

Martin Dracinsky

List of Publications by Year in descending order

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180
papers

3,280
citations

172386

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276775

41
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187
all docs

187
docs citations

187
times ranked

3887
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen-Dance-Based Synthesis of Phosphonomethoxyethyl (PME) Substituted 2-Aminothiazoles as Potent Inhibitors of Bacterial Adenylate Cyclases. <i>ChemMedChem</i> , 2022, 17, .	1.6	3
2	Importance of Nuclear Quantum Effects for Molecular Cocrystals with Short Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2022, 144, 7111-7116.	6.6	6
3	The stability of covalent dative bond significantly increases with increasing solvent polarity. <i>Nature Communications</i> , 2022, 13, 2107.	5.8	13
4	Paramagnetic encoding of molecules. <i>Nature Communications</i> , 2022, 13, .	5.8	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- <i>f</i>][1,2,4]triazines. <i>ACS Omega</i> , 2022, 7, 21233-21238.	1.6	4
6	The Existence of a N ⁺ C Dative Bond in the C ₆₀ ⁺ Piperidine Complex. <i>Angewandte Chemie</i> , 2021, 133, 1970-1978.	1.6	4
7	The Existence of a N ⁺ C Dative Bond in the C ₆₀ ⁺ Piperidine Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1942-1950.	7.2	15
8	Structurally Redesigned Bioorthogonal Reagents for Mitochondria-Specific Prodrug Activation. <i>Jacs Au</i> , 2021, 1, 23-30.	3.6	20
9	Structure-directed formation of the dative/covalent bonds in complexes with C ₇₀ ⁺ piperidine. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4365-4375.	1.3	9
10	Diverse synthetic approaches towards C1 ^α -branched acyclic nucleoside phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6958-6963.	1.5	1
11	Stuffed pumpkins: mechanochemical synthesis of host-guest complexes with cucurbit[7]uril. <i>Chemical Communications</i> , 2021, 57, 2132-2135.	2.2	14
12	Synthesis of multiply fluorinated <i>N</i> -acetyl-D-glucosamine and D-galactosamine analogs via the corresponding deoxyfluorinated glucosazide and galactosazide phenyl thioglycosides. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1086-1095.	1.3	5
13	Synthesis and Biological Evaluation of Phosphoester and Phosphorothioate Prodrugs of STING Agonist 3 ^α ,3 ^α -c-Di(2 ^α F,2 ^α dAMP). <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7596-7616.	2.9	28
14	Analyzing Discrepancies in Chemical-Shift Predictions of Solid Pyridinium Fumarates. <i>Molecules</i> , 2021, 26, 3857.	1.7	3
15	Polyhalogenated Bicyclo[1.1.1]pentane-1,3-dicarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2021, 86, 10303-10319.	1.7	8
16	Synthesis and In Vitro Evaluation of C-7 and C-8 Luteolin Derivatives as Influenza Endonuclease Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7735.	1.8	7
17	Selectively Deoxyfluorinated <i>N</i> -Acetylglucosamine Analogues as ¹⁹ F NMR Probes to Study Carbohydrate-Galectin Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 13040-13051.	1.7	8
18	Inverse heavy-atom effect in near infrared photoluminescent gold nanoclusters. <i>Nanoscale</i> , 2021, 13, 10462-10467.	2.8	6

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19	Discovery of Modified Amidate (ProTide) Prodrugs of Tenofovir with Enhanced Antiviral Properties. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16425-16449.	2.9	13
20	Synthesis of Tetrasubstituted Thiophenes via Direct Metalation. <i>Journal of Organic Chemistry</i> , 2020, 85, 788-797.	1.7	3
21	Efficient Synthesis of $\hat{\pm}$ -Branched Purine-Based Acyclic Nucleosides: Scopes and Limitations of the Method. <i>Molecules</i> , 2020, 25, 4307.	1.7	4
22	Towards Accurate Predictions of Proton NMR Spectroscopic Parameters in Molecular Solids. <i>ChemPhysChem</i> , 2020, 21, 2075-2083.	1.0	14
23	R $\hat{\pm}$ cktitelbild: Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators (<i>Angew. Chem.</i> 36/2020). <i>Angewandte Chemie</i> , 2020, 132, 15896-15896.	1.6	0
24	Formation of gadoliniumâ€ferritin from clinical magnetic resonance contrast agents. <i>Nanoscale Advances</i> , 2020, 2, 5567-5571.	2.2	7
25	Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15590-15594.	7.2	17
26	Dimerization of Acetic Acid in the Gas Phaseâ€NMR Experiments and Quantum-Chemical Calculations. <i>Molecules</i> , 2020, 25, 2150.	1.7	15
27	Experimental and Theoretical Evidence of Spinâ€Orbit Heavy Atom on the Light Atom 1 Hâ€...NMR Chemical Shifts Induced through Hâ€...â€...I $\hat{\pm}$ Hydrogen Bond. <i>Chemistry - A European Journal</i> , 2020, 26, 8669-8669.	1.7	0
28	Use of remote acyl groups for stereoselective 1,2- <i>cis</i> / <i>i</i> -glycosylation with fluorinated glucosazide thiodonors. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5427-5434.	1.5	8
29	Tautomerism of Guanine Analogues. <i>Biomolecules</i> , 2020, 10, 170.	1.8	7
30	Regular Two-Dimensional Arrays of Surface-Mounted Molecular Switches: Switching Monitored by UVâ€vis and NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 9337-9351.	6.6	16
31	A Systematic Study of Coumarinâ€Tetrazine Lightâ€Up Probes for Bioorthogonal Fluorescence Imaging. <i>Chemistry - A European Journal</i> , 2020, 26, 9945-9953.	1.7	35
32	Experimental and Theoretical Evidence of Spinâ€Orbit Heavy Atom on the Light Atom ¹ Hâ€...NMR Chemical Shifts Induced through Hâ€...â€...I ^{â€} Hydrogen Bond. <i>Chemistry - A European Journal</i> , 2020, 26, 8698-8702.	1.7	9
33	Polysubstituted 5â€Phenylazopyrimidines: Extremely Fast Nonâ€ionic Photochromic Oscillators. <i>Angewandte Chemie</i> , 2020, 132, 15720-15724.	1.6	3
34	Determination of nucleobase-pairing free energies from rotamer equilibria of 2-(methylamino)pyrimidines. <i>Chemical Communications</i> , 2019, 55, 11075-11078.	2.2	4
35	A $\hat{\pm}$ -Conjugated, Covalent Phosphinine Framework. <i>Chemistry - A European Journal</i> , 2019, 25, 12342-12348.	1.7	24
36	Polymorphic Transformation of Drugs Induced by Glycopolymeric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28278-28288.	4.0	17

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37	Bridge-Chlorinated Bicyclo[1.1.1]pentane-1,3-dicarboxylic Acids. <i>Journal of Organic Chemistry</i> , 2019, 84, 2448-2461.	1.7	15
38	Improving the accuracy of solid-state nuclear magnetic resonance chemical shift prediction with a simple molecular correction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 14992-15000.	1.3	38
39	Bulk Inclusions of Double Pyridazine Molecular Rotors in Hexagonal Tris(<i>o</i> -phenylene)cyclotriphosphazene. <i>Journal of Organic Chemistry</i> , 2019, 84, 8449-8467.	1.7	18
40	Stereoselectivity in Glycosylation with Deoxofluorinated Glucosazide and Galactosazide Thiodonors. <i>Journal of Organic Chemistry</i> , 2019, 84, 6405-6431.	1.7	10
41	Bioorthogonal Fluorescence Turn-On Labeling Based on Bicyclononyne-Tetrazine Cycloaddition Reactions that Form Pyridazine Products. <i>ChemPlusChem</i> , 2019, 84, 493-497.	1.3	25
42	An Extended Approach for the Development of Fluorogenic <i>trans</i> -Cyclooctene-Tetrazine Cycloadditions. <i>ChemBioChem</i> , 2019, 20, 886-890.	1.3	21
43	Gold nanoclusters with bright near-infrared photoluminescence. <i>Nanoscale</i> , 2018, 10, 3792-3798.	2.8	113
44	The Control of the Tautomeric Equilibrium of Isocytosine by Intermolecular Interactions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5128-5135.	1.2	8
45	Photoswitching Behavior of 5-Phenylazopyrimidines: In Situ Irradiation NMR and Optical Spectroscopy Combined with Theoretical Methods. <i>Journal of Organic Chemistry</i> , 2018, 83, 5986-5998.	1.7	21
46	Photoswitchable Intramolecular Hydrogen Bonds in 5-Phenylazopyrimidines Revealed By In Situ Irradiation NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2018, 24, 492-498.	1.7	26
47	Design and Synthesis of Aza-Bicyclononyne Dienophiles for Rapid Fluorogenic Ligations. <i>Chemistry - A European Journal</i> , 2018, 24, 2426-2432.	1.7	22
48	Molecules in confinement in clusters, quantum solvents and matrices: general discussion. <i>Faraday Discussions</i> , 2018, 212, 569-601.	1.6	4
49	Molecules in confinement in liquid solvents: general discussion. <i>Faraday Discussions</i> , 2018, 212, 383-397.	1.6	1
50	Decarboxylative Organocatalytic Allylic Amination of Morita-Baylis-Hillman Carbamates. <i>Chemistry - A European Journal</i> , 2018, 24, 13441-13445.	1.7	11
51	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
52	Dihydrogen contacts observed by through-space indirect NMR coupling. <i>Chemical Science</i> , 2018, 9, 7437-7446.	3.7	10
53	Internal dynamics in helical molecules studied by X-ray diffraction, NMR spectroscopy and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2900-2907.	1.3	33
54	Exploring Systematic Discrepancies in DFT Calculations of Chlorine Nuclear Quadrupole Couplings. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4103-4113.	1.1	19

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55	Control of β/α Anomer Formation by a 2',5'-Bridge: Toward Nucleoside Derivatives Locked in the South Conformation. <i>Journal of Organic Chemistry</i> , 2017, 82, 11337-11347.	1.7	3
56	Influence of Intramolecular Charge Transfer and Nuclear Quantum Effects on Intramolecular Hydrogen Bonds in Azopyrimidines. <i>Journal of Organic Chemistry</i> , 2017, 82, 10350-10359.	1.7	15
57	Synthesis and Evaluation of Asymmetric Acyclic Nucleoside Bisphosphonates as Inhibitors of <i>Plasmodium falciparum</i> and Human Hypoxanthine-Guanine (Xanthine) Phosphoribosyltransferase. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7539-7554.	2.9	18
58	Surface Inclusion of Unidirectional Molecular Motors in Hexagonal Tris(o-phenylene)cyclotriphosphazene. <i>Journal of the American Chemical Society</i> , 2017, 139, 10486-10498.	6.6	52
59	One-pot three-component route for the synthesis of <i>S</i> -trifluoromethyl dithiocarbamates using Togni's reagent. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 2502-2508.	1.3	11
60	Turkish Scorzonera Species Extracts Attenuate Cytokine Secretion via Inhibition of NF- κ B Activation, Showing Anti-Inflammatory Effect in Vitro. <i>Molecules</i> , 2016, 21, 43.	1.7	21
61	Bisamidate Prodrugs of 2-Substituted 9-[(2-(Phosphonomethoxy)ethyl]adenine (PMEA, adefovir) as Selective Inhibitors of Adenylate Cyclase Toxin from <i>Bordetella pertussis</i> . <i>ChemMedChem</i> , 2015, 10, 1351-1364.	1.6	18
62	Synthesis and Evaluation of Novel Acyclic Nucleoside Phosphonates as Inhibitors of <i>Plasmodium falciparum</i> and Human α -Oxopurine Phosphoribosyltransferases. <i>ChemMedChem</i> , 2015, 10, 1707-1723.	1.6	21
63	Solid-state NMR studies of nucleic acid components. <i>RSC Advances</i> , 2015, 5, 12300-12310.	1.7	27
64	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.	1.7	1
65	Synthesis of locked cyclohexene and cyclohexane nucleic acids (LCeNA and LCNA) with modified adenosine units. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2703-2715.	1.5	6
66	A New Analogue of Locked Cyclohexane Nucleic Acids. <i>Synthesis</i> , 2015, 47, 2654-2662.	1.2	0
67	Vibrational Properties of the Phosphate Group Investigated by Molecular Dynamics and Density Functional Theory. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10682-10692.	1.2	23
68	Synthesis and structure-activity relationship studies of polysubstituted pyrimidines as inhibitors of immune-activated nitric oxide production. <i>Medicinal Chemistry Research</i> , 2015, 24, 2154-2166.	1.1	9
69	Analysis of local molecular motions of aromatic sidechains in proteins by 2D and 3D fast MAS NMR spectroscopy and quantum mechanical calculations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28789-28801.	1.3	19
70	Resonance-assisted stabilisation of hydrogen bonds probed by NMR spectroscopy and path integral molecular dynamics. <i>Chemical Communications</i> , 2015, 51, 13986-13989.	2.2	20
71	Determination of Absolute Configuration in Chiral Solvents with Nuclear Magnetic Resonance. A Combined Molecular Dynamics/Quantum Chemical Study. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5260-5268.	1.1	4
72	Norbornane-based nucleoside and nucleotide analogues locked in North conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 184-191.	1.4	16

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73	NMR Studies of Purines. Annual Reports on NMR Spectroscopy, 2014, 82, 59-113.	0.7	14
74	Separation of planar rotamers through intramolecular hydrogen bonding in polysubstituted 5-nitrosopyrimidines. Chemical Communications, 2014, 50, 14892-14895.	2.2	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.	1.4	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.	1.0	9
77	Dynamics of water molecules and sodium ions in solid hydrates of nucleotides. CrystEngComm, 2014, 16, 6756-6764.	1.3	12
78	Effects of Quantum Nuclear Delocalisation on NMR Parameters from Path Integral Molecular Dynamics. Chemistry - A European Journal, 2014, 20, 2201-2207.	1.7	52
79	Synthesis of Novel Purine-Based Coxsackievirus Inhibitors Bearing Polycyclic Substituents at the N9 Position. Archiv Der Pharmazie, 2014, 347, 478-485.	2.1	5
80	5-Substituted 2-amino-4,6-dihydropyrimidines and 2-amino-4,6-dichloropyrimidines: synthesis and inhibitory effects on immune-activated nitric oxide production. Medicinal Chemistry Research, 2014, 23, 4482-4490.	1.1	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.	2.0	41
82	A molecular dynamics study of the effects of fast molecular motions on solid-state NMR parameters. CrystEngComm, 2013, 15, 8705.	1.3	77
83	The effect of novel [3-fluoro-(2-phosphonoethoxy)propyl]purines on the inhibition of Plasmodium falciparum, Plasmodium vivax and human hypoxanthine-guanine(xanthine) phosphoribosyltransferases. European Journal of Medicinal Chemistry, 2013, 67, 81-89.	2.6	19
84	Lithium Insertion into Titanium Dioxide (Anatase): A Raman Study with ¹⁶ O and ^{6,7} Li Isotope Labeling. Chemistry of Materials, 2013, 25, 3710-3717.	3.2	17
85	Conductivity of boron-doped polycrystalline diamond films: influence of specific boron defects. European Physical Journal B, 2013, 86, 1.	0.6	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.	2.3	26
87	A Switchable Intramolecular Hydrogen Bond in Polysubstituted 5-Nitrosopyrimidines. Journal of Organic Chemistry, 2013, 78, 10121-10133.	1.7	14
88	A conversion of aromatic thiocyanates into sulfothioates: new synthetic route to aromatic Bunte salts. RSC Advances, 2013, 3, 2650.	1.7	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.	1.5	21
90	Synthesis and biological evaluation of guanidino analogues of roscovitine. European Journal of Medicinal Chemistry, 2013, 62, 443-452.	2.6	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. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1199-1208.	1.4	13
92	Conformational Sampling by Ab Initio Molecular Dynamics Simulations Improves NMR Chemical Shift Predictions. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 3806-3815.	2.3	48
93	Synthesis and evaluation of 17 β -(carboranylalkyl)estradiols as ligands for estrogen receptors α and β . <i>Journal of Organometallic Chemistry</i> , 2013, 747, 178-183.	0.8	9
94	Resolution of Organic Polymorphic Crystals by Raman Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7297-7307.	1.2	25
95	Formation, Persistence, and Identification of DNA Adducts Formed by the Carcinogenic Environmental Pollutant o-Anisidine in Rats. <i>Toxicological Sciences</i> , 2012, 127, 348-359.	1.4	14
96	One-pot build-up procedure for the synthesis of variously substituted purine derivatives. <i>RSC Advances</i> , 2012, 2, 6970.	1.7	22
97	An efficient oxa-Michael addition to diethyl vinylphosphonate under mild reaction conditions. <i>RSC Advances</i> , 2012, 2, 1282-1284.	1.7	13
98	Microwave-assisted hydrolysis of phosphonate diesters: an efficient protocol for the preparation of phosphonic acids. <i>Green Chemistry</i> , 2012, 14, 2282.	4.6	35
99	Determination of the antioxidative activity of substituted 5-aminopyrimidines. <i>Free Radical Research</i> , 2012, 46, 61-67.	1.5	4
100	Profiling and characterization of volatile secretions from the European stink bug <i>Graphosoma lineatum</i> (Heteroptera: Pentatomidae) by two-dimensional gas chromatography/time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 881-882, 69-75.	1.2	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. <i>European Journal of Medicinal Chemistry</i> , 2012, 55, 307-314.	2.6	10
102	Compound instability in dimethyl sulphoxide, case studies with 5-aminopyrimidines and the implications for compound storage and screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6405-6409.	1.0	7
103	Solution and Solid-State Effects on NMR Chemical Shifts in Sesquiterpene Lactones: NMR, X-ray, and Theoretical Methods. <i>Journal of Physical Chemistry A</i> , 2012, 116, 680-688.	1.1	21
104	¹³ C- and ¹⁵ N-NMR study of substituted purine derivatives: an experimental and theoretical ¹ H, ¹³ C and ¹⁵ N NMR study. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 181-186.	1.1	7
105	Long-range heteronuclear coupling constants in 2,6-disubstituted purine derivatives. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 295-298.	1.1	10
106	¹³ C GIAO DFT calculation as a tool for configuration prediction of N=O group in saturated heterocyclic N-oxides. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 415-423.	1.1	10
107	Synthesis of 9-phosphonoalkyl and 9-phosphonoalkoxyalkyl purines: Evaluation of their ability to act as inhibitors of <i>Plasmodium falciparum</i> , <i>Plasmodium vivax</i> and human hypoxanthine-guanine (xanthine) phosphoribosyltransferases. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1076-1089.	1.4	36
108	Synthesis of purine N9-[2-hydroxy-3-O-(phosphonomethoxy)propyl] derivatives and their side-chain modified analogs as potential antimalarial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1222-1230.	1.4	25

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109	Novel substituted 9-norbornylpurines and their activities against RNA viruses. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1963-1968.	1.0	7
110	Synthesis of novel azanorbornylpurine derivatives. <i>Tetrahedron</i> , 2012, 68, 1286-1298.	1.0	13
111	An efficient microwave-assisted synthesis and biological properties of polysubstituted pyrimidinyl- and 1,3,5-triazinylphosphonic acids. <i>Tetrahedron</i> , 2012, 68, 865-871.	1.0	23
112	Synthesis of novel thienonorbornylpurine derivatives. <i>Tetrahedron</i> , 2012, 68, 3195-3204.	1.0	5
113	A novel type of acyclic nucleoside phosphonates derived from 2-(phosphonomethoxy)propanoic acid. <i>Tetrahedron</i> , 2012, 68, 4003-4012.	1.0	11
114	Computational and Experimental Evidence of Through-Space NMR Spectroscopic $\langle i \rangle J \langle /i \rangle$ Coupling of Hydrogen Atoms. <i>Chemistry - A European Journal</i> , 2012, 18, 981-986.	1.7	25
115	Vibrational averaging of the chemical shift in crystalline β -glycine. <i>Journal of Computational Chemistry</i> , 2012, 33, 1080-1089.	1.5	26
116	Efficient one-pot synthesis of polysubstituted 6-[(1H-1,2,3-triazol-1-yl)methyl]uracils through the Cu -catalyzed Huisgen 1,3-dipolar cycloaddition protocol. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1121-1131.	1.0	10
117	Efficient and "green" microwave-assisted synthesis of haloalkylphosphonates via the Michaelis-Arbuzov reaction. <i>Green Chemistry</i> , 2011, 13, 882.	4.6	40
118	Microwave assisted synthesis and solid-state characterization of lithocholyl amides of isomeric aminopyridines. <i>Steroids</i> , 2011, 76, 261-268.	0.8	12
119	Synthesis of O2- and N3-(2-Phosphonomethoxy)ethyl Derivatives of 6-Phenyl- and 6-Pyridinyl-5-azacytosine. <i>Heterocycles</i> , 2011, 83, 797.	0.4	4
120	The efficient synthesis of 2-arylpyrimidine acyclic nucleoside phosphonates using Liebeskind-Srogl cross-coupling reaction. <i>Tetrahedron</i> , 2011, 67, 7379-7385.	1.0	16
121	Highly enantioselective organocatalytic cascade reaction for the synthesis of piperidines and oxazolidines. <i>Tetrahedron</i> , 2011, 67, 8942-8950.	1.0	44
122	The determination of sulfoxide configuration in five-membered rings using NMR spectroscopy and DFT calculations. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1797-1808.	1.8	3
123	Ab initio modeling of fused silica, crystal quartz, and water Raman spectra. <i>Chemical Physics Letters</i> , 2011, 512, 54-59.	1.2	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. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3748-3754.	2.6	58
125	Synthesis and antiviral activity of N9-[3-fluoro-2-(phosphonomethoxy)propyl] analogues derived from N6-substituted adenines and 2,6-diaminopurines. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2114-2124.	1.4	27
126	The synthesis of piperidine nucleoside analogs—a comparison of several methods to access the introduction of nucleobases. <i>Tetrahedron</i> , 2011, 67, 1485-1500.	1.0	26

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127	The observed and calculated ¹ H and ¹³ C chemical shifts of tertiary amines and their <i>N</i> -oxides. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 320-327.	1.1	14
128	Mechanism of the Isotopic Exchange Reaction of the 5 ^H Hydrogen of Uracil Derivatives in Water and Nonprotic Solvents. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 777-785.	1.2	10
129	Tautomerism and the Protonation/Deprotonation of Isocytosine in Liquid and Solid States Studied by NMR Spectroscopy and Theoretical Calculations. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1544-1551.	1.2	37
130	The Synthesis and Conformation of Dihydroxypiperidinyl Derivates of Nucleobases as Novel Iminosugar Nucleoside Analogs. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2172-2187.	1.2	8
131	8-Aza-7,9-dideazaxanthine acyclic nucleoside phosphonate inhibitors of thymidine phosphorylase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 652-654.	1.0	10
132	SAR studies of 9-norbornylpurines as Coxsackievirus B3 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4271-4275.	1.0	20
133	New prodrugs of Adefovir and Cidofovir. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3527-3539.	1.4	22
134	The optimized microwave-assisted decomposition of formamides and its synthetic utility in the amination reactions of purines. <i>Tetrahedron</i> , 2011, 67, 866-871.	1.0	38
135	The determination of sulfoxide configuration in six-membered rings using NMR spectroscopy and DFT calculations. <i>Tetrahedron: Asymmetry</i> , 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. <i>Synthesis</i> , 2011, 2011, 4077-4083.	1.2	3
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