

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	Flow Chemistry – A Key Enabling Technology for (Multistep) Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 17-57.	4.3	575
2	Ten key issues in modern flow chemistry. <i>Chemical Communications</i> , 2011, 47, 4583.	4.1	571
3	Continuous Flow Techniques in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2003, 9, 5708-5723.	3.3	443
4	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
5	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
6	Sustainable Concepts in Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6786-6801.	13.8	328
7	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
8	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
9	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
10	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
11	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
12	Inductive Heating with Magnetic Materials inside Flow Reactors. <i>Chemistry - A European Journal</i> , 2011, 17, 1884-1893.	3.3	134
13	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
14	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
15	New Synthetic Opportunities in Miniaturized Flow Reactors with Inductive Heating. <i>Chemistry Letters</i> , 2012, 41, 562-570.	1.3	110
16	sp ³ -sp ³ Coupling reactions in the synthesis of natural products and biologically active molecules. <i>Natural Product Reports</i> , 2014, 31, 441.	10.3	105
17	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
18	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

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19	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
20	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
21	Multiple Organolithium Generation in the Continuous Flow Synthesis of Amitriptyline. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3375-3380.	4.3	87
22	Chemical Functionalization of Polysaccharides—Towards Biocompatible Hydrogels for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 1231-1240.	3.3	85
23	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
24	Elansolid A3, a Unique Quinone Methide Antibiotic from <i>Chitinophaga sancti</i> . <i>Chemistry - A European Journal</i> , 2011, 17, 7739-7744.	3.3	73
25	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
26	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
27	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
28	Continuous flow chemistry: a discovery tool for new chemical reactivity patterns. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3611-3615.	2.8	66
29	Applications of Immobilized Catalysts in Continuous Flow Processes. <i>Topics in Current Chemistry</i> , 2004, 242, 209-239.	4.0	62
30	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
31	Timing of the ^{10,12} → ^{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
32	Stable Polymer-Bound Iodine Azide. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2594-2596.	13.8	59
33	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
34	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
35	A New Polymer-Attached Reagent for the Oxidation of Primary and Secondary Alcohols. <i>Organic Letters</i> , 2000, 2, 3781-3784.	4.6	58
36	Broad Substrate Specificity of the Amide Synthase in <i>S. hygroscopicus</i> – New 20-Membered Macrolactones Derived from Geldanamycin. <i>Journal of the American Chemical Society</i> , 2012, 134, 1673-1679.	13.7	58

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37	Reactions of Alkenes, Alkynes, and Alkoxyallenes with New Polymer-Supported Electrophilic Reagents. <i>Organic Letters</i> , 1999, 1, 2101-2104.	4.6	57
38	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
39	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
40	Phosphonium salts of diacetoxyiodine(I) anions, new reagents for the iodoacetoxylation of alkenes. <i>Chemical Communications</i> , 1998, , 33-34.	4.1	51
41	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
42	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
43	Total Synthesis of Carolacton, a Highly Potent Biofilm Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1063-1066.	13.8	51
44	Coenzymes and Their Role in the Evolution of Life. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6242-6269.	13.8	51
45	Iodine(III)-Initiated Bromoacetoxylation of Olefins. <i>Synlett</i> , 1998, 1998, 195-197.	1.8	50
46	New, Highly Active Nonbenzoquinone Geldanamycin Derivatives by Using Mutasynthesis. <i>ChemBioChem</i> , 2009, 10, 1801-1805.	2.6	50
47	Highly Active Ansamitocin Derivatives: Mutasynthesis Using an AHBA-Blocked Mutant. <i>ChemBioChem</i> , 2008, 9, 1057-1060.	2.6	48
48	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
49	Exploiting the Synthetic Potential of Sesquiterpene Cyclases for Generating Unnatural Terpenoids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11802-11806.	13.8	47
50	Application of polymer-supported electrophilic reagents for the 1,2-functionalization of glycals. <i>Tetrahedron Letters</i> , 1999, 40, 8999-9002.	1.4	46
51	Stereochemical Determination of Thuggacins...A ¹⁴ C, Highly Active Antibiotics from the Myxobacterium <i>Sorangium cellulosum</i> . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2308-2311.	13.8	46
52	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
53	Elansolid...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
54	[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

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55	Recent advances in the total synthesis of pharmaceutically relevant diterpenes. <i>Natural Product Reports</i> , 2008, 25, 318.	10.3	44
56	Polymer/carrier composites as materials and reactors for organic synthesis. <i>Journal of Chromatography A</i> , 2003, 1006, 241-249.	3.7	43
57	Nature-driven approaches to non-natural terpene analogues. <i>Natural Product Reports</i> , 2020, 37, 1080-1097.	10.3	43
58	The chemistry and biology of the maytansinoid antitumor agents. <i>Comptes Rendus Chimie</i> , 2008, 11, 1523-1543.	0.5	42
59	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
60	The First Polymer-Assisted Solution-Phase Synthesis of Deoxyglycosides. <i>Organic Letters</i> , 2001, 3, 3623-3626.	4.6	41
61	Manufacturing and Construction of PASSflow Reactors and Their Utilization in Suzuki-Miyaura Cross-Coupling Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 8458-8467.	3.7	41
62	Total Synthesis and Elucidation of the Absolute Configuration of the Diterpene Tonantzitlolone. <i>Organic Letters</i> , 2005, 7, 479-482.	4.6	40
63	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
64	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
65	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
66	First Preparation of Spacer-Linked Cyclic Neooligoaminodeoxysaccharides. <i>Chemistry - A European Journal</i> , 2002, 8, 2717.	3.3	38
67	Asymmetric Nucleophilic Acylation of Aldehydes via 1,1-Heterodisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 1999, 5, 2270-2280.	3.3	37
68	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
69	Chemoenzymatic Approaches toward Dechloroansamitocin P-3. <i>Organic Letters</i> , 2007, 9, 1489-1492.	4.6	36
70	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
71	Homo- and heterogeneous Ru-based metathesis catalysts in cross-metathesis of 15-allylestrone towards 17 β -hydroxysteroid dehydrogenase type 1 inhibitors. <i>Tetrahedron Letters</i> , 2008, 49, 3019-3022.	1.4	34
72	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

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73	Lessons from the Synthetic Chemist Nature. <i>Natural Product Reports</i> , 2015, 32, 723-737.	10.3	33
74	Mutational Biosynthesis of Ansamitocin Antibiotics: A Diversity-Oriented Approach to Exploit Biosynthetic Flexibility. <i>ChemBioChem</i> , 2011, 12, 540-547.	2.6	32
75	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
76	Synthesis of the N-Acetylcysteamine Thioester of seco-Proansamitocin. <i>Organic Letters</i> , 2006, 8, 135-138.	4.6	30
77	Two-Step Flow Synthesis of Biarylmethanes by Reductive Arylation of Tosylhydrazones. <i>Journal of Flow Chemistry</i> , 2013, 3, 11-16.	1.9	30
78	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
79	TAR-RNA recognition by a novel cyclic aminoglycoside analogue. <i>Nucleic Acids Research</i> , 2006, 34, 3599-3608.	14.5	29
80	Tonantzitlolone and other Diterpenes from <i>Stillingia sanguinolenta</i> . <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5020-5026.	2.4	29
81	Total Synthesis of Thuggacin B. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9134-9137.	13.8	29
82	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
83	Total Synthesis of the Antibiotic Elansolid B1. <i>Organic Letters</i> , 2014, 16, 568-571.	4.6	28
84	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
85	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
86	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
87	Small and Versatile Formyl Anion and Dianion Equivalents. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2387-2400.	2.4	26
88	Highly Active Ammonium-Tagged Olefin-Metathesis Catalyst for Simplified Purification. <i>Synlett</i> , 2008, 2008, 2692-2696.	1.8	26
89	Combined Mutation 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
90	Externally Induced Drug Release Systems with Magnetic Nanoparticle Carriers: An Emerging Field in Nanomedicine. <i>Advanced Therapeutics</i> , 2019, 2, 1800092.	3.2	26

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91	m-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
92	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
93	Synthesis of Functionalized Cyclopentanes, Cyclohexanes and Cycloheptanes by a Silicon-Induced Domino Reaction. <i>Liebigs Annalen</i> , 1996, 1996, 1811-1821.	0.8	24
94	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
95	Stereocontrolled palladium-catalysed umpolung allylation of aldehydes with allyl acetates. <i>Tetrahedron</i> , 2010, 66, 6450-6456.	1.9	24
96	Bioorthogonal metal-free click-ligation of cRGD-pentapeptide to alginate. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5547.	2.8	24
97	Inductively Heated Oxides Inside Microreactors – Facile Oxidations under Flow Conditions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4372-4375.	2.4	23
98	Microarray-based screening of heat shock protein inhibitors. <i>Journal of Biotechnology</i> , 2014, 180, 1-9.	3.8	23
99	Synthetic terpenoids in the world of fragrances: Iso E Super is the showcase. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2590-2602.	2.2	23
100	Methyl-Shifted Farnesyldiphosphate Derivatives Are Substrates for Sesquiterpene Cyclases. <i>Organic Letters</i> , 2020, 22, 4360-4365.	4.6	23
101	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
102	Precursor-Directed Syntheses and Biological Evaluation of New Elansolid Derivatives. <i>ChemBioChem</i> , 2012, 13, 1813-1817.	2.6	22
103	A New Asymmetric Formylation of Aldehydes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 253-255.	4.4	21
104	Substrate-controlled stereoselectivity in the Yamamoto aldol reaction. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7721.	2.8	21
105	Synthesis of a Cytotoxic Ansamycin Hybrid. <i>Organic Letters</i> , 2014, 16, 3000-3003.	4.6	21
106	Preparation of new alkyne-modified ansamitocins by mutasynthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 535-543.	2.2	21
107	Syntheses of spacer-linked neodisaccharides derived from l-daunosamine. <i>Tetrahedron Letters</i> , 1999, 40, 4665-4668.	1.4	20
108	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

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109	Total Synthesis of a Noricumazole...A Library and Evaluation of HCV Inhibition. Chemistry - A European Journal, 2012, 18, 9083-9090.	3.3	19
110	The natural diterpene tonantzitlolone A and its synthetic enantiomer inhibit cell proliferation and kinesin-5 function. European Journal of Medicinal Chemistry, 2016, 112, 164-170.	5.5	19
111	Erweiterung des synthetischen Potenzials von Sesquiterpencyclasen zur Erzeugung von nichtnat�rlichen Terpenoiden. Angewandte Chemie, 2018, 130, 11976-11980.	2.0	19
112	2-Pyridinealdoxime, a new ligand for a Pd-precatalyst: Application in solid-phase-assisted Suzuki-Miyaura reaction. Molecular Diversity, 2005, 9, 333-339.	3.9	18
113	Comparison of monomode and multimode microwave equipment in Suzuki-Miyaura reactions en route to high throughput parallel synthesis under microwave conditions. Tetrahedron Letters, 2008, 49, 3204-3207.	1.4	18
114	Cyclization of Synthetic secoproansamitocins to Ansamitocin Macrolactams by Actinosynnema pretiosum as Biocatalyst. ChemBioChem, 2010, 11, 2517-2520.	2.6	18
115	Flow Synthesis in Hot Water: Synthesis of the Atypical Antipsychotic Iloperidone. Chemistry - A European Journal, 2016, 22, 3044-3052.	3.3	18
116	Harnessing a p-quinone Methide Intermediate in the Biomimetic Total Synthesis of the Highly Active Antibiotic Deoxyelansolid B1. Chemistry - A European Journal, 2017, 23, 5291-5298.	3.3	18
117	Two new labdane diterpenoids and one new �-lactam from the aerial parts of Roylea cinerea. Phytochemistry Letters, 2017, 19, 101-107.	1.2	18
118	Cystobactamid 507: Concise Synthesis, Mode of Action, and Optimization toward More Potent Antibiotics. Chemistry - A European Journal, 2020, 26, 7219-7225.	3.3	18
119	Cyclopentane durch eine Silicium-induzierte Reaktionskaskade. Angewandte Chemie, 1994, 106, 220-221.	2.0	17
120	Tagged Hypervalent Iodine Reagents: A New Purification Concept Based on Ion Exchange through SN2 Substitution. Organic Letters, 2007, 9, 5199-5202.	4.6	17
121	Preparation of Thermocleavable Conjugates Based on Ansamitocin and Superparamagnetic Nanostructured Particles by a Chemobiosynthetic Approach. Chemistry - A European Journal, 2014, 20, 17541-17551.	3.3	17
122	New, Non-quinone Fluorogeldanamycin Derivatives Strongly Inhibit Hsp90. ChemBioChem, 2015, 16, 302-311.	2.6	17
123	The biofilm inhibitor Carolacton inhibits planktonic growth of virulent pneumococci via a conserved target. Scientific Reports, 2016, 6, 29677.	3.3	17
124	Total Synthesis of Cyclic Diterpene Tonantzitlolone Based on a Highly Stereoselective Substrate-Controlled Aldol Reaction and Ring-Closing Metathesis. Chemistry - A European Journal, 2006, 12, 8719-8734.	3.3	16
125	Chemical Synthesis with Inductively Heated Copper Flow Reactors. Synlett, 2010, 2010, 2009-2013.	1.8	16
126	Towards a biocompatible artificial lung: Covalent functionalization of poly(4-methylpent-1-ene) (TPX) with RGD pentapeptide. Beilstein Journal of Organic Chemistry, 2013, 9, 270-277.	2.2	16

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127	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
128	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
129	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
130	Development of a microarray-based assay for efficient testing of new HSP70/DnaK inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6345-6352.	3.0	15
131	2-Iodoxybenzoic Acid Tosylates: the Alternative to Dess-Martin Periodinane Oxidizing Reagents. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3207-3216.	4.3	15
132	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
133	Mechanistic Similarities of Sesquiterpene Cyclases PenA, Omp6/7, and BcBOT2 Are Unraveled by an Unnatural α -FPP-Ether-Derivative. <i>Organic Letters</i> , 2021, 23, 3162-3166.	4.6	15
134	Matteson Reaction under Flow Conditions: Iterative Homologations of Terpenes. <i>Organic Letters</i> , 2021, 23, 4300-4304.	4.6	15
135	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
136	Polymer-Assisted Dithane Hydrolysis with Minimum Workup. <i>Journal of Organic Chemistry</i> , 2008, 73, 2018-2020.	3.2	14
137	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
138	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
139	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
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