

Radek Pohl

List of Publications by Year in descending order

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274
papers

8,229
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50170

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times ranked

6738
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and antitumour activity of fucoïdan isolated from sporophyll of Korean brown seaweed <i>Undaria pinnatifida</i> . <i>Carbohydrate Polymers</i> , 2010, 81, 41-48.	5.1	376
2	Effective Manipulation of the Electronic Effects and Its Influence on the Emission of 5-Substituted Tris(8-quinolinolate) Aluminum(III) Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 4523-4535.	1.7	162
3	Red-Green-Blue Emission from Tris(5-aryl-8-quinolinolate)Al(III) Complexes. <i>Journal of Organic Chemistry</i> , 2004, 69, 1723-1725.	1.7	160
4	Emission Color Tuning in AlQ3 Complexes with Extended Conjugated Chromophores. <i>Organic Letters</i> , 2003, 5, 2769-2772.	2.4	153
5	Cytostatic 6-Arylpurine Nucleosides. 6-AR in Anti-HCV and Cytostatic Activity of Extended Series of 6-Hetarylpurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5869-5873.	2.9	137
6	Rapid Access to Dibenzohelicenes and their Functionalized Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9970-9975.	7.2	137
7	Aminophenyl- and Nitrophenyl-Labeled Nucleoside Triphosphates: Synthesis, Enzymatic Incorporation, and Electrochemical Detection. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2059-2062.	7.2	131
8	An Efficient Method for the Construction of Functionalized DNA Bearing Amino Acid Groups through Cross-Coupling Reactions of Nucleoside Triphosphates Followed by Primer Extension or PCR. <i>Chemistry - A European Journal</i> , 2007, 13, 6196-6203.	1.7	128
9	Direct C-H Arylation of Purines: Development of Methodology and Its Use in Regioselective Synthesis of 2,6,8-Trisubstituted Purines. <i>Organic Letters</i> , 2006, 8, 5389-5392.	2.4	124
10	Ferrocenylethynyl Derivatives of Nucleoside Triphosphates: Synthesis, Incorporation, Electrochemistry, and Bioanalytical Applications. <i>Chemistry - A European Journal</i> , 2007, 13, 9527-9533.	1.7	117
11	Cross-coupling reactions of unprotected halopurine bases, nucleosides, nucleotides and nucleoside triphosphates with 4-boronophenylalanine in water. Synthesis of (purin-8-yl)- and (purin-6-yl)phenylalanines. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2278-2284.	1.5	112
12	Direct Polymerase Synthesis of Reactive Aldehyde-Functionalized DNA and Its Conjugation and Staining with Hydrazines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1064-1066.	7.2	106
13	Helquats: A Facile, Modular, Scalable Route to Novel Helical Dications. <i>Chemistry - A European Journal</i> , 2009, 15, 1072-1076.	1.7	103
14	Synthesis and Significant Cytostatic Activity of 7-Hetaryl-7-deazaadenosines. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5498-5507.	2.9	101
15	Base-Modified DNA Labeled by [Ru(bpy) ₃] ²⁺ and [Os(bpy) ₃] ²⁺ Complexes: Construction by Polymerase Incorporation of Modified Nucleoside Triphosphates, Electrochemical and Luminescent Properties, and Applications. <i>Chemistry - A European Journal</i> , 2009, 15, 1144-1154.	1.7	96
16	Structural analysis and anti-obesity effect of a pectic polysaccharide isolated from Korean mulberry fruit <i>Oddi</i> (<i>Morus alba</i> L.). <i>Carbohydrate Polymers</i> , 2016, 146, 187-196.	5.1	92
17	Vinylsulfonamide and Acrylamide Modification of DNA for Cross-linking with Proteins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10515-10518.	7.2	83
18	Proline Zwitterion Dynamics in Solution, Glass, and Crystalline State. <i>Journal of the American Chemical Society</i> , 2006, 128, 13451-13462.	6.6	82

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19	Synthesis and Photophysical Properties of Biaryl-Substituted Nucleos(t)ides. Polymerase Synthesis of DNA Probes Bearing Solvatochromic and pH-Sensitive Dual Fluorescent and ¹⁹ F NMR Labels. <i>Journal of Organic Chemistry</i> , 2012, 77, 1026-1044.	1.7	81
20	GFP-like Fluorophores as DNA Labels for Studying DNA-Protein Interactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 8287-8293.	1.7	75
21	Synthesis of Aldehyde-Linked Nucleotides and DNA and Their Bioconjugations with Lysine and Peptides through Reductive Amination. <i>Chemistry - A European Journal</i> , 2012, 18, 4080-4087.	1.7	75
22	6-(Het)aryl-7-Deazapurine Ribonucleosides as Novel Potent Cytostatic Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 460-470.	2.9	73
23	Mekabu fucoidan: Structural complexity and defensive effects against avian influenza A viruses. <i>Carbohydrate Polymers</i> , 2014, 111, 633-644.	5.1	71
24	Labelling of nucleosides and oligonucleotides by solvatochromic 4-aminophthalimide fluorophore for studying DNA-protein interactions. <i>Chemical Science</i> , 2012, 3, 2797.	3.7	70
25	A General Approach to Optically Pure [5], [6], and [7]Heterohelicenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5857-5861.	7.2	70
26	Synthesis of 6,8,9-Tri- and 2,6,8,9-Tetrasubstituted Purines by a Combination of the Suzuki Cross-coupling, N-Arylation, and Direct C-H Arylation Reactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 9048-9054.	1.7	69
27	Modular and Practical Synthesis of 6-Substituted Pyridin-3-yl C-Nucleosides. <i>Journal of Organic Chemistry</i> , 2007, 72, 6797-6805.	1.7	68
28	Intramolecular Direct C-H Arylation Approach to Fused Purines. Synthesis of Purino[8,9- <i>f</i>]phenanthridines and 5,6-Dihydropurino[8,9- <i>a</i>]isoquinolines—Dedicated to the memory of Keith Fagnou. <i>Journal of Organic Chemistry</i> , 2010, 75, 2302-2308.	1.7	63
29	Helquat Dyes: Helicene-like Push-Pull Systems with Large Second-Order Nonlinear Optical Responses. <i>Journal of Organic Chemistry</i> , 2016, 81, 1912-1920.	1.7	60
30	The first direct C-H arylation of purine nucleosides. <i>Chemical Communications</i> , 2007, , 4729.	2.2	59
31	Antraquinone as a Redox Label for DNA: Synthesis, Enzymatic Incorporation, and Electrochemistry of Antraquinone-Modified Nucleosides, Nucleotides, and DNA. <i>Chemistry - A European Journal</i> , 2011, 17, 14063-14073.	1.7	59
32	Regioselective Direct C-H Arylations of Protected Uracils. Synthesis of 5- and 6-Aryluracil Bases. <i>Journal of Organic Chemistry</i> , 2011, 76, 5309-5319.	1.7	58
33	Direct C-H sulfenylation of purines and deazapurines. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5189.	1.5	57
34	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.	3.7	57
35	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.	7.2	56
36	Solvatochromic fluorene-linked nucleoside and DNA as color-changing fluorescent probes for sensing interactions. <i>Chemical Science</i> , 2016, 7, 5775-5785.	3.7	55

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37	Synthesis of C-Aryldeoxyribosides by [2 + 2 + 2]-Cyclootrimerization Catalyzed by Rh, Ni, Co, and Ru Complexes. <i>Organic Letters</i> , 2006, 8, 2051-2054.	2.4	54
38	Benzofurazane as a New Redox Label for Electrochemical Detection of DNA: Towards Multipotential Redox Coding of DNA Bases. <i>Chemistry - A European Journal</i> , 2013, 19, 12720-12731.	1.7	54
39	Transient and Switchable (Triethylsilyl)ethynyl Protection of DNA against Cleavage by Restriction Endonucleases. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8727-8730.	7.2	53
40	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.	2.2	53
41	Cleavage of Functionalized DNA Containing 5-Modified Pyrimidines by Type II Restriction Endonucleases. <i>ChemBioChem</i> , 2011, 12, 431-438.	1.3	52
42	Ester Prodrugs of Cyclic 1-(<i>S</i>)-[3-Hydroxy-2-(phosphonomethoxy)propyl]-5-azacytosine: Synthesis and Antiviral Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5765-5772.	2.9	50
43	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.	1.1	49
44	Synthesis of 2'-deoxyadenosine nucleosides bearing bipyridine-type ligands and their Ru-complexes in position 8 through cross-coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2849.	1.5	48
45	Synthesis of Enantiomerically Pure (Purin-6-yl)phenylalanines and Their Nucleosides, a Novel Type of Purine-Amino Acid Conjugates. <i>Journal of Organic Chemistry</i> , 2005, 70, 8001-8008.	1.7	47
46	Direct C-H borylation and C-H arylation of pyrrolo[2,3-d]pyrimidines: synthesis of 6,8-disubstituted 7-deazapurines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 866.	1.5	47
47	Synthesis and antiviral activity of 4,6-disubstituted pyrimido[4,5-b]indole ribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6123-6133.	1.4	47
48	Switching the Regioselectivity of Direct C-H Arylation of 1,3-Dimethyluracil. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3698-3701.	1.2	46
49	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.	7.2	46
50	Purines Bearing Phenanthroline or Bipyridine Ligands and Their RuII Complexes in Position 8 as Model Compounds for Electrochemical DNA Labeling – Synthesis, Crystal Structure, Electrochemistry, Quantum Chemical Calculations, Cytostatic and Antiviral Activity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1752-1769.	1.0	45
51	Functional helquats: helical cationic dyes with marked, switchable chiroptical properties in the visible region. <i>Chemical Communications</i> , 2015, 51, 1583-1586.	2.2	45
52	Materials chemistry approach to anion-sensor design. <i>Tetrahedron</i> , 2004, 60, 11163-11168.	1.0	44
53	Cross-Coupling Reaction of Saccharide-Based Alkenyl Boronic Acids with Aryl Halides: The Synthesis of Bergenin. <i>Chemistry - A European Journal</i> , 2014, 20, 4414-4419.	1.7	44
54	Strategies toward improving the performance of fluorescence-based sensors for inorganic anions. <i>Chemical Communications</i> , 2004, , 1282-1283.	2.2	43

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55	Synthesis of diastereomeric 3-hydroxy-4-pyrrolidinyl derivatives of nucleobases. <i>Tetrahedron</i> , 2007, 63, 1243-1253.	1.0	43
56	Synthesis of 8-bromo-, 8-methyl- and 8-phenyl-dATP and their polymerase incorporation into DNA. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3657.	1.5	43
57	Facile and Efficient Synthesis of 6-(Hydroxymethyl)purines. <i>Organic Letters</i> , 2004, 6, 3225-3228.	2.4	42
58	Synthesis of nucleoside and nucleotide conjugates of bile acids, and polymerase construction of bile acid-functionalized DNA. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1194.	1.5	42
59	[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.	1.7	41
60	New Modular and Efficient Approach to 6-Substituted Pyridin-2-yl C-Nucleosides. <i>Journal of Organic Chemistry</i> , 2006, 71, 7322-7328.	1.7	40
61	Synthesis and photophysical properties of 7-deaza-2- ϵ^2 -deoxyadenosines bearing bipyridine ligands and their Ru(ii)-complexes in position 7. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2852.	1.5	40
62	Alkylsulfanylphenyl Derivatives of Cytosine and 7-Deazaadenine Nucleosides, Nucleotides and Nucleoside Triphosphates: Synthesis, Polymerase Incorporation to DNA and Electrochemical Study. <i>Chemistry - A European Journal</i> , 2011, 17, 5833-5841.	1.7	40
63	[6]Saddlequat: a [6]helquat captured on its racemization pathway. <i>Chemical Science</i> , 2011, 2, 2314-2320.	3.7	37
64	Bodipy-Labeled Nucleoside Triphosphates for Polymerase Synthesis of Fluorescent DNA. <i>Bioconjugate Chemistry</i> , 2014, 25, 1984-1995.	1.8	37
65	Synthesis of Bridged Diketopiperazines by Using the Persistent Radical Effect and a Formal Synthesis of Bicyclomyacin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12153-12157.	7.2	37
66	Carborane- or Metallocarborane-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.	6.6	37
67	Regioselectivity in Cross-Coupling Reactions of 2,6,8-Trichloro-9-(tetrahydropyran-2-yl)purine: Synthesis of 2,6,8-Trisubstituted Purine Bases. <i>Synthesis</i> , 2004, 2004, 2869-2876.	1.2	36
68	The discovery of pyridinium 1,2,4-triazines with enhanced performance in bioconjugation reactions. <i>Chemical Science</i> , 2017, 8, 3593-3598.	3.7	35
69	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.	1.7	35
70	Synthesis of Acetylene Linked Double-Nucleobase Nucleos(t)ide Building Blocks and Polymerase Construction of DNA Containing Cytosines in the Major Groove. <i>Journal of Organic Chemistry</i> , 2011, 76, 3457-3462.	1.7	34
71	Chloroacetamide-Linked Nucleotides and DNA for Cross-Linking with Peptides and Proteins. <i>Bioconjugate Chemistry</i> , 2016, 27, 2089-2094.	1.8	34
72	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.	1.5	34

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73	A New Modular and Practical Methodology for the Synthesis of 4- or 3-Substituted Phenyl C-Nucleosides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4525-4528.	1.2	33
74	Synthesis and Cytostatic and Antiviral Profiling of Thieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2411-2424.	2.9	33
75	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.	1.7	33
76	The first synthesis and cytostatic activity of novel 6-(fluoromethyl)purine bases and nucleosides. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3001.	1.5	32
77	Synthesis of racemic and enantiomeric 3-pyrrolidinyl derivatives of nucleobases. <i>Tetrahedron</i> , 2006, 62, 5763-5774.	1.0	32
78	Aqueous Heck Cross-Coupling Preparation of Acrylate-Modified Nucleotides and Nucleoside Triphosphates for Polymerase Synthesis of Acrylate-Labeled DNA. <i>Journal of Organic Chemistry</i> , 2013, 78, 9627-9637.	1.7	32
79	Direct One-Pot Synthesis of Nucleosides from Unprotected or 5'-Monoprotected β -D-Ribose. <i>Organic Letters</i> , 2015, 17, 4604-4607.	2.4	32
80	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.	1.7	32
81	Microwave-Assisted Alkylation of $[CB_{11}H_{12}]^{-}$ and Related Anions. <i>Inorganic Chemistry</i> , 2010, 49, 10247-10254.	1.9	31
82	Sugar-modified derivatives of cytostatic 7-(het)aryl-7-deazaadenosines: 2'-C-methylribonucleosides, 2'-deoxy-2'-fluoroarabinonucleosides, arabinonucleosides and 2'-deoxyribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5202-5214.	1.4	31
83	Synthesis of Ester Prodrugs of 9-(S)-[3-Hydroxy-2-(phosphonomethoxy)propyl]-2,6-diaminopurine (HPMPDAP) as Anti-Poxvirus Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 6825-6837.	2.9	30
84	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.	1.7	30
85	Loss of UCP1 function augments recruitment of futile lipid cycling for thermogenesis in murine brown fat. <i>Molecular Metabolism</i> , 2022, 61, 101499.	3.0	30
86	Cyclophosphate Pronucleotides of Cytostatic 6-(Het)aryl-7-deazapurine Ribonucleosides: Synthesis, Cytostatic Activity, and Inhibition of Adenosine Kinases. <i>ChemMedChem</i> , 2010, 5, 1386-1396.	1.6	29
87	Direct Amination of Nitro(pentafluorosulfanyl)benzenes through Vicarious Nucleophilic Substitution of Hydrogen. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 02123-2126.	1.2	29
88	Lipophosphonoxins II: Design, Synthesis, and Properties of Novel Broad Spectrum Antibacterial Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6098-6118.	2.9	29
89	Proton transfer in guanine-cytosine base pair analogues studied by NMR spectroscopy and PIMD simulations. <i>Faraday Discussions</i> , 2018, 212, 331-344.	1.6	28
90	Synthesis of 2-Substituted 6-(Hydroxymethyl)purine Bases and Nucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1669-1695.	1.0	27

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91	4-alkoxy oligodeoxynucleotides: a novel class of RNA mimics. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8261.	1.5	27
92	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.	1.8	27
93	Squaramate-Modified Nucleotides and DNA for Specific Cross-Linking with Lysine-Containing Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13345-13348.	7.2	27
94	Synthesis and biological activity of benzo-fused 7-deazaadenosine analogues. 5- and 6-substituted 4-amino- or 4-alkylpyrimido[4,5-b]indole ribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5362-5372.	1.4	26
95	Structural Basis for Inhibition of Mycobacterial and Human Adenosine Kinase by 7-Substituted 7-(Het)aryl-7-deazaadenine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8268-8279.	2.9	26
96	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.	2.4	26
97	RelA-SpoT Homolog toxins pyrophosphorylate the CCA end of tRNA to inhibit protein synthesis. <i>Molecular Cell</i> , 2021, 81, 3160-3170.e9.	4.5	26
98	A Facile and Efficient Synthesis of (Purin-6-yl)alanines. <i>Journal of Organic Chemistry</i> , 2004, 69, 7985-7988.	1.7	25
99	Tetrathiafulvalene-Labelled Nucleosides and Nucleoside Triphosphates: Synthesis, Electrochemistry and the Scope of Their Polymerase Incorporation into DNA. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3519-3525.	1.2	25
100	Lithium Salts of [1,12-Dialkyl-CB ₁₁ Me ₁₀] ⁺ Anions. <i>Inorganic Chemistry</i> , 2010, 49, 10255-10263.	1.9	25
101	Phosphoramidate pronucleotides of cytostatic 6-aryl-7-deazapurine ribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 229-242.	1.4	25
102	Highly Methylated Purines and Purinium Salts as Analogues of Heteromines. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3026-3030.	1.2	24
103	Preparation of Highly Substituted 6-Arylpurine Ribonucleosides by Ni-Catalyzed Cyclotrimerization. Scope of the Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 8978-8981.	1.7	24
104	Pd-catalyzed Suzuki-Miyaura coupling reactions in the synthesis of 5-aryl-1-[2-(phosphonomethoxy)ethyl]uracils as potential multisubstrate inhibitors of thymidine phosphorylase. <i>Tetrahedron Letters</i> , 2007, 48, 3065-3067.	0.7	24
105	The 16 CB ₁₁ (CH ₃) ₃ (CD ₃) ₁₂ Radicals with 5-Fold Substitution Symmetry: Spin Density Distribution in CB ₁₁ Me ₁₂ ⁺ . <i>Inorganic Chemistry</i> , 2012, 51, 10819-10824.	1.9	24
106	Synthesis of Hydrazone-Modified Nucleotides and Their Polymerase Incorporation onto DNA for Redox Labeling. <i>ChemPlusChem</i> , 2012, 77, 652-662.	1.3	24
107	Synthesis and Cytotoxic and Antiviral Profiling of Pyrrolo- and Furo-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9347-9359.	2.9	24
108	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.	1.5	24

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109	Bio- and air-tolerant carbon-carbon bond formations via organometallic ruthenium catalysis. Collection of Czechoslovak Chemical Communications, 2009, 74, 1023-1034.	1.0	23
110	Preparation of Covalent Long-Chain Trialkylstannyl and Trialkylsilyl Salts and an Examination of their Adsorption on Gold. Langmuir, 2010, 26, 8483-8490.	1.6	23
111	Diethyl Fluoronitromethylphosphonate: Synthesis and Application in Nucleophilic Fluoroalkyl Additions. Chemistry - A European Journal, 2014, 20, 1453-1458.	1.7	23
112	Photochemical C-H Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. Angewandte Chemie - International Edition, 2019, 58, 12440-12445.	7.2	23
113	N,3,4-Trisubstituted pyrrolidines by electron transfer-induced oxidative cyclizations of N-allylic β -amino ester enolates. Tetrahedron, 2009, 65, 10917-10929.	1.0	22
114	Asymmetric Domino Aza-Michael Addition/[3 + 2] Cycloaddition Reactions as a Versatile Approach to β , γ , δ -Triamino Acid Derivatives. Organic Letters, 2014, 16, 1088-1091.	2.4	22
115	Design of <i>Plasmodium vivax</i> Hypoxanthine-Guanine Phosphoribosyltransferase Inhibitors as Potential Antimalarial Therapeutics. ACS Chemical Biology, 2018, 13, 82-90.	1.6	22
116	Antiviral Activity of 7-Substituted 7-Deazapurine Ribonucleosides, Monophosphate Prodrugs, and Triphosphates against Emerging RNA Viruses. ACS Infectious Diseases, 2021, 7, 471-478.	1.8	22
117	Syntheses of Base and Side-Chain Modified Pyrimidine 1-[2-(Phosphonomethoxy)propyl] Derivatives as Potent Inhibitors of Thymidine Phosphorylase (PD-ECCF) from SD-Lymphoma. Collection of Czechoslovak Chemical Communications, 2006, 71, 595-624.	1.0	21
118	Cobalt-Induced Synthesis of 6-(Pyridin-2-yl)purines by Microwave-Enhanced [2+2+2] Cyclotrimerization. European Journal of Organic Chemistry, 2008, 2008, 3335-3343.	1.2	21
119	Synthesis, cytostatic and anti-HCV activity of 6-(N-substituted aminomethyl)-, 6-(O-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Chemistry, 2008, 16, 2329-2366.	1.4	21
120	Modular Synthesis of 5-Substituted Thiophen-2-yl β -2-Deoxyribonucleosides. Journal of Organic Chemistry, 2008, 73, 3798-3806.	1.7	21
121	Synthesis of benzamide-C-ribonucleosides by Pd-catalyzed aminocarbonylations. Tetrahedron, 2009, 65, 4471-4483.	1.0	21
122	Use of Pd-catalyzed Suzuki-Miyaura coupling reaction in the rapid synthesis of 5-aryl-6-(phosphonomethoxy)uracils and evaluation of their inhibitory effect towards human thymidine phosphorylase. Tetrahedron, 2009, 65, 8486-8492.	1.0	21
123	A Chiral Dicationic [8]Circulenoid: Photochemical Origin and Facile Thermal Conversion into a Helicene Congener. Angewandte Chemie - International Edition, 2012, 51, 11972-11976.	7.2	21
124	Molecular mutagenesis of ppGpp: turning a RelA activator into an inhibitor. Scientific Reports, 2017, 7, 41839.	1.6	21
125	First total synthesis of <i>ent</i> -asperparaline C and assignment of the absolute configuration of asperparaline C. Chemical Communications, 2019, 55, 3931-3934.	2.2	21
126	Phosphonoxins: Rational design and discovery of a potent nucleotide anti-Giardia agent. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2811-2816.	1.0	20

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