Martin Dracinsky

List of Publications by Year
in descending order

180	3,280	172457	276875
papers	citations	29 h-index	41 g-index

187	187	187	3887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Halogenâ€Œanceâ€Based Synthesis of Phosphonomethoxyethyl (PME) Substituted 2â€Aminothiazoles as Potent Inhibitors of Bacterial Adenylate Cyclases. ChemMedChem, 2022, 17, .	3.2	3
2	Importance of Nuclear Quantum Effects for Molecular Cocrystals with Short Hydrogen Bonds. Journal of the American Chemical Society, 2022, 144, 7111-7116.	13.7	6
3	The stability of covalent dative bond significantly increases with increasing solvent polarity. Nature Communications, 2022, 13, 2107.	12.8	13
4	Paramagnetic encoding of molecules. Nature Communications, 2022, 13, .	12.8	7
5	Regio- and Diastereoselective 1,3-Dipolar Cycloadditions of 1,2,4-Triazin-1-ium Ylides: a Straightforward Synthetic Route to Polysubstituted Pyrrolo[2,1-f][1,2,4]triazines. ACS Omega, 2022, 7, 21233-21238.	3.5	4
6	The Existence of a Nâ†'C Dative Bond in the C 60 â€“Piperidine Complex. Angewandte Chemie, 2021, 133, 1970-1978.	2.0	4
7	The Existence of a Nâ†'C Dative Bond in the C₆₀â€“Piperidine Complex. Angewandte Chemie - International Edition, 2021, 60, 1942-1950.	13.8	15
8	Structurally Redesigned Bioorthogonal Reagents for Mitochondria-Specific Prodrug Activation. Jacs Au, 2021, 1, 23-30.	7.9	20
9	Structure-directed formation of the dative/covalent bonds in complexes with C₇₀â‹¯piperidine. Physical Chemistry Chemical Physics, 2021, 23, 4365-4375.	2.8	9
10	Diverse synthetic approaches towards C1â€²-branched acyclic nucleoside phosphonates. Organic and Biomolecular Chemistry, 2021, 19, 6958-6963.	2.8	1
11	Stuffed pumpkins: mechanochemical synthesis of hostâ€“guest complexes with cucurbit[7]uril. Chemical Communications, 2021, 57, 2132-2135.	4.1	14
12	Synthesis of multiply fluorinated N-acetyl-D-glucosamine and D-galactosamine analogs via the corresponding deoxyfluorinated glucosazide and galactosazide phenyl thioglycosides. Beilstein Journal of Organic Chemistry, 2021, 17, 1086-1095.	2.2	5
13	Synthesis and Biological Evaluation of Phosphoester and Phosphorothioate Prodrugs of STING Agonist 3â€²,3â€²-c-Di(2â€²F,2â€²dAMP). Journal of Medicinal Chemistry, 2021, 64, 7596-7616.	6.4	28
14	Analyzing Discrepancies in Chemical-Shift Predictions of Solid Pyridinium Fumarates. Molecules, 2021, 26, 3857.	3.8	3
15	Polyhalogenated Bicyclo[1.1.1]pentane-1,3-dicarboxylic Acids. Journal of Organic Chemistry, 2021, 86, 10303-10319.	3.2	8
16	Synthesis and In Vitro Evaluation of C-7 and C-8 Luteolin Derivatives as Influenza Endonuclease Inhibitors. International Journal of Molecular Sciences, 2021, 22, 7735.	4.1	7
17	Selectively Deoxyfluorinated Nâ€Acetyllactosamine Analogues as ¹⁹F NMR Probes to Study Carbohydrateâ€Galectin Interactions. Chemistry - A European Journal, 2021, 27, 13040-13051.	3.3	8
18	Inverse heavy-atom effect in near infrared photoluminescent gold nanoclusters. Nanoscale, 2021, 13, 10462-10467.	5.6	6

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19	Discovery of Modified Amidate (ProTide) Prodrugs of Tenofovir with Enhanced Antiviral Properties. Journal of Medicinal Chemistry, 2021, 64, 16425-16449.	6.4	13
20	Synthesis of Tetrasubstituted Thiophenes via Direct Metalation. Journal of Organic Chemistry, 2020, 85, 788-797.	3.2	3
21	Efficient Synthesis of Î±-Branched Purine-Based Acyclic Nucleosides: Scopes and Limitations of the Method. Molecules, 2020, 25, 4307.	3.8	4
22	Towards Accurate Predictions of Proton NMR Spectroscopic Parameters in Molecular Solids. ChemPhysChem, 2020, 21, 2075-2083.	2.1	14
23	RÃ¼cktitelbild: Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators (Angew. Chem. 36/2020). Angewandte Chemie, 2020, 132, 15896-15896.	2.0	0
24	Formation of gadoliniumâ€“ferritin from clinical magnetic resonance contrast agents. Nanoscale Advances, 2020, 2, 5567-5571.	4.6	7
25	Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators. Angewandte Chemie - International Edition, 2020, 59, 15590-15594.	13.8	17
26	Dimerization of Acetic Acid in the Gas Phaseâ€”NMR Experiments and Quantum-Chemical Calculations. Molecules, 2020, 25, 2150.	3.8	15
27	Experimental and Theoretical Evidence of Spinâ€Orbit Heavy Atom on the Light Atom 1 Hâ€¦NMR Chemical Shifts Induced through Hâ‹…â‹…â‹…I â^' Hydrogen Bond. Chemistry - A European Journal, 2020, 26, 8669-8669.	3.3	0
28	Use of remote acyl groups for stereoselective 1,2-cis-glycosylation with fluorinated glucosazide thiodonors. Organic and Biomolecular Chemistry, 2020, 18, 5427-5434.	2.8	8
29	Tautomerism of Guanine Analogues. Biomolecules, 2020, 10, 170.	4.0	7
30	Regular Two-Dimensional Arrays of Surface-Mounted Molecular Switches: Switching Monitored by UVâ€“vis and NMR Spectroscopy. Journal of the American Chemical Society, 2020, 142, 9337-9351.	13.7	16
31	A Systematic Study of Coumarinâ€“Tetrazine Lightâ€Up Probes for Bioorthogonal Fluorescence Imaging. Chemistry - A European Journal, 2020, 26, 9945-9953.	3.3	35
32	Experimental and Theoretical Evidence of Spinâ€Orbit Heavy Atom on the Light Atom ¹Hâ€¦NMR Chemical Shifts Induced through Hâ‹…â‹…â‹…I^{â^'} Hydrogen Bond. Chemistry - A European Journal, 2020, 26, 8698-8702.	3.3	9
33	Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators. Angewandte Chemie, 2020, 132, 15720-15724.	2.0	3
34	Determination of nucleobase-pairing free energies from rotamer equilibria of 2-(methylamino)pyrimidines. Chemical Communications, 2019, 55, 11075-11078.	4.1	4
35	A Ï€â€Conjugated, Covalent Phosphinine Framework. Chemistry - A European Journal, 2019, 25, 12342-12348.	3.3	24
36	Polymorphic Transformation of Drugs Induced by Glycopolymeric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. ACS Applied Materials & Interfaces, 2019, 11, 28278-28288.	8.0	17

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37	Bridge-Chlorinated Bicyclo[1.1.1]pentane-1,3-dicarboxylic Acids. Journal of Organic Chemistry, 2019, 84, 2448-2461.	3.2	15
38	Improving the accuracy of solid-state nuclear magnetic resonance chemical shift prediction with a simple molecular correction. Physical Chemistry Chemical Physics, 2019, 21, 14992-15000.	2.8	38
39	Bulk Inclusions of Double Pyridazine Molecular Rotors in Hexagonal Tris(o-phenylene)cyclotriphosphazene. Journal of Organic Chemistry, 2019, 84, 8449-8467.	3.2	18
40	Stereoselectivity in Glycosylation with Deoxofluorinated Glucosazide and Galactosazide Thiodonors. Journal of Organic Chemistry, 2019, 84, 6405-6431.	3.2	10
41	Bioorthogonal Fluorescence Turnâ€On Labeling Based on Bicyclononyneâ^'Tetrazine Cycloaddition Reactions that Form Pyridazine Products. ChemPlusChem, 2019, 84, 493-497.	2.8	25
42	An Extended Approach for the Development of Fluorogenic transâ€Cycloocteneâ€"Tetrazine Cycloadditions. ChemBioChem, 2019, 20, 886-890.	2.6	21
43	Gold nanoclusters with bright near-infrared photoluminescence. Nanoscale, 2018, 10, 3792-3798.	5.6	113
44	The Control of the Tautomeric Equilibrium of Isocytosine by Intermolecular Interactions. European Journal of Organic Chemistry, 2018, 2018, 5128-5135.	2.4	8
45	Photoswitching Behavior of 5-Phenylazopyrimidines: In Situ Irradiation NMR and Optical Spectroscopy Combined with Theoretical Methods. Journal of Organic Chemistry, 2018, 83, 5986-5998.	3.2	21
46	Photoswitchable Intramolecular Hydrogen Bonds in 5â€Phenylazopyrimidines Revealed By In Situ Irradiation NMRâ€‰Spectroscopy. Chemistry - A European Journal, 2018, 24, 492-498.	3.3	26
47	Design and Synthesis of Azaâ€Bicyclononene Dienophiles for Rapid Fluorogenic Ligations. Chemistry - A European Journal, 2018, 24, 2426-2432.	3.3	22
48	Molecules in confinement in clusters, quantum solvents and matrices: general discussion. Faraday Discussions, 2018, 212, 569-601.	3.2	4
49	Molecules in confinement in liquid solvents: general discussion. Faraday Discussions, 2018, 212, 383-397.	3.2	1
50	Decarboxylative Organocatalytic Allylic Amination of Moritaâ€"Baylisâ€"Hillman Carbamates. Chemistry - A European Journal, 2018, 24, 13441-13445.	3.3	11
51	Proton transfer in guanineâ€"cytosine base pair analogues studied by NMR spectroscopy and PIMD simulations. Faraday Discussions, 2018, 212, 331-344.	3.2	28
52	Dihydrogen contacts observed by through-space indirect NMR coupling. Chemical Science, 2018, 9, 7437-7446.	7.4	10
53	Internal dynamics in helical molecules studied by X-ray diffraction, NMR spectroscopy and DFT calculations. Physical Chemistry Chemical Physics, 2017, 19, 2900-2907.	2.8	33
54	Exploring Systematic Discrepancies in DFT Calculations of Chlorine Nuclear Quadrupole Couplings. Journal of Physical Chemistry A, 2017, 121, 4103-4113.	2.5	19

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55	Control of Î±/Î² Anomer Formation by a 2â€²,5â€² Bridge: Toward Nucleoside Derivatives Locked in the South Conformation. Journal of Organic Chemistry, 2017, 82, 11337-11347.	3.2	3
56	Influence of Intramolecular Charge Transfer and Nuclear Quantum Effects on Intramolecular Hydrogen Bonds in Azopyrimidines. Journal of Organic Chemistry, 2017, 82, 10350-10359.	3.2	15
57	Synthesis and Evaluation of Asymmetric Acyclic Nucleoside Bisphosphonates as Inhibitors of Plasmodium falciparum and Human Hypoxanthineâ€“Guanineâ€“(Xanthine) Phosphoribosyltransferase. Journal of Medicinal Chemistry, 2017, 60, 7539-7554.	6.4	18
58	Surface Inclusion of Unidirectional Molecular Motors in Hexagonal Tris(o-phenylene)cyclotriphosphazene. Journal of the American Chemical Society, 2017, 139, 10486-10498.	13.7	52
59	One-pot three-component route for the synthesis of S-trifluoromethyl dithiocarbamates using Togniâ€™s reagent. Beilstein Journal of Organic Chemistry, 2017, 13, 2502-2508.	2.2	11
60	Turkish Scorzonera Species Extracts Attenuate Cytokine Secretion via Inhibition of NF-ÎºB Activation, Showing Anti-Inflammatory Effect in Vitro. Molecules, 2016, 21, 43.	3.8	21
61	Bisamidate Prodrugs of 2â€Substituted 9â€[2â€(Phosphonomethoxy)ethyl]adenine (PMEA, adefovir) as Selective Inhibitors of Adenylate Cyclase Toxin from Bordetella pertussis. ChemMedChem, 2015, 10, 1351-1364.	3.2	18
62	Synthesis and Evaluation of Novel Acyclic Nucleoside Phosphonates as Inhibitors of Plasmodium falciparum and Human 6â€Oxopurine Phosphoribosyltransferases. ChemMedChem, 2015, 10, 1707-1723.	3.2	21
63	Solid-state NMR studies of nucleic acid components. RSC Advances, 2015, 5, 12300-12310.	3.6	27
64	Determination of the Nucleic Acid Adducts Structure at the Nucleoside/Nucleotide Level by NMR Spectroscopy. Chemical Research in Toxicology, 2015, 28, 155-165.	3.3	1
65	Synthesis of locked cyclohexene and cyclohexane nucleic acids (LCeNA and LCNA) with modified adenosine units. Organic and Biomolecular Chemistry, 2015, 13, 2703-2715.	2.8	6
66	A New Analogue of Locked Cyclohexane Nucleic Acids. Synthesis, 2015, 47, 2654-2662.	2.3	0
67	Vibrational Properties of the Phosphate Group Investigated by Molecular Dynamics and Density Functional Theory. Journal of Physical Chemistry B, 2015, 119, 10682-10692.	2.6	23
68	Synthesis and structureâ€“activity relationship studies of polysubstituted pyrimidines as inhibitors of immune-activated nitric oxide production. Medicinal Chemistry Research, 2015, 24, 2154-2166.	2.4	9
69	Analysis of local molecular motions of aromatic sidechains in proteins by 2D and 3D fast MAS NMR spectroscopy and quantum mechanical calculations. Physical Chemistry Chemical Physics, 2015, 17, 28789-28801.	2.8	19
70	Resonance-assisted stabilisation of hydrogen bonds probed by NMR spectroscopy and path integral molecular dynamics. Chemical Communications, 2015, 51, 13986-13989.	4.1	20
71	Determination of Absolute Configuration in Chiral Solvents with Nuclear Magnetic Resonance. A Combined Molecular Dynamics/Quantum Chemical Study. Journal of Physical Chemistry A, 2015, 119, 5260-5268.	2.5	4
72	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. Bioorganic and Medicinal Chemistry, 2015, 23, 184-191.	3.0	16

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73	NMR Studies of Purines. Annual Reports on NMR Spectroscopy, 2014, 82, 59-113.	1.5	14
74	Separation of planar rotamers through intramolecular hydrogen bonding in polysubstituted 5-nitrosopyrimidines. Chemical Communications, 2014, 50, 14892-14895.	4.1	9
75	From norbornane-based nucleotide analogs locked in South conformation to novel inhibitors of feline herpes virus. Bioorganic and Medicinal Chemistry, 2014, 22, 2974-2983.	3.0	15
76	Determination of the configuration in six-membered saturated heterocycles (N, P, S, Se) and their oxidation products using experimental and calculated NMR chemical shifts. Tetrahedron, 2014, 70, 3871-3886.	1.9	9
77	Dynamics of water molecules and sodium ions in solid hydrates of nucleotides. CrystEngComm, 2014, 16, 6756-6764.	2.6	12
78	Effects of Quantum Nuclear Delocalisation on NMR Parameters from Path Integral Molecular Dynamics. Chemistry - A European Journal, 2014, 20, 2201-2207.	3.3	52
79	Synthesis of Novel Purineâ€Based Coxsackievirus Inhibitors Bearing Polycylic Substituents at the Nâ€9 Position. Archiv Der Pharmazie, 2014, 347, 478-485.	4.1	5
80	5-Substituted 2-amino-4,6-dihydroxypyrimidines and 2-amino-4,6-dichloropyrimidines: synthesis and inhibitory effects on immune-activated nitric oxide production. Medicinal Chemistry Research, 2014, 23, 4482-4490.	2.4	20
81	Cytochrome b5 and epoxide hydrolase contribute to benzo[a]pyrene-DNA adduct formation catalyzed by cytochrome P450 1A1 under low NADPH:P450 oxidoreductase conditions. Toxicology, 2014, 318, 1-12.	4.2	41
82	A molecular dynamics study of the effects of fast molecular motions on solid-state NMR parameters. CrystEngComm, 2013, 15, 8705.	2.6	77
83	The effect of novel [3-fluoro-(2-phosphonoethoxy)propyl]purines on the inhibition of Plasmodium falciparum, Plasmodium vivax and human hypoxanthineâ€“guanineâ€“(xanthine) phosphoribosyltransferases. European Journal of Medicinal Chemistry, 2013, 67, 81-89.	5.5	19
84	Lithium Insertion into Titanium Dioxide (Anatase): A Raman Study with ^{16/18}O and ^{6/7}Li Isotope Labeling. Chemistry of Materials, 2013, 25, 3710-3717.	6.7	17
85	Conductivity of boron-doped polycrystalline diamond films: influence of specific boron defects. European Physical Journal B, 2013, 86, 1.	1.5	55
86	Toward Reproducing Sequence Trends in Phosphorus Chemical Shifts for Nucleic Acids by MD/DFT Calculations. Journal of Chemical Theory and Computation, 2013, 9, 1641-1656.	5.3	26
87	A Switchable Intramolecular Hydrogen Bond in Polysubstituted 5-Nitrosopyrimidines. Journal of Organic Chemistry, 2013, 78, 10121-10133.	3.2	14
88	A conversion of aromatic thiocyanates into sulfothioates: new synthetic route to aromatic Bunte salts. RSC Advances, 2013, 3, 2650.	3.6	12
89	Parallel variable selection of molecular dynamics clusters as a tool for calculation of spectroscopic properties. Journal of Computational Chemistry, 2013, 34, 366-371.	3.3	21
90	Synthesis and biological evaluation of guanidino analogues of roscovitine. European Journal of Medicinal Chemistry, 2013, 62, 443-452.	5.5	10

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91	9-[2-(R)-(Phosphonomethoxy)propyl]-2,6-diaminopurine (R)-PMPDAP and its prodrugs: Optimized preparation, including identification of by-products formed, and antiviral evaluation in vitro. Bioorganic and Medicinal Chemistry, 2013, 21, 1199-1208.	3.0	13
92	Conformational Sampling by Ab Initio Molecular Dynamics Simulations Improves NMR Chemical Shift Predictions. Journal of Chemical Theory and Computation, 2013, 9, 3806-3815.	5.3	48
93	Synthesis and evaluation of 17Î±-(carboranylalkyl)estradiols as ligands for estrogen receptors Î± and Î². Journal of Organometallic Chemistry, 2013, 747, 178-183.	1.8	9
94	Resolution of Organic Polymorphic Crystals by Raman Spectroscopy. Journal of Physical Chemistry B, 2013, 117, 7297-7307.	2.6	25
95	Formation, Persistence, and Identification of DNA Adducts Formed by the Carcinogenic Environmental Pollutant o-Anisidine in Rats. Toxicological Sciences, 2012, 127, 348-359.	3.1	14
96	One-pot build-up procedure for the synthesis of variously substituted purine derivatives. RSC Advances, 2012, 2, 6970.	3.6	22
97	An efficient oxa-Michael addition to diethyl vinylphosphonate under mild reaction conditions. RSC Advances, 2012, 2, 1282-1284.	3.6	13
98	Microwave-assisted hydrolysis of phosphonate diesters: an efficient protocol for the preparation of phosphonic acids. Green Chemistry, 2012, 14, 2282.	9.0	35
99	Determination of the antioxidative activity of substituted 5-aminopyrimidines. Free Radical Research, 2012, 46, 61-67.	3.3	4
100	Profiling and characterization of volatile secretions from the European stink bug Graphosoma lineatum (Heteroptera: Pentatomidae) by two-dimensional gas chromatography/time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 881-882, 69-75.	2.3	14
101	Synthesis and antiviral activities of hexadecyloxypropyl prodrugs of acyclic nucleoside phosphonates containing guanine or hypoxanthine and a (S)-HPMP or PEE acyclic moiety. European Journal of Medicinal Chemistry, 2012, 55, 307-314.	5.5	10
102	Compound instability in dimethyl sulphoxide, case studies with 5-aminopyrimidines and the implications for compound storage and screening. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6405-6409.	2.2	7
103	Solution and Solid-State Effects on NMR Chemical Shifts in Sesquiterpene Lactones: NMR, X-ray, and Theoretical Methods. Journal of Physical Chemistry A, 2012, 116, 680-688.	2.5	21
104	C⁶â€substituted purine derivatives: an experimental and theoretical ¹H, ¹³C and ¹⁵N NMR study. Magnetic Resonance in Chemistry, 2012, 50, 181-186.	1.9	7
105	Longâ€range heteronuclear coupling constants in 2,6â€disubstituted purine derivatives. Magnetic Resonance in Chemistry, 2012, 50, 295-298.	1.9	10
106	¹³C GIAO DFT calculation as a tool for configuration prediction of Nâ€“O group in saturated heterocyclic Nâ€oxides. Magnetic Resonance in Chemistry, 2012, 50, 415-423.	1.9	10
107	Synthesis of 9-phosphonoalkyl and 9-phosphonoalkoxyalkyl purines: Evaluation of their ability to act as inhibitors of Plasmodium falciparum, Plasmodium vivax and human hypoxanthineâ€“guanineâ€“(xanthine) phosphoribosyltransferases. Bioorganic and Medicinal Chemistry, 2012, 20, 1076-1089.	3.0	36
108	Synthesis of purine N9-[2-hydroxy-3-O-(phosphonomethoxy)propyl] derivatives and their side-chain modified analogs as potential antimalarial agents. Bioorganic and Medicinal Chemistry, 2012, 20, 1222-1230.	3.0	25

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109	Novel substituted 9-norbornylpurines and their activities against RNA viruses. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1963-1968.	2.2	7
110	Synthesis of novel azanorbornylpurine derivatives. Tetrahedron, 2012, 68, 1286-1298.	1.9	13
111	An efficient microwave-assisted synthesis and biological properties of polysubstituted pyrimidinyl- and 1,3,5-triazinylphosphonic acids. Tetrahedron, 2012, 68, 865-871.	1.9	23
112	Synthesis of novel thienonorbornylpurine derivatives. Tetrahedron, 2012, 68, 3195-3204.	1.9	5
113	A novel type of acyclic nucleoside phosphonates derived from 2-(phosphonomethoxy)propanoic acid. Tetrahedron, 2012, 68, 4003-4012.	1.9	11
114	Computational and Experimental Evidence of Throughâ€Space NMR Spectroscopic J Coupling of Hydrogen Atoms. Chemistry - A European Journal, 2012, 18, 981-986.	3.3	25
115	Vibrational averaging of the chemical shift in crystalline Î±â€glycine. Journal of Computational Chemistry, 2012, 33, 1080-1089.	3.3	26
116	Efficient one-pot synthesis of polysubstituted 6-[(1H-1,2,3-triazol-1-yl)methyl]uracils through the â€œclickâ€•protocol. Collection of Czechoslovak Chemical Communications, 2011, 76, 1121-1131.	1.0	10
117	Efficient and â€˜greenâ€™ microwave-assisted synthesis of haloalkylphosphonates via the Michaelisâ€“Arbuzov reaction. Green Chemistry, 2011, 13, 882.	9.0	40
118	Microwave assisted synthesis and solid-state characterization of lithocholyl amides of isomeric aminopyridines. Steroids, 2011, 76, 261-268.	1.8	12
119	Synthesis of O2- and N3-(2-Phosphonomethoxy)ethyl Derivatives of 6-Phenyl- and 6-Pyridinyl-5-azacytosine. Heterocycles, 2011, 83, 797.	0.7	4
120	The efficient synthesis of 2-arylpyrimidine acyclic nucleoside phosphonates using Liebeskindâ€“Srogl cross-coupling reaction. Tetrahedron, 2011, 67, 7379-7385.	1.9	16
121	Highly enantioselective organocatalytic cascade reaction for the synthesis of piperidines and oxazolidines. Tetrahedron, 2011, 67, 8942-8950.	1.9	44
122	The determination of sulfoxide configuration in five-membered rings using NMR spectroscopy and DFT calculations. Tetrahedron: Asymmetry, 2011, 22, 1797-1808.	1.8	3
123	Ab initio modeling of fused silica, crystal quartz, and water Raman spectra. Chemical Physics Letters, 2011, 512, 54-59.	2.6	33
124	A novel and efficient one-pot synthesis of symmetrical diamide (bis-amidate) prodrugs of acyclic nucleoside phosphonates and evaluation of their biological activities. European Journal of Medicinal Chemistry, 2011, 46, 3748-3754.	5.5	58
125	Synthesis and antiviral activity of N9-[3-fluoro-2-(phosphonomethoxy)propyl] analogues derived from N6-substituted adenines and 2,6-diaminopurines. Bioorganic and Medicinal Chemistry, 2011, 19, 2114-2124.	3.0	27
126	The synthesis of piperidine nucleoside analogsâ€”a comparison of several methods to access the introduction of nucleobases. Tetrahedron, 2011, 67, 1485-1500.	1.9	26

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127	The observed and calculated ¹H and ¹³C chemical shifts of tertiary amines and their Nâ€oxides. Magnetic Resonance in Chemistry, 2011, 49, 320-327.	1.9	14
128	Mechanism of the Isotopic Exchange Reaction of the 5â€H Hydrogen of Uracil Derivatives in Water and Nonprotic Solvents. European Journal of Organic Chemistry, 2011, 2011, 777-785.	2.4	10
129	Tautomerism and the Protonation/Deprotonation of Isocytosine in Liquidâ€and Solidâ€States Studied by NMR Spectroscopy and Theoretical Calculations. European Journal of Organic Chemistry, 2011, 2011, 1544-1551.	2.4	37
130	The Synthesis and Conformation of Dihydroxypiperidinyl Derivates of Nucleobases as Novel Iminosugar Nucleoside Analogs. European Journal of Organic Chemistry, 2011, 2011, 2172-2187.	2.4	8
131	8-Aza-7,9-dideazaxanthine acyclic nucleoside phosphonate inhibitors of thymidine phosphorylase. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 652-654.	2.2	10
132	SAR studies of 9-norbornylpurines as Coxsackievirus B3 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4271-4275.	2.2	20
133	New prodrugs of Adefovir and Cidofovir. Bioorganic and Medicinal Chemistry, 2011, 19, 3527-3539.	3.0	22
134	The optimized microwave-assisted decomposition of formamides and its synthetic utility in the amination reactions of purines. Tetrahedron, 2011, 67, 866-871.	1.9	38
135	The determination of sulfoxide configuration in six-membered rings using NMR spectroscopy and DFT calculations. Tetrahedron: Asymmetry, 2011, 22, 356-366.	1.8	9
136	Microwave-Assisted Solvent-Free Diels-Alder Reaction - A Fast and Simple Route to Various 5,6-Substituted Norbornenes and Polychlorinated Norbornenes. Synthesis, 2011, 2011, 4077-4083.	2.3	3
137	Efficient synthesis and biological properties of the 2â€²-trifluoromethyl analogues of acyclic nucleosides and acyclic nucleoside phosphonates. Collection of Czechoslovak Chemical Communications, 2011, 76, 1187-1198.	1.0	9
138	Conformationally locked nucleoside analogues based on the bridgehead substituted 7-oxonorbornane and their antiviral properties. Collection of Czechoslovak Chemical Communications, 2011, 76, 1549-1566.	1.0	3
139	Isotope exchange reactions of the hydrogen H-5 of selected pyrimidine derivatives and the preparation of tritium-labeled pyrimidines. Collection of Czechoslovak Chemical Communications, 2011, 76, 1567-1577.	1.0	1
140	Model synthesis of six-membered carbocyclic spironucleosides. Collection of Czechoslovak Chemical Communications, 2010, 75, 1259-1272.	1.0	3
141	Synthesis and Properties of a Novel Type of Acyclic Nucleoside Phosphonates: 2â€(Purinâ€9â€yl)ethoxyphenylphosphonic Acids. European Journal of Organic Chemistry, 2010, 2010, 2885-2892.	2.4	14
142	Observed and calculated ¹H and ¹³C chemical shifts induced by the in situ oxidation of model sulfides to sulfoxides and sulfones. Magnetic Resonance in Chemistry, 2010, 48, 718-726.	1.9	12
143	Design, synthesis, and biological evaluation of novel coxsackievirus B3 inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 4374-4384.	3.0	31
144	Glycosylation Protects Proteins against Free Radicals Generated from Toxic Xenobiotics. Toxicological Sciences, 2010, 117, 359-374.	3.1	19

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145	Synthesis of Perfluoroalkylated Carboranes by Cross-Metathesis of Allylcarboranes and Perfluoroalkylpropenes. Synlett, 2010, 2010, 885-888.	1.8	1
146	Two Convergent Approaches toward Novel Carbocyclic C-Nucleosides. Synthesis, 2010, 2010, 4119-4130.	2.3	2
147	Synthesis of novel racemic carbocyclic nucleosides derived from 5,6-disubstituted norbornene. Collection of Czechoslovak Chemical Communications, 2010, 75, 1-20.	1.0	9
148	Synthesis and Biochemical Characterization of a Series of 17Î±-Perfluoroalkylated Estradiols as Selective Ligands for Estrogen Receptor Î±. Journal of Medicinal Chemistry, 2010, 53, 6947-6953.	6.4	27
149	Synthesis of Ester Prodrugs of 9-(S)-[3-Hydroxy-2-(phosphonomethoxy)propyl]-2,6-diaminopurine (HPMPDAP) as Anti-Poxvirus Agents. Journal of Medicinal Chemistry, 2010, 53, 6825-6837.	6.4	30
150	Theoretical Modeling of Magnesium Ion Imprints in the Raman Scattering of Water. Journal of Physical Chemistry B, 2010, 114, 3574-3582.	2.6	30
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