

Radek Pohl

List of Publications by Year in descending order

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274
papers

8,229
citations

50276

46
h-index

85541

71
g-index

344
all docs

344
docs citations

344
times ranked

6738
citing authors

#	ARTICLE	IF	CITATIONS
1	A Diastereoselective Catalytic Approach to Pentasubstituted Pyrrolidines by Tandem Anionicâ€Radical Crossâ€Over Reactions. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 671-678.	4.3	2
2	Glyoxalâ€Linked Nucleotides and DNA for Bioconjugations and Crosslinking with Arginineâ€Containing Peptides and Proteins. <i>Chemistry - A European Journal</i> , 2022, 28, e202104208.	3.3	5
3	Unlocking the Hydrolytic Mechanism of GH92 Î±â€1,2â€Mannosidases: Computation Inspires the use of Câ€Glycosides as Michaelis Complex Mimics. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	6
4	Loss of UCP1 function augments recruitment of futile lipid cycling for thermogenesis in murine brown fat. <i>Molecular Metabolism</i> , 2022, 61, 101499.	6.5	30
5	Efficiently Computing NMR ¹ H and ¹³ C Chemical Shifts of Saccharides in Aqueous Environment. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4373-4386.	5.3	6
6	Homologues of epigenetic pyrimidines: 5-alkyl-, 5-hydroxyalkyl and 5-acyluracil and -cytosine nucleotides: synthesis, enzymatic incorporation into DNA and effect on transcription with bacterial RNA polymerase. <i>RSC Chemical Biology</i> , 2022, 3, 1069-1075.	4.1	5
7	LEGO-Lipophosphonoxins: A Novel Approach in Designing Membrane Targeting Antimicrobials. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10045-10078.	6.4	5
8	Multipodal insulin mimetics built on adamantane or proline scaffolds. <i>Bioorganic Chemistry</i> , 2021, 107, 104548.	4.1	3
9	1,2,4-Thiadiazole acyclic nucleoside phosphonates as inhibitors of cysteine dependent enzymes cathepsin K and GSK-3Î². <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 115998.	3.0	12
10	Î±,Î³-Dioxygenated amides via tandem Brook rearrangement/radical oxygenation reactions and their application to syntheses of Î³-lactams. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 688-704.	2.2	4
11	Carborane- or Metallacarborane-Linked Nucleotides for Redox Labeling. Orthogonal Multipotential Coding of all Four DNA Bases for Electrochemical Analysis and Sequencing. <i>Journal of the American Chemical Society</i> , 2021, 143, 7124-7134.	13.7	37
12	<i>Helicobacter pylori</i> Xanthineâ€Guanineâ€Hypoxanthine Phosphoribosyltransferaseâ€A Putative Target for Drug Discovery against Gastrointestinal Tract Infections. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5710-5729.	6.4	4
13	Synthesis and anti-trypanosomal activity of 3â€2-fluororibonucleosides derived from 7-deazapurine nucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127957.	2.2	6
14	First Total Synthesis of Phytoprostanes with Prostaglandinâ€Like Configuration, Evidence for Their Formation in Edible Vegetable Oils and Orienting Study of Their Biological Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 9556-9562.	3.3	3
15	Stereoselective Synthesis of (Z)-Î²-Enamido Fluorides from N-Fluoroalkyl- and N-Sulfonyl-1,2,3-triazoles. <i>Organic Letters</i> , 2021, 23, 4224-4227.	4.6	9
16	Facile Approach to Câ€Glucosides by Using a Protectingâ€Groupâ€Free Hiyama Crossâ€Coupling Reaction: Highâ€Yielding Dapagliflozin Synthesis. <i>Chemistry - A European Journal</i> , 2021, 27, 10583-10588.	3.3	6
17	Facile Approach to Câ€Glucosides by Using a Protectingâ€Groupâ€Free Hiyama Crossâ€Coupling Reaction: Highâ€Yielding Dapagliflozin Synthesis. <i>Chemistry - A European Journal</i> , 2021, 27, 10488.	3.3	0
18	1,3â€Diketoneâ€Modified Nucleotides and DNA for Crossâ€Linking with Arginineâ€Containing Peptides and Proteins. <i>Angewandte Chemie</i> , 2021, 133, 17523-17527.	2.0	3

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19	1,3-Diketone-Modified Nucleotides and DNA for Cross-Linking with Arginine-Containing Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17383-17387.	13.8	19
20	RelA-SpoT Homolog toxins pyrophosphorylate the CCA end of tRNA to inhibit protein synthesis. <i>Molecular Cell</i> , 2021, 81, 3160-3170.e9.	9.7	26
21	Nonhydrolysable Analogues of (p)ppGpp and (p)ppApp Alarmone Nucleotides as Novel Molecular Tools. <i>ACS Chemical Biology</i> , 2021, 16, 1680-1691.	3.4	2
22	Antiviral Activity of 7-Substituted 7-Deazapurine Ribonucleosides, Monophosphate Prodrugs, and Triphosphates against Emerging RNA Viruses. <i>ACS Infectious Diseases</i> , 2021, 7, 471-478.	3.8	22
23	Nucleotides bearing aminophenyl- or aminonaphthyl-3-methoxychromone solvatochromic fluorophores for the enzymatic construction of DNA probes for the detection of protein-DNA binding. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9966-9974.	2.8	8
24	Tuning of Oxidation Potential of Ferrocene for Ratiometric Redox Labeling and Coding of Nucleotides and DNA. <i>Chemistry - A European Journal</i> , 2020, 26, 1286-1291.	3.3	33
25	Thiophene-linked tetramethylbodipy-labeled nucleotide for viscosity-sensitive oligonucleotide probes of hybridization and protein-DNA interactions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 912-919.	2.8	24
26	Pyrido-Fused Deazapurine Bases: Synthesis and Glycosylation of 4-Substituted 9 <i>H</i> -Pyrido[2,3- <i>d</i>]pyrimidines and Pyrido[4,3- <i>d</i>]pyrrolo[2,3- <i>d</i>]pyrimidines. <i>ACS Omega</i> , 2020, 5, 26278-26286.	3.5	1
27	Chelating Polymers for Hereditary Hemochromatosis Treatment. <i>Macromolecular Bioscience</i> , 2020, 20, 2000254.	4.1	5
28	Di(benzothienyl)cyclobutenes: Toward Strained Photoswitchable Fluorophores. <i>ChemPlusChem</i> , 2020, 85, 2084-2092.	2.8	3
29	Additive Effects of Omega-3 Fatty Acids and Thiazolidinediones in Mice Fed a High-Fat Diet: Triacylglycerol/Fatty Acid Cycling in Adipose Tissue. <i>Nutrients</i> , 2020, 12, 3737.	4.1	13
30	Photocaged 5-(Hydroxymethyl)pyrimidine Nucleoside Phosphoramidites for Specific Photoactivatable Epigenetic Labeling of DNA. <i>Organic Letters</i> , 2020, 22, 9081-9085.	4.6	7
31	Enzymatic synthesis of hypermodified DNA polymers for sequence-specific display of four different hydrophobic groups. <i>Nucleic Acids Research</i> , 2020, 48, 11982-11993.	14.5	19
32	Helquats as Promoters of the Povarov Reaction: Synthesis of 1,2,3,4-Tetrahydroquinoline Scaffolds Catalyzed by Helicene-Viologen Hybrids. <i>ChemPlusChem</i> , 2020, 85, 2212-2218.	2.8	9
33	Application of the Brook Rearrangement in Tandem with Single Electron Transfer Oxidative and Radical Processes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2854-2866.	2.4	5
34	Nucleotide-Bearing Benzylidene-Tetrahydroxanthylum Near-IR Fluorophore for Sensing DNA Replication, Secondary Structures and Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, 11950-11954.	3.3	18
35	Straightforward synthesis of protected 2-hydroxyglycals by chlorination-dehydrochlorination of carbohydrate hemiacetals. <i>Carbohydrate Research</i> , 2020, 496, 108086.	2.3	2
36	Immunoactive polysaccharides produced by heterotrophic mutant of green microalga <i>Parachlorella kessleri</i> HY1 (Chlorellaceae). <i>Carbohydrate Polymers</i> , 2020, 246, 116588.	10.2	19

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37	Tandem Anionic oxyâ€Cope Rearrangement/Oxygenation Reactions as a Versatile Method for Approaching Diverse Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6160-6165.	13.8	16
38	Synthesis and Cytotoxic and Antiviral Activity Profiling of Allâ€Four Isomeric Series of Pyridoâ€Fused 7â€Deazapurine Ribonucleosides. <i>Chemistry - A European Journal</i> , 2020, 26, 13002-13015.	3.3	12
39	Synthesis, Photophysical Properties, and Biological Profiling of Benzothieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 8085-8101.	3.2	7
40	Tandemreaktionen aus anionischer Oxyâ€Copeâ€Umlagerung und Oxygenierung als vielseitiger Zugang zu verschiedenartigen GerÃ¼sten. <i>Angewandte Chemie</i> , 2020, 132, 6218-6223.	2.0	2
41	Preparation and redox properties of fluorinated 1,3-diphenylisobenzofurans. <i>Electrochimica Acta</i> , 2019, 321, 134659.	5.2	4
42	Synthesis of fluorinated acyclic nucleoside phosphonates with 5-azacytosine base moiety. <i>Tetrahedron</i> , 2019, 75, 130529.	1.9	4
43	Squaramateâ€Modified Nucleotides and DNA for Specific Crossâ€Linking with Lysineâ€Containing Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13345-13348.	13.8	27
44	Photochemical CâˆH Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie</i> , 2019, 131, 12570-12575.	2.0	9
45	Squaramateâ€Modified Nucleotides and DNA for Specific Crossâ€Linking with Lysineâ€Containing Peptides and Proteins. <i>Angewandte Chemie</i> , 2019, 131, 13479-13482.	2.0	13
46	Sulfide, sulfoxide and sulfone bridged acyclic nucleoside phosphonates as inhibitors of the Plasmodium falciparum and human 6-oxopurine phosphoribosyltransferases: Synthesis and evaluation. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111667.	5.5	12
47	Photochemical CâˆH Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12440-12445.	13.8	23
48	First total synthesis of <i>ent</i> -asperparaline C and assignment of the absolute configuration of asperparaline C. <i>Chemical Communications</i> , 2019, 55, 3931-3934.	4.1	21
49	Enantioselective resolution of side-chain modified gem-difluorinated alcohols catalysed by <i>Candida antarctica</i> lipase B and monitored by capillary electrophoresis. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1246-1253.	3.0	10
50	Utilization of 1,3-Dioxolanes in the Synthesis of \pm -branched Alkyl and Aryl 9-[2-(Phosphonomethoxy)Ethyl]Purines and Study of the Influence of \pm -branched Substitution for Potential Biological Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 119-156.	1.1	1
51	Asymmetric Synthesis of Nonracemic 2-Amino[6]helicenes and Their Self-Assembly into Langmuir Films. <i>Journal of Organic Chemistry</i> , 2018, 83, 5523-5538.	3.2	35
52	Isomeric Naphthoâ€Fused 7â€Deazapurine Nucleosides and Nucleotides: Synthesis, Biological Activity, Photophysical Properties and Enzymatic Incorporation to Nucleic Acids. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5092-5108.	2.4	11
53	The Control of the Tautomeric Equilibrium of Isocytosine by Intermolecular Interactions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5128-5135.	2.4	8
54	Design of <i>Plasmodium vivax</i> Hypoxanthine-Guanine Phosphoribosyltransferase Inhibitors as Potential Antimalarial Therapeutics. <i>ACS Chemical Biology</i> , 2018, 13, 82-90.	3.4	22

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55	Pyrrrolidine nucleoside bisphosphonates as antituberculosis agents targeting hypoxanthine-guanine phosphoribosyltransferase. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 10-22.	5.5	10
56	Synthesis and Cytotoxic and Antiviral Profiling of Pyrrolo- and Furo-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9347-9359.	6.4	24
57	Synthesis of 2'-deoxycytidine and its triphosphate bearing tryptophan-based imidazolinone fluorophore for environment sensitive fluorescent labelling of DNA. <i>Tetrahedron</i> , 2018, 74, 6621-6629.	1.9	10
58	Brightly Fluorescent 2'-Deoxyribonucleoside Triphosphates Bearing Methylated Bodipy Fluorophore for <i>in Cellulo</i> Incorporation to DNA, Imaging, and Flow Cytometry. <i>Bioconjugate Chemistry</i> , 2018, 29, 3906-3912.	3.6	27
59	MOP and EE Protecting Groups in Synthesis of 1- or 2-Naphthyl-C-Glycosides from Glycols. <i>ACS Omega</i> , 2018, 3, 7875-7887.	3.5	14
60	Enzymatic synthesis of base-modified RNA by T7 RNA polymerase. A systematic study and comparison of 5-substituted pyrimidine and 7-substituted 7-deazapurine nucleoside triphosphates as substrates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5800-5807.	2.8	34
61	Proton transfer in guanine-cytosine base pair analogues studied by NMR spectroscopy and PIMD simulations. <i>Faraday Discussions</i> , 2018, 212, 331-344.	3.2	28
62	2'-Allyl- and Propargylamino-dATPs for Site-Specific Enzymatic Introduction of a Single Modification in the Minor Groove of DNA. <i>Chemistry - A European Journal</i> , 2018, 24, 14938-14941.	3.3	19
63	Thienopyrrolo[2,3-d]pyrimidines, New Tricyclic Nucleobase Analogues: Synthesis and Biological Activities. <i>ChemistrySelect</i> , 2018, 3, 9144-9149.	1.5	2
64	Acyclic nucleoside phosphonates with unnatural nucleobases, favipiravir and allopurinol, designed as potential inhibitors of the human and <i>Plasmodium falciparum</i> 6-oxopurine phosphoribosyltransferases. <i>Tetrahedron</i> , 2018, 74, 5886-5897.	1.9	11
65	Unique Stereoselective Homolytic C=O Bond Activation in Diketopiperazine-Derived Alkoxyamines by Adjacent Amide Pyramidalization. <i>Chemistry - A European Journal</i> , 2018, 24, 15336-15345.	3.3	7
66	Stepwise triple-click functionalization of synthetic peptides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5960-5964.	2.8	10
67	Lithium Chloride Catalyzed Asymmetric Domino Aza-Michael Addition/[3 + 2] Cycloaddition Reactions for the Synthesis of Spiro- and Bicyclic 1,2,3-Triamino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5213-5221.	2.4	3
68	Flexible Alkyne-Linked Thymidine Phosphoramidites and Triphosphates for Chemical or Polymerase Synthesis and Fast Postsynthetic DNA Functionalization through Copper-Catalyzed Alkyne-Azide 1,3-Dipolar Cycloaddition. <i>Organic Letters</i> , 2018, 20, 3962-3965.	4.6	26
69	Helicenes as Chirality-Inducing Groups in Transition-Metal Catalysis: The First Helically Chiral Olefin Metathesis Catalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 10994-10998.	3.3	32
70	Synthesis of Nucleosides through Direct Glycosylation of Nucleobases with 5'-Monoprotected or 5'-Modified Ribose: Improved Protocol, Scope, and Mechanism. <i>Chemistry - A European Journal</i> , 2017, 23, 3910-3917.	3.3	30
71	Synthesis and Cytostatic and Antiviral Profiling of Thieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2411-2424.	6.4	33
72	Sequential Oxidative and Reductive Radical Cyclization Approach toward Asperparaline C and Synthesis of Its 8-Oxo Analogue. <i>Organic Letters</i> , 2017, 19, 1152-1155.	4.6	13

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73	The discovery of pyridinium 1,2,4-triazines with enhanced performance in bioconjugation reactions. <i>Chemical Science</i> , 2017, 8, 3593-3598.	7.4	35
74	Molecular mutagenesis of ppGpp: turning a RelA activator into an inhibitor. <i>Scientific Reports</i> , 2017, 7, 41839.	3.3	21
75	Ferrocenyl helquats: unusual chiral organometallic nonlinear optical chromophores. <i>Dalton Transactions</i> , 2017, 46, 1052-1064.	3.3	19
76	Limitations in the description of conformational preferences of C-disaccharides: The (1 \rightarrow 3)-C-mannobiose case. <i>Carbohydrate Research</i> , 2017, 451, 42-50.	2.3	7
77	Trifluoroacetophenone-Linked Nucleotides and DNA for Studying of DNA-Protein Interactions by ¹⁹ F NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2017, 82, 11431-11439.	3.2	14
78	Total syntheses of all tri-oxygenated 16-phytoprostane classes via a common precursor constructed by oxidative cyclization and alkyl-alkyl coupling reactions as the key steps. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9408-9414.	2.8	9
79	Sugar modified pyrimido[4,5- <i>b</i>]indole nucleosides: synthesis and antiviral activity. <i>MedChemComm</i> , 2017, 8, 1856-1862.	3.4	13
80	Phenothiazine-linked nucleosides and nucleotides for redox labelling of DNA. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6984-6996.	2.8	13
81	Tunable Chiral Second-Order Nonlinear Optical Chromophores Based on Helquat Dications. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5842-5855.	2.5	11
82	Lipophosphonoxins II: Design, Synthesis, and Properties of Novel Broad Spectrum Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6098-6118.	6.4	29
83	Resolving Electronic Transitions in Synthetic Fluorescent Protein Chromophores by Magnetic Circular Dichroism. <i>ChemPhysChem</i> , 2016, 17, 2348-2354.	2.1	5
84	Structural revisions of small molecules reported to cross-link G-quadruplex DNA in vivo reveal a repetitive assignment error in the literature. <i>Scientific Reports</i> , 2016, 6, 23499.	3.3	7
85	2-Substituted dATP Derivatives as Building Blocks for Polymerase-Catalyzed Synthesis of DNA Modified in the Minor Groove. <i>Angewandte Chemie</i> , 2016, 128, 16088-16091.	2.0	19
86	Copper-mediated arylsulfanylations and arylselanylations of pyrimidine or 7-deazapurine nucleosides and nucleotides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10018-10022.	2.8	13
87	Chemical systematics of Neotropical termite genera with symmetrically snapping soldiers (Termitidae: Tj ETQq1 1 0.784314 rgBT /Over	2.3	3
88	Additions of Thiols to 7-Vinyl-7-deazaadenine Nucleosides and Nucleotides. Synthesis of Hydrophobic Derivatives of 2-Deoxyadenosine, dATP and DNA. <i>Journal of Organic Chemistry</i> , 2016, 81, 11115-11125.	3.2	16
89	6-Aryl-4-amino-pyrimido[4,5- <i>b</i>]indole 2-deoxyribonucleoside triphosphates (benzo-fused 7-deaza-dATP) Tj ETQq1 1 0.784314 rgBT binding study. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4528-4535.	3.0	7
90	Novel and Efficient Synthesis of Difluorinated Derivatives of Acyclic Nucleoside Phosphonates (ANPs). <i>ChemistrySelect</i> , 2016, 1, 2102-2106.	1.5	6

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91	Chloroacetamide-Linked Nucleotides and DNA for Cross-Linking with Peptides and Proteins. <i>Bioconjugate Chemistry</i> , 2016, 27, 2089-2094.	3.6	34
92	[2+2+2] Cycloisomerisation of Aromatic Cyanodiyne in the Synthesis of Pyridohelicenes and Their Analogues. <i>Chemistry - A European Journal</i> , 2016, 22, 14401-14405.	3.3	41
93	2-Substituted dATP Derivatives as Building Blocks for Polymerase-Catalyzed Synthesis of DNA Modified in the Minor Groove. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15856-15859.	13.8	56
94	2,3,4-Tetrasubstituted Pyrrolidines through Tandem Lithium Amide Conjugate Addition/Radical Cyclization/Oxygenation Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3862-3871.	2.4	11
95	Oxidative radical cyclizations of diketopiperazines bearing an amidomalonate unit. Heterointermediate reaction sequences toward the asperparalines and stephacidins. <i>Free Radical Research</i> , 2016, 50, S6-S17.	3.3	7
96	Solvatochromic fluorene-linked nucleoside and DNA as color-changing fluorescent probes for sensing interactions. <i>Chemical Science</i> , 2016, 7, 5775-5785.	7.4	55
97	Crystal structure of Mycobacterium tuberculosis O ⁶ -methylguanine-DNA methyltransferase protein clusters assembled on to damaged DNA. <i>Biochemical Journal</i> , 2016, 473, 123-133.	3.7	18
98	Structural analysis and anti-obesity effect of a pectic polysaccharide isolated from Korean mulberry fruit Oddi (<i>Morus alba</i> L.). <i>Carbohydrate Polymers</i> , 2016, 146, 187-196.	10.2	92
99	Helquat Dyes: Helicene-like Push-Pull Systems with Large Second-Order Nonlinear Optical Responses. <i>Journal of Organic Chemistry</i> , 2016, 81, 1912-1920.	3.2	60
100	Flexible double-headed cytosine-linked 2-deoxycytidine nucleotides. Synthesis, polymerase incorporation to DNA and interaction with DNA methyltransferases. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1268-1276.	3.0	13
101	Facile and Highly Diastereoselective Synthesis of syn- and cis-1,2-Diol Derivatives from Protected α -Hydroxy Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7785-7798.	2.4	10
102	Synthesis of Bridged Diketopiperazines by Using the Persistent Radical Effect and a Formal Synthesis of Bicyclomycin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12153-12157.	13.8	37
103	The evolution of symmetrical snapping in termite soldiers need not lead to reduced chemical defence. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 818-825.	1.6	5
104	Highly Functionalized Cyclopentane Derivatives by Tandem Michael Addition/Radical Cyclization/Oxygenation Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 9877-9888.	3.3	11
105	Insights into the Mechanism of Action of Bactericidal Lipophosphonoxins. <i>PLoS ONE</i> , 2015, 10, e0145918.	2.5	15
106	Determination of the Nucleic Acid Adducts Structure at the Nucleoside/Nucleotide Level by NMR Spectroscopy. <i>Chemical Research in Toxicology</i> , 2015, 28, 155-165.	3.3	1
107	Synthesis, conformational studies, and biological properties of phosphonomethoxyethyl derivatives of nucleobases with a locked conformation via a pyrrolidine ring. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4693-4705.	2.8	12
108	N-Branched acyclic nucleoside phosphonates as monomers for the synthesis of modified oligonucleotides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4449-4458.	2.8	6

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109	Modular Stereoselective Synthesis of (1 α ,2 α)-Glycosides based on the Suzuki-Miyaura Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 7043-7047.	3.3	17
110	Azidopropylvinylsulfonamide as a New Bifunctional Click Reagent for Bioorthogonal Conjugations: Application for DNA-Protein Cross-Linking. <i>Chemistry - A European Journal</i> , 2015, 21, 16091-16102.	3.3	20
111	Polymerase synthesis of DNA labelled with benzylidene cyanoacetamide-based fluorescent molecular rotors: fluorescent light-up probes for DNA-binding proteins. <i>Chemical Communications</i> , 2015, 51, 4880-4882.	4.1	53
112	Direct One-Pot Synthesis of Nucleosides from Unprotected or 5'-Monoprotected β -Ribose. <i>Organic Letters</i> , 2015, 17, 4604-4607.	4.6	32
113	Structural Features and Anti-coagulant Activity of the Sulphated Polysaccharide SPS-CF from a Green Alga <i>Capsosiphon fulvescens</i> . <i>Marine Biotechnology</i> , 2015, 17, 718-735.	2.4	49
114	Functional helquats: helical cationic dyes with marked, switchable chiroptical properties in the visible region. <i>Chemical Communications</i> , 2015, 51, 1583-1586.	4.1	45
115	Azidophenyl as a click-transformable redox label of DNA suitable for electrochemical detection of DNA-protein interactions. <i>Chemical Science</i> , 2015, 6, 575-587.	7.4	57
116	Pyrrolidine nucleotide analogs with a tunable conformation. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1967-1980.	2.2	5
117	NMR Studies of Purines. <i>Annual Reports on NMR Spectroscopy</i> , 2014, 82, 59-113.	1.5	14
118	Highly Functionalized and Potent Antiviral Cyclopentane Derivatives Formed by a Tandem Process Consisting of Organometallic, Transition-Metal-Catalyzed, and Radical Reaction Steps. <i>Chemistry - A European Journal</i> , 2014, 20, 10298-10304.	3.3	15
119	Asymmetric Domino Aza-Michael Addition/[3 + 2] Cycloaddition Reactions as a Versatile Approach to β , γ , δ -Triamino Acid Derivatives. <i>Organic Letters</i> , 2014, 16, 1088-1091.	4.6	22
120	N4-Acyl derivatives as lipophilic prodrugs of cidofovir and its 5-azacytosine analogue, (S)-HPMP-5-azaC: Chemistry and antiviral activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2896-2906.	3.0	11
121	Diethyl Fluoronitromethylphosphonate: Synthesis and Application in Nucleophilic Fluoroalkyl Additions. <i>Chemistry - A European Journal</i> , 2014, 20, 1453-1458.	3.3	23
122	Determination of the configuration in six-membered saturated heterocycles (N, P, S, Se) and their oxidation products using experimental and calculated NMR chemical shifts. <i>Tetrahedron</i> , 2014, 70, 3871-3886.	1.9	9
123	Methoxyphenol and Dihydrobenzofuran as Oxidizable Labels for Electrochemical Detection of DNA. <i>ChemPlusChem</i> , 2014, 79, 1703-1712.	2.8	9
124	Oxidative Catalysis Using the Stoichiometric Oxidant as a Reagent: An Efficient Strategy for Single-Electron-Transfer-Induced Tandem Anion-Radical Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9944-9948.	13.8	46
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