
182	Applications of Immobilized Catalysts in Continuous Flow Processes. <i>Topics in Current Chemistry</i> , 2004, 242, 209-239.	4.0	62
183	Organische Chemie 2003. <i>Nachrichten Aus Der Chemie</i> , 2004, 52, 267-291.	0.0	0
184	Polymer-Supported Bisacetoxybromate(I) Anion – An Efficient Co-Oxidant in the TEMPO-Mediated Oxidation of Primary and Secondary Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 635-642.	4.3	39
185	Festphasengestützte Synthese in Lösung mit minimalem Reinigungsaufwand – Herstellung von 2-Desoxyglycokonjugaten aus Thioglycosiden. <i>Angewandte Chemie</i> , 2003, 115, 1198-1202.	2.0	7
186	Optimierte NMR-Methode zur Bestimmung der Konfiguration chemisch äquivalenter vicinaler Protonen. <i>Angewandte Chemie</i> , 2003, 115, 1338-1341.	2.0	5
187	Polymer-Supported Bisacetoxybromate(I) Anion – An Efficient Co-Oxidant in the TEMPO-Mediated Oxidation of Primary and Secondary Alcohols.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
188	Continuous Flow Techniques in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2003, 9, 5708-5723.	3.3	443
189	Optimized NMR Spectroscopic Method for the Configurational Analysis of Chemically Equivalent Vicinal Protons. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1300-1302.	13.8	13
190	Anomeric activation of thioglycosides and preparation of deoxyglycosides using polymer-bound iodate(I) complexes. <i>Tetrahedron Letters</i> , 2003, 44, 637-639.	1.4	26
191	Polymer/carrier composites as materials and reactors for organic synthesis. <i>Journal of Chromatography A</i> , 2003, 1006, 241-249.	3.7	43
192	Solid-Phase-Assisted Solution-Phase Synthesis with Minimum Purification – Preparation of 2-Deoxyglycoconjugates from Thioglycosides. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1166-1170.	13.8	27
193	Polymer-bound haloate(I) anions by iodine(III)-mediated oxidation of polymer-bound iodide: Synthetic utility in natural product transformations. <i>Arkivoc</i> , 2003, 2003, 145-163.	0.5	15
194	Lithiated Dimethoxymethyl Diphenyl Phosphine Oxide, A Versatile Formiate Carbanion Equivalent. <i>Synlett</i> , 2002, 2002, 0525-0527.	1.8	10
195	First Preparation of Spacer-Linked Cyclic Neooligoaminodeoxysaccharides. <i>Chemistry - A European Journal</i> , 2002, 8, 2717.	3.3	38
196	Polymer-Assisted horner – Emmons olefination using PASSflow reactors: pure products without purification. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1833-1835.	2.2	35
197	The First Polymer-Assisted Solution-Phase Synthesis of Deoxyglycosides. <i>Organic Letters</i> , 2001, 3, 3623-3626.	4.6	41
198	Cohalogenation of Allyl and Vinylsilanes using Polymer-bound Haloate(I)-Reagents. <i>Molecules</i> , 2001, 6, 61-66.	3.8	10

#	ARTICLE	IF	CITATIONS
199	Functionalized Polymers-Emerging Versatile Tools for Solution-Phase Chemistry and Automated Parallel Synthesis. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 650-679.	13.8	375
200	PASSflow Syntheses Using Functionalized Monolithic Polymer/Glass Composites in Flow-Through Microreactors Part of these studies were supported by the Fonds der Chemischen Industrie and the European Community (EC project number HPRI-CT-1999-00085) for which we are grateful. PASSflow=Polymer Assisted Solution-Phase Synthesis technique in flow-through mode.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3995.	13.8	99
201	The "Resin-Capture-Release"-Hybrid Technique: A Merger between Solid- and Solution-Phase Synthesis. <i>Chemistry - A European Journal</i> , 2000, 6, 4445-4450.	3.3	59
202	Synthesis of Spacer-Linked Tail to Tail Dimers Derived from a Conformationally Rigid Aminodeoxysugar by Olefin Metathesis. <i>Synthesis</i> , 2000, 2000, 1133-1137.	2.3	8
203	A New Polymer-Attached Reagent for the Oxidation of Primary and Secondary Alcohols. <i>Organic Letters</i> , 2000, 2, 3781-3784.	4.6	58
204	Stereocontrolled Preparation of the C1-C14 Polyene Fragment of Benzenic Ansamycin Antibiotics Ansatrienin A and B. <i>Synlett</i> , 1999, 1999, 1624-1626.	1.8	9
205	Syntheses of spacer-linked neodisaccharides derived from l-daunosamine. <i>Tetrahedron Letters</i> , 1999, 40, 4665-4668.	1.4	20
206	Application of polymer-supported electrophilic reagents for the 1,2-functionalization of glycals. <i>Tetrahedron Letters</i> , 1999, 40, 8999-9002.	1.4	46
207	Asymmetric Nucleophilic Acylation of Aldehydes via 1,1-Heterodisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 1999, 5, 2270-2280.	3.3	37
208	Stable Polymer-Bound Iodine Azide. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2594-2596.	13.8	59
209	Preparation of Novel Haloazide Equivalents by Iodine(III)-Promoted Oxidation of Halide Anions. <i>Journal of Organic Chemistry</i> , 1999, 64, 6522-6526.	3.2	71
210	Reactions of Alkenes, Alkynes, and Alkoxyallenes with New Polymer-Supported Electrophilic Reagents. <i>Organic Letters</i> , 1999, 1, 2101-2104.	4.6	57
211	A Silicon-Mediated Synthesis of 3-Deoxy-D-manno-octulosonic Acid (KDO). <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2729-2732.	2.4	13
212	Phosphonium salts of diacetoxyiodine(I) anions, new reagents for the iodoacetoxylation of alkenes. <i>Chemical Communications</i> , 1998, , 33-34.	4.1	51
213	Iodine(III)-Initiated Bromoacetoxylation of Olefins. <i>Synlett</i> , 1998, 1998, 195-197.	1.8	50
214	A New Asymmetric Formylation of Aldehydes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 253-255.	4.4	21
215	Eine neue asymmetrische Formylierung von Aldehyden. <i>Angewandte Chemie</i> , 1997, 109, 253-255.	2.0	8
216	Biosynthesis of 3-Amino-5-hydroxybenzoic Acid, the Precursor of mC7N Units in Ansamycin Antibiotics. <i>Journal of the American Chemical Society</i> , 1996, 118, 7486-7491.	13.7	95

#	ARTICLE	IF	CITATIONS
217	Synthesis of Functionalized Cyclopentanes, Cyclohexanes and Cycloheptanes by a Silicon-Induced Domino Reaction. <i>Liebigs Annalen</i> , 1996, 1996, 1811-1821.	0.8	24
218	Synthesis of 4-amino 3,4-dideoxy-d-arabino-heptulosonic acid 7-phosphate, the biosynthetic precursor of C7N units in ansamycin antibiotics. <i>Carbohydrate Research</i> , 1994, 256, 245-256.	2.3	15
219	Cyclopentane durch eine Silicium-Induzierte Reaktionskaskade. <i>Angewandte Chemie</i> , 1994, 106, 220-221.	2.0	17
220	Inductive heating and flow chemistry – a perfect synergy of emerging enabling technologies. <i>Beilstein Journal of Organic Chemistry</i> , 0, 18, 688-706.	2.2	6