Leonid B Krivdin

List of Publications by Year
in descending order

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206	3,588	182225	252626
papers	citations	30 h-index	46 g-index

210	210	210	1311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational NMR of charged systems. Magnetic Resonance in Chemistry, 2022, 60, 8-79.	1.1	7
2	Fourâ€component relativistic calculations of NMR shielding constants of the transition metal complexes. Part 1: Pentaammines of cobalt, rhodium, and iridium. Magnetic Resonance in Chemistry, 2022, 60, 463-468.	1.1	4
3	Computational NMR of natural products: on the way to super large molecules exemplified with alasmontamine A. Magnetic Resonance in Chemistry, 2022, , .	1.1	3
4	Computational¹H and¹³C NMR in structural and stereochemical studies. Magnetic Resonance in Chemistry, 2022, 60, 733-828.	1.1	17
5	Combined Computational NMR and Molecular Docking Scrutiny of Potential Natural SARS-CoV-2 M^{pro} Inhibitors. Journal of Physical Chemistry B, 2022, 126, 2173-2187.	1.2	7
6	Stereochemical dependence of substituent Î³â€effects in the ¹⁹F NMR shielding constants. Magnetic Resonance in Chemistry, 2022, 60, 869-876.	1.1	1
7	Fluorine spinâ€“spin coupling constants of pentafluorobenzene revisited at the ab initio correlated levels. Magnetic Resonance in Chemistry, 2022, , .	1.1	3
8	Computational ¹⁹⁹Hg NMR. Magnetic Resonance in Chemistry, 2022, 60, 929-953.	1.1	9
9	Computational 1 H and 13 C NMR of strychnobaillonine: On the way to larger molecules calculated at lower computational costs. Magnetic Resonance in Chemistry, 2021, 59, 108-116.	1.1	9
10	Computational NMR of heavy nuclei involving 109Ag, 113Cd, 119Sn, 125Te, 195Pt, 199Hg, 205Tl, and 207Pb. Russian Chemical Reviews, 2021, 90, 1166-1212.	2.5	12
11	Computational 1 H and 13 C NMR of the trimeric monoterpenoid indole alkaloid strychnohexamine: Selected spectral updates. Magnetic Resonance in Chemistry, 2021, 59, 691-700.	1.1	9
12	Benchmark density functional theory calculations of 13 C NMR chemical shifts of the natural antimalarial compounds with a new basis set 3zâ€S. International Journal of Quantum Chemistry, 2021, 121, e26639.	1.0	4
13	Recent advances in computational liquid-phase 77Se NMR. Russian Chemical Reviews, 2021, 90, 265-279.	2.5	14
14	Computational NMR of Carbohydrates: Theoretical Background, Applications, and Perspectives. Molecules, 2021, 26, 2450.	1.7	21
15	COMPUTATIONAL NMR OF CARBOHYDRATES: THEORETICAL BACKGROUND, APPLICATIONS, AND PERSPECTIVES. Modern Technologies and Scientific and Technological Progress, 2021, 1, 36-37.	0.0	0
16	HIGH-PRECISION CALCULATION OF 1H AND 13C NMR CHEMICAL SHIFTS OF STRICHNINA ALKALOIDS. Modern Technologies and Scientific and Technological Progress, 2021, 1, 40-42.	0.0	0
17	MECHANISMS OF TRANSMISSION OF THE SPIN-SPIN INTERACTION OF CARBON-CARBON IN A SERIES OF BICYCLOBUTANE DERIVATIVES. Scientific Papers Collection of the Angarsk State Technical University, 2021, 2021, 77-87.	0.1	0
18	Simple and Versatile Scheme for the Stereochemical Identification of Natural Products and Diverse Organic Compounds with Multiple Asymmetric Centers. Journal of Physical Chemistry A, 2021, 125, 10359-10372.	1.1	7

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19	Computational ¹H NMR: Part 2. Chemical applications. Magnetic Resonance in Chemistry, 2020, 58, 5-14.	1.1	35
20	Computational ¹H NMR: Part 3. Biochemical studies. Magnetic Resonance in Chemistry, 2020, 58, 15-30.	1.1	36
21	DFT computational schemes for ¹H and ¹³C NMR chemical shifts of natural products, exemplified by strychnine. Magnetic Resonance in Chemistry, 2020, 58, 56-64.	1.1	35
22	The ¹H and ¹³C NMR chemical shifts of Strychnos alkaloids revisited at the DFT level. Magnetic Resonance in Chemistry, 2020, 58, 532-539.	1.1	15
23	Recent advances in computational ³¹P NMR: Part 1. Chemical shifts. Magnetic Resonance in Chemistry, 2020, 58, 478-499.	1.1	28
24	Recent advances in computational ³¹P NMR: Part 2. Spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2020, 58, 500-511.	1.1	20
25	Four-component relativistic computational NMR study of ferrous, cobalt and nickel bisglycinates. Mendeleev Communications, 2020, 30, 476-478.	0.6	3
26	Computational aspects of 19F NMR. Russian Chemical Reviews, 2020, 89, 1040-1073.	2.5	24
27	A New Basis Set for the Calculation of ¹³C NMR Chemical Shifts within a Non-empirical Correlated Framework. Journal of Physical Chemistry A, 2020, 124, 7322-7330.	1.1	4
28	Computational liquid-phase and solid-state 29Si NMR. Russian Chemical Reviews, 2020, 89, 449-468.	2.5	17
29	<scp>¹H</scp> and <scp>¹³C NMR</scp> spectra of Strychnos alkaloids: Selected <scp>NMR</scp> updates. International Journal of Quantum Chemistry, 2020, 120, e26348.	1.0	13
30	Computational Protocols for the 19F NMR Chemical Shifts. Part 1: Methodological Aspects. Journal of Fluorine Chemistry, 2020, 238, 109625.	0.9	7
31	Quantum-chemical Study of the Mechanisms of Organic Reactions: VIII. On the Reaction of Ethane-1,2-dithiol with 1,3-Dichlorobut-2-ene in the Hydrazine Hydrateâ€“KOH System. Russian Journal of Organic Chemistry, 2019, 55, 662-669.	0.3	2
32	Stereochemical Dependences of <sup>31</sup Pâ€“¹³C Spinâ€“Spin Coupling Constants of Heterocyclic Phosphines. Journal of Physical Chemistry A, 2019, 123, 6298-6303.	1.1	8
33	Calculation of ¹⁵N NMR Chemical Shifts in a Diversity of Nitrogen-Containing Compounds Using Composite Method Approximation at the DFT, MP2, and CCSD Levels. Journal of Physical Chemistry A, 2019, 123, 8417-8426.	1.1	7
34	Geometries and NMR properties of cisplatin and transplatin revisited at the four-component relativistic level. Mendeleev Communications, 2019, 29, 315-317.	0.6	9
35	Computational protocols for calculating 13C NMR chemical shifts. Progress in Nuclear Magnetic Resonance Spectroscopy, 2019, 112-113, 103-156.	3.9	71
36	Computational Multinuclear NMR of Platinum Complexes: A Relativistic Four-Component Study. Journal of Physical Chemistry A, 2019, 123, 4908-4920.	1.1	14

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37	Computational ¹H NMR: Part 1. Theoretical background. Magnetic Resonance in Chemistry, 2019, 57, 897-914.	1.1	44
38	DFT computational schemes for ¹⁵N NMR chemical shifts of the condensed nitrogenâ€containing heterocycles. Magnetic Resonance in Chemistry, 2019, 57, 346-358.	1.1	7
39	GIAOâ€ĐFT calculation of ¹⁵N NMR chemical shifts of Schiff bases: Accuracy factors and protonation effects. Magnetic Resonance in Chemistry, 2018, 56, 727-739.	1.1	7
40	Carbon-carbon spin-spin coupling constants: Practical applications of theoretical calculations. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 105, 54-99.	3.9	56
41	Relativistic effects in the NMR spectra of compounds containing heavy chalcogens. Mendeleev Communications, 2018, 28, 1-13.	0.6	51
42	Substitution effects in the <scp>¹⁵N NMR</scp> chemical shifts of heterocyclic azines evaluated at the <scp>GIAOâ€ĐFT</scp> level. Magnetic Resonance in Chemistry, 2018, 56, 767-774.	1.1	7
43	Quantum Chemical Study of Mechanisms of Organic Reactions: VII. Reaction of Ethane-1,2-dithiol with 1,3-Dichloropropene in the System Hydrazine Hydrateâ€“KOH. Russian Journal of Organic Chemistry, 2018, 54, 1446-1452.	0.3	5
44	Theoretical calculations of carbon-hydrogen spin-spin coupling constants. Progress in Nuclear Magnetic Resonance Spectroscopy, 2018, 108, 17-73.	3.9	53
45	Relativistic heavy atom effect on the <scp>³¹P NMR</scp> parameters of phosphine chalcogenides. Part 1. Chemical shifts. Magnetic Resonance in Chemistry, 2018, 56, 1061-1073.	1.1	16
46	Calculation of ¹⁵N and ³¹P NMR Chemical Shifts of Azoles, Phospholes, and Phosphazoles: A Gateway to Higher Accuracy at Less Computational Cost. Journal of Physical Chemistry A, 2018, 122, 6746-6759.	1.1	10
47	On the accuracy factors and computational cost of the GIAOâ€“DFT calculation of ¹⁵N NMR chemical shifts of amides. Magnetic Resonance in Chemistry, 2017, 55, 1015-1021.	1.1	9
48	Calculation of125Te NMR Chemical Shifts at the Full Four-Component Relativistic Level with Taking into Account Solvent and Vibrational Corrections: A Gateway to Better Agreement with Experiment. Journal of Physical Chemistry A, 2017, 121, 4793-4803.	1.1	19
49	Calculation of 15 N NMR chemical shifts: Recent advances and perspectives. Progress in Nuclear Magnetic Resonance Spectroscopy, 2017, 102-103, 98-119.	3.9	58
50	Quantum chemical studies of mechanisms of organic reactions: VI. Reaction of ethane-1,2-dithiol with vinylidene chloride. Russian Journal of Organic Chemistry, 2017, 53, 986-994.	0.3	8
51	On the longâ€range relativistic effects in the ¹⁵<scp>N NMR</scp> chemical shifts of halogenated azines. Magnetic Resonance in Chemistry, 2017, 55, 990-995.	1.1	7
52	On the significant relativistic heavy atom effect on ¹³C NMR chemical shifts of Î²- and Î³-carbons in seleno- and telluroketones. Molecular Physics, 2017, 115, 3117-3127.	0.8	17
53	Quantum-chemical calculations of NMR chemical shifts of organic molecules: XV. Relativistic calculations of 29Si NMR chemical shifts of silanes. Russian Journal of Organic Chemistry, 2017, 53, 643-651.	0.3	6
54	Relativistic effects of chlorine in 15N NMR chemical shifts of chlorine-containing amines. Russian Journal of Organic Chemistry, 2017, 53, 1738-1739.	0.3	2

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55	Calculation of 15N NMR chemical shifts of amines in the framework of the density functional theory. Russian Chemical Bulletin, 2017, 66, 2248-2252.	0.4	1
56	Normal halogen dependence of ¹³C NMR chemical shifts of halogenomethanes revisited at the fourâ€component relativistic level. Magnetic Resonance in Chemistry, 2016, 54, 787-792.	1.1	18
57	Theoretical grounds of relativistic methods for calculation of spinâ€“spin coupling constants in nuclear magnetic resonance spectra. Russian Chemical Reviews, 2016, 85, 356-426.	2.5	63
58	Accounting for intermolecular effects in the calculation of 15N NMR chemical shifts of protonated nitrogen-containing compounds. Russian Journal of Organic Chemistry, 2016, 52, 1695-1696.	0.3	0
59	New relativistic computational schemes for 13C NMR chemical shifts. Russian Journal of Organic Chemistry, 2016, 52, 1203-1204.	0.3	2
60	Indirect relativistic bridge and substituent effects from the â€˜heavyâ€™ environment on the oneâ€bond and twoâ€bond ¹³Cï£¿¹H spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2016, 54, 39-45.	1.1	10
61	On the HALA effect in the NMR carbon shielding constants of the compounds containing heavy pâ€elements. International Journal of Quantum Chemistry, 2016, 116, 1404-1412.	1.0	39
62	Quantum chemical study of mechanisms of organic reactions: V. Addition of ethane-1,2-dithiol to 4-hydroxy-4-methylpent-2-ynenitrile. Russian Journal of Organic Chemistry, 2016, 52, 1267-1276.	0.3	2
63	First example of the correlated calculation of the oneâ€bond telluriumâ€“carbon spinâ€“spin coupling constants: Relativistic effects, vibrational corrections, and solvent effects. Journal of Computational Chemistry, 2016, 37, 1367-1372.	1.5	18
64	Relativistic effect of iodine in 13C NMR chemical shifts of iodomethanes from quantum chemical calculations within the framework of the full four-component relativistic Diracâ€”Coulomb scheme. Russian Chemical Bulletin, 2015, 64, 2756-2762.	0.4	14
65	Theoretical and experimental ¹⁵N NMR study of enamineâ€“imine tautomerism of 4â€trifluoromethyl[b]benzoâ€1,4â€diazepine system. Magnetic Resonance in Chemistry, 2015, 53, 1031-1034.	1.1	18
66	MP2 calculation of ⁷⁷Se NMR chemical shifts taking into account relativistic corrections. Magnetic Resonance in Chemistry, 2015, 53, 485-492.	1.1	19
67	Relativistic Environmental Effects in ²⁹Si NMR Chemical Shifts of Halosilanes: Light Nucleus, Heavy Environment. Journal of Physical Chemistry A, 2015, 119, 5778-5789.	1.1	11
68	Quantum chemical study of mechanisms of organic reactions. Russian Chemical Bulletin, 2015, 64, 511-517.	0.4	4
69	Theoretical and experimental study of ¹⁵ N NMR protonation shifts. Magnetic Resonance in Chemistry, 2015, 53, 433-441.	1.1	26
70	Quantum chemical study of mechanisms of organic reactions: IV. Nucleophilic addition of ethylene glycol to 4-hydroxybut-2-ynenitrile. Russian Journal of Organic Chemistry, 2015, 51, 313-318.	0.3	5
71	Fourâ€component relativistic <scp>DFT</scp> calculations of ⁷⁷Se <scp>NMR</scp> chemical shifts: A gateway to a reliable computational scheme for the mediumâ€sized organoselenium molecules. Journal of Computational Chemistry, 2015, 36, 1756-1762.	1.5	13
72	Calculations of 29Si NMR shifts of organylsilanes by DFT taking into account solvent effects and relativistic corrections. Russian Chemical Bulletin, 2015, 64, 551-557.	0.4	6

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73	Stereochemical behavior of geminal and vicinal ⁷⁷Seâ€“¹³C spinâ€“spin coupling constants studied at the SOPPA(CC2) level taking into account relativistic corrections. Magnetic Resonance in Chemistry, 2015, 53, 93-98.	1.1	10
74	Quantum-chemical calculations of NMR chemical shifts of organic molecules: XIV. Solvation effects in calculations of chemical shifts in 13C NMR spectra of chlorine-containing compounds. Russian Journal of Organic Chemistry, 2014, 50, 1082-1086.	0.3	4
75	Towards the versatile DFT and MP2 computational schemes for³¹P NMR chemical shifts taking into account relativistic corrections. Magnetic Resonance in Chemistry, 2014, 52, 699-710.	1.1	38
76	Nonempirical calculations of the oneâ€bond ²⁹Siâ€“¹³C spinâ€“spin coupling constants taking into account relativistic and solvent corrections. Magnetic Resonance in Chemistry, 2014, 52, 413-421.	1.1	10
77	On the accuracy of the GIAOâ€DFT calculation of ¹⁵N NMR chemical shifts of the nitrogenâ€containing heterocycles â€“ a gateway to better agreement with experiment at lower computational cost. Magnetic Resonance in Chemistry, 2014, 52, 222-230.	1.1	42
78	Full fourâ€component relativistic calculations of the oneâ€bond ⁷⁷Seâ€“¹³C spinâ€spin coupling constants in the series of selenium heterocycles and their parent openâ€chain selenides. Magnetic Resonance in Chemistry, 2014, 52, 214-221.	1.1	15
79	Quantum-chemical calculations of NMR chemical shifts of organic molecules: XII. Calculation of the 13C NMR chemical shifts of fluoromethanes at the DFT level. Russian Journal of Organic Chemistry, 2014, 50, 160-164.	0.3	8
80	Relativistic effects in the oneâ€bond spinâ€“spin coupling constants involving selenium. Magnetic Resonance in Chemistry, 2014, 52, 500-510.	1.1	18
81	Solvent effects in the GIAO-DFT calculations of the¹⁵N NMR chemical shifts of azoles and azines. Magnetic Resonance in Chemistry, 2014, 52, 686-693.	1.1	38
82	Quantum-chemical calculations of NMR chemical shifts of organic molecules: XIII. Accuracy of the calculation of 15N NMR chemical shifts of azines with account taken of solvation effects. Russian Journal of Organic Chemistry, 2014, 50, 381-388.	0.3	14
83	Quantum-chemical study of organic reaction mechanisms. Part 2. Addition of selenium dichloride to acetylene. Journal of Organometallic Chemistry, 2014, 766, 49-56.	0.8	10
84	Quantum-chemical study of organic reaction mechanisms: I. Addition of selenium dihalides to the double bond of vinyl ethers. Russian Journal of Organic Chemistry, 2013, 49, 508-515.	0.3	9
85	First example of a high-level correlated calculation of the indirect spinâ€“spin coupling constants involving tellurium: tellurophene and divinyl telluride. Physical Chemistry Chemical Physics, 2013, 15, 13101-13107.	1.3	30
86	Quantum-chemical calculations of NMR chemical shifts of organic molecules: X. Dynamic equilibrium effects in the 29Si NMR spectra of silacycloalkanes. Russian Journal of Organic Chemistry, 2013, 49, 832-837.	0.3	9
87	Quantum-chemical calculations of NMR chemical shifts of organic molecules: IX. Electronic structure of [dimethylamino(chloro)methylideneamino]trichlorophosphonium hexachlorophosphate: Azomethine or azophosphine?. Russian Journal of Organic Chemistry, 2013, 49, 195-197.	0.3	6
88	Modern quantum chemical methods for calculating spinâ€“spin coupling constants: theoretical basis and structural applications in chemistry. Russian Chemical Reviews, 2013, 82, 99-130.	2.5	107
89	Quantum chemical calculations of NMR chemical shifts of organic molecules: XI. Conformational and relativistic effects on the 31P and 77Se chemical shifts of phosphine selenides. Russian Journal of Organic Chemistry, 2013, 49, 1420-1427.	0.3	11
90	Karplus dependence of spinâ€“spin coupling constants revisited theoretically. Part 1: second-order double perturbation theory. Physical Chemistry Chemical Physics, 2013, 15, 18195.	1.3	5

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91	Quantum-chemical calculations of NMR chemical shifts of organic molecules: VII. Intramolecular coordination effect in the 29Si NMR spectra of siletanes. Russian Journal of Organic Chemistry, 2013, 49, 34-41.	0.3	10
92	Quantum-chemical calculations of NMR chemical shifts of organic molecules: VIII. Solvation effects on 15N NMR chemical shifts of nitrogen-containing heterocycles. Russian Journal of Organic Chemistry, 2013, 49, 379-383.	0.3	15
93	Oneâ€bond ²⁹Siâ€¹H spinâ€spin coupling constants in the series of halosilanes: benchmark SOPPA and DFT calculations, relativistic effects, and vibrational corrections. Magnetic Resonance in Chemistry, 2013, 51, 557-561.	1.1	15
94	Quantum-chemical calculations of NMR chemical shifts of organic molecules: VI. Accuracy of DFT calculations of 29Si chemical shifts of four-coordinate silicon compounds. Russian Journal of Organic Chemistry, 2012, 48, 1518-1525.	0.3	9
95	Openâ€chain unsaturated selanyl sulfides: stereochemical structure and stereochemical behavior of their ⁷⁷Seâ€“¹H spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2012, 50, 653-658.	1.1	20
96	Structural trends of ²⁹Siâ€“¹H spinâ€“spin coupling constants across double bond. Magnetic Resonance in Chemistry, 2012, 50, 665-671.	1.1	15
97	Algebraic-diagrammatic construction polarization propagator approach to indirect nuclear spinâ€“spin coupling constants. Journal of Chemical Physics, 2012, 137, 044119.	1.2	15
98	The effects of intramolecular and intermolecular coordination on ³¹P nuclear shielding: phosphorylated azoles. Magnetic Resonance in Chemistry, 2012, 50, 120-127.	1.1	14
99	Stereochemical behavior of ⁷⁷Seâ€¹H spinâ€spin coupling constants in pyrazolylâ€1,3â€diselenanes and 1,2â€diselenolane. Magnetic Resonance in Chemistry, 2012, 50, 169-173.	1.1	24
100	Benchmark calculations of ²⁹Siâ€“¹H spinâ€“spin coupling constants across double bond. Magnetic Resonance in Chemistry, 2012, 50, 278-283.	1.1	18
101	Resonance assignments of diastereotopic CH₂ protons in the anomeric side chain of selenoglycosides by means of ²J(Se,H) spinâ€spin coupling constants. Magnetic Resonance in Chemistry, 2012, 50, 488-495.	1.1	22
102	Stereochemical behavior of ²â€‰J(Se,H) and ³â€‰J(Se,H) spinâ€spin coupling constants across sp³ carbons: a theoretical scrutiny. Magnetic Resonance in Chemistry, 2012, 50, 557-562.	1.1	15
103	Quantum-chemical calculations of chemical shifts in NMR spectra of organic molecules: V. Stereochemical structure of unsaturated phosphonic acids dichlorides from 31P NMR spectral data. Russian Journal of Organic Chemistry, 2012, 48, 676-681.	0.3	15
104	Quantum-chemical calculations of NMR chemical shifts of organic molecules: II. Influence of medium, relativistic effects, and vibrational corrections on phosphorus magnetic shielding constants in the simplest phosphines and phosphine chalcogenides. Russian Journal of Organic Chemistry, 2011, 47, 355-362.	0.3	18
105	Cascade synthesis of 2-amino-5-(4-methoxyphenyl)-4-phenyl-1,3-thiazole by reaction of 4-chloro-N-[2,2-dichloro-1-(4-methoxyphenyl)-2-phenylethyl]benzenesulfonamide with thiourea. Russian Journal of Organic Chemistry, 2011, 47, 572-576.	0.3	2
106	Quantum-chemical calculation of NMR chemical shifts of organic molecules: III. Intramolecular coordination effects on the 31P NMR chemical shifts of phosphorylated N-vinylazoles. Russian Journal of Organic Chemistry, 2011, 47, 1859-1864.	0.3	11
107	Quantum-chemical calculations of NMR chemical shifts of organic molecules: IV. Effect of intermolecular coordination on 31P NMR shielding constants and chemical shifts of molecular complexes of phosphorus pentachloride with azoles. Russian Journal of Organic Chemistry, 2011, 47, 1865-1869.	0.3	11
108	Experimental and computational studies of ⁿJ(⁷⁷Se,¹H) seleniumâ€“proton couplings in selenoglycosides. Magnetic Resonance in Chemistry, 2011, 49, 190-194.	1.1	32

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109	Conformational analysis and diastereotopic assignments in the series of seleniumâ€containing heterocycles by means of ⁷⁷Seâ€¹H spinâ€spin coupling constants: a combined theoretical and experimental study. Magnetic Resonance in Chemistry, 2011, 49, 389-398.	1.1	42
110	Stereochemical study of the sterically crowded phenylselanylalkenes by means of ⁷⁷Seï£¿¹H spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2011, 49, 570-574.	1.1	13
111	Benchmarking SOPPA(CC2) for the calculation of indirect nuclear spinâ€“spin coupling constants: Carbocycles. Chemical Physics, 2011, 381, 35-43.	0.9	31
112	Quantum-chemical calculations of NMR chemical shifts of organic molecules: I. Phosphines, phosphine oxides, and phosphine sulfides. Russian Journal of Organic Chemistry, 2010, 46, 785-790.	0.3	24
113	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVII. Vinyl ethers with furyl and cycloacetal fragments: Synthesis and structure. Russian Journal of Organic Chemistry, 2010, 46, 1383-1387.	0.3	7
114	A novel regiospecific cascade synthesis of sulfonamide derivatives from N-(2-polychloroethyl)sulfonamides via chloroaziridine intermediates in the presence of mercaptoethanol. Molecular Diversity, 2010, 14, 533-541.	2.1	16
115	Structural trends of ⁷⁷Seï£¿¹H spinâ€“spin coupling constants and conformational behavior of 2â€substituted selenophenes. Magnetic Resonance in Chemistry, 2010, 48, 44-52.	1.1	77
116	Trivinylphosphine and trivinylphosphine chalcogenides: stereochemical trends of 31Pï£¿1H spin-spin coupling constants. Magnetic Resonance in Chemistry, 2010, 48, S48-S55.	1.1	19
117	One-Pot Vinylation of Secondary Phosphine Chalcogenides with Vinyl Sulfoxides. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1838-1844.	0.8	10
118	Synthesis of Functionalized l-Cysteine and l-Methionine by Reaction with Electron-Deficient Acetylenes. Synthesis, 2009, 2009, 3136-3142.	1.2	7
119	Conformational analysis and stereochemical dependences of ³¹Pâ€“¹H spinâ€“spin coupling constants of bis(2â€phenethyl)vinylphosphine and related phosphine chalcogenides. Magnetic Resonance in Chemistry, 2009, 47, 288-299.	1.1	21
120	Conformational analysis of N-vinyl-2-phenylpyrrole. Chemistry of Heterocyclic Compounds, 2009, 45, 28-34.	0.6	1
121	13C-13C spin-spin coupling constants in structural studies: XLIV. Carbonyl-containing oximes. Russian Journal of Organic Chemistry, 2009, 45, 481-485.	0.3	14
122	Theoretical conformational analysis of unsaturated phospines and phosphinechalcogenides. Russian Journal of Organic Chemistry, 2009, 45, 667-673.	0.3	5
123	C-amidoalkylation of pyrroles with N-trifluoromethylsulfonyl and N-arylsulfonyl polychloroaldehyde imines. Russian Journal of Organic Chemistry, 2009, 45, 1365-1374.	0.3	1
124	Conformational Analysis of 2-Formylselenophene by Means of 13C - 1H, 13C - 13C, and 77Se - 1H Spin - Spin Coupling Constants. Australian Journal of Chemistry, 2009, 62, 734.	0.5	20
125	Synthesis and conformational analysis of furfuryl vinyl ethers. Russian Chemical Bulletin, 2008, 57, 2132-2138.	0.4	3
126	Divinyl selenide: conformational study and stereochemical behavior of its ⁷⁷Seï£¿¹H spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2008, 46, 979-985.	1.1	43

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127	anti-Markovnikov addition of tellurium tetrachloride to trimethyl ethynyl silane. Journal of Organometallic Chemistry, 2008, 693, 2509-2513.	0.8	14
128	N-(2,2-Dichloro-2-phenylethylidene)arenesulfonamides in reactions with secondary amines. Russian Journal of General Chemistry, 2008, 78, 1371-1379.	0.3	14
129	13C-13C spin-spin coupling constants in structural studies: XLI. Stereochemical study on N-(polychloroethylidene)arenesulfonamides and Nâ€™-arylsulfonylformimidamides. Russian Journal of Organic Chemistry, 2008, 44, 76-85.	0.3	7
130	Reactions of N-(Polychloroethylidene)arene-and - trifluoromethanesulfonamides with indoles. Russian Journal of Organic Chemistry, 2008, 44, 86-94.	0.3	8
131	Incomparably easy migration of functionalized enol substituent in pyrrole ring. Russian Journal of Organic Chemistry, 2008, 44, 237-246.	0.3	3
132	13C-13C spin-spin coupling constants in structural studies: XLII. Stereochemical study on functionalized 2,5-dihydrofuran-2-imines. Russian Journal of Organic Chemistry, 2008, 44, 388-396.	0.3	6
133	13C-13C spin-spin coupling constants in structural studies: XLIII. Stereochemical study on functionalized 3-iminopyrrolizines. Russian Journal of Organic Chemistry, 2008, 44, 1338-1344.	0.3	7
134	Theoretical conformational analysis of divinyl selenide. Russian Journal of Organic Chemistry, 2008, 44, 1418-1421.	0.3	3
135	4-Dimethylaminoacetophenone O-vinyloxime: Synthesis and steric structure. Russian Journal of Organic Chemistry, 2008, 44, 1497-1503.	0.3	2
136	Small spiroalkanes: ring strain effects and carbon-carbon spin-spin coupling constants. Arkivoc, 2008, 2008, 68-73.	0.3	3
137	Recent Advances in Theoretical Calculations of Indirect Spinâ€“Spin Coupling Constants. Annual Reports on NMR Spectroscopy, 2007, , 133-245.	0.7	152
138	Stereochemical Study of 2-Substituted N-Vinylpyrroles. Australian Journal of Chemistry, 2007, 60, 583.	0.5	16
139	Facile coupling of 2â€(1â€ethylthioethenyl)pyrroles with amines: A route to 2â€(1â€aminoethenyl)pyrroles and 1â€aminoâ€3â€iminopyrrolizines. Journal of Heterocyclic Chemistry, 2007, 44, 505-513.	1.4	11
140	Conformational study of 2-arylazo-1-vinylpyrroles. Magnetic Resonance in Chemistry, 2007, 45, 142-151.	1.1	18
141	Configurational assignment of carbon, silicon and germanium containing propynal oximes by means of13Cï£¿1H,13Cï£¿13C and15Nï£¿1H spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2007, 45, 661-666.	1.1	24
142	Stereochemical study of iminodihydrofurans based on experimental measurements and SOPPA calculations of ¹³Cï£¿¹³C spinâ€“spin coupling constants. Magnetic Resonance in Chemistry, 2007, 45, 758-765.	1.1	15
143	Configurational assignment of Nâ€arylsulfonylimines of Î±â€polychloroaldehydes. Magnetic Resonance in Chemistry, 2007, 45, 980-984.	1.1	11
144	Orange to black electrochromic behaviour in poly(2-(2-thienyl)-1H-pyrrole) thin films. Electrochimica Acta, 2007, 52, 4784-4791.	2.6	46

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145	2,5-dihalothiophenes in the reaction with chlorosulfonic acid. Russian Journal of General Chemistry, 2007, 77, 926-931.	0.3	2
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