

Antonin Lycka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Nature of Solid-State N ⁺ H ⁻ O/O ⁻ H ⁻ N Tautomeric Competition in Resonant Systems. Intramolecular Proton Transfer in Low-Barrier Hydrogen Bonds Formed by the $\text{O}=\text{C}-\text{N}=\text{N}-\text{H}$, $\text{O}=\text{C}-\text{N}=\text{N}-\text{H}$, Ketohydrazone \rightleftharpoons Azoenol System. A Variable-Temperature X-ray Crystallographic and DFT Computational Study. <i>Journal of the American Chemical Society</i> , 2002, 124, 13554-13567.	13.7	251
2	Dependence of $ 1J(119\text{Sn}13\text{C}) $ on the C --- Sn --- C angle in n-butyltin(IV) compounds. <i>Inorganica Chimica Acta</i> , 1986, 118, L15-L16.	2.4	200
3	15N NMR Spectroscopy in Structural Analysis. <i>Current Organic Chemistry</i> , 2002, 6, 35-66.	1.6	171
4	15N NMR Spectroscopy in Structural Analysis: An Update (2001 - 2005). <i>Current Organic Chemistry</i> , 2007, 11, 1154-1205.	1.6	121
5	Nontargeted Quantitation of Lipid Classes Using Hydrophilic Interaction Liquid Chromatography $\hat{=}$ Electrospray Ionization Mass Spectrometry with Single Internal Standard and Response Factor Approach. <i>Analytical Chemistry</i> , 2012, 84, 10064-10070.	6.5	121
6	Synthesis, characterization, cytotoxic activity and crystal structures of tri- and di-organotin(IV) complexes constructed from the $\text{[}^2\text{-}\{[(\text{E})\text{-}1\text{-}(2\text{-hydroxyaryl})\text{alkylidene}]\text{amino}\}\text{propionate}$ and $\text{[}^2\text{-}\{[(\text{Z})\text{-}(3\text{-hydroxy-1-methyl-2-butenylidene})]\text{amino}\}\text{propionate}$ skeletons. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 952-965.	1.8	81
7	^{13}C NMR spectra of non-labelled and ^{15}N -mono-labelled azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1981, 15, 390-393.	0.7	74
8	^{15}N NMR study of azo-hydrazone tautomerism of ^{15}N -labelled azo dyestuffs. <i>Magnetic Resonance in Chemistry</i> , 1981, 16, 17-19.	0.7	65
9	^{13}C and ^{119}Sn NMR spectra of diphenyl- and dibenzyltin(IV) compounds and their complexes. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 1193-1207.	1.0	60
10	Synthesis and characterization of bis[dicarboxylatotetraorganodistannoxane] units involving 5-[(E)-2-(aryl)-1-diazenyl]-2-hydroxybenzoic acids: An investigation of structures by X-ray diffraction, NMR, electrospray ionisation MS and assessment of in vitro cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4850-4862.	1.8	55
11	^{119}Sn , ^{15}N , ^{13}C , and ^1H NMR Study of the Intramolecular Sn-N Donor-Acceptor Interaction in [2-(Dimethylaminomethyl)phenyl]stannanes. <i>Collection of Czechoslovak Chemical Communications</i> , 1998, 63, 977-989.	1.0	52
12	^{13}C and ^{15}N -NMR studies of the azo-hydrazone tautomerism of some azo dyes. <i>Dyes and Pigments</i> , 1986, 7, 171-185.	3.7	49
13	Chemometric Models For Quantitative Analysis of Tautomeric Schiff Bases and Azo Dyes. <i>Current Organic Chemistry</i> , 2009, 13, 217-240.	1.6	47
14	Organostannate derivatives of dicyclohexylammonium hydrogen 2,6-pyridinedicarboxylate: solution/solid-state ^{13}C , ^{119}Sn NMR and in vitro antitumour activity of bis(dicyclohexylammonium) bis(2,6-pyridinedicarboxylato)dibutylstannate, and the crystal structure of its monohydrate. <i>Applied Organometallic Chemistry</i> , 1997, 11, 39-45.	3.5	45
15	Five-membered [C,N] and [N,O] metallocyclic complexes of palladium(II) with monoalkyl [\pm -(4-benzeneazoanilino)-N-benzyl]phosphonates: synthesis, characterization and antitumour activity. <i>Polyhedron</i> , 2000, 19, 937-948.	2.2	44
16	Synthesis and Structure of Organoantimony(III) Compounds Containing Antimony $\hat{=}$ Selenium and $\hat{=}$ Tellurium Terminal Bonds. <i>Organometallics</i> , 2008, 27, 6059-6062.	2.3	44
17	Carbon-13 and nitrogen-15 NMR spectra of cis- and trans-azobenzene, 4-monosubstituted and 4,4'-disubstituted trans-azobenzenes. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 1112-1120.	1.0	41
18	Intramolecularly Coordinated Tin(II) Selenide and Triselenoxostannonic Acid Anhydride. <i>Chemistry - A European Journal</i> , 2011, 17, 455-459.	3.3	41

#	ARTICLE	IF	CITATIONS
19	Deuterium isotope effects on ^{13}C nuclear shielding of amino and acetamido compounds. Tautomerism and intramolecular hydrogen bonding. <i>Magnetic Resonance in Chemistry</i> , 1992, 30, 786-795.	1.9	40
20	Reactivity of lithium n-butyl amidinates towards group 14 metal(II) chlorides providing series of hetero- and homoleptic tetraenes. <i>Dalton Transactions</i> , 2012, 41, 5010.	3.3	40
21	Coupling constants nitrogen-15-nitrogen-15 and nitrogen-15-hydrogen in phenylhydrazones forming hydrogen bond. <i>Collection of Czechoslovak Chemical Communications</i> , 1981, 46, 892-897.	1.0	40
22	Synthesis and characterization of tributyltin(IV) complexes of 2-[(E)-2-(3-formyl-4-hydroxyphenyl)-1-diazenyl]benzoic acid and 4-[(E)-1-{2-hydroxy-5-[(E)-2-(2-carboxyphenyl)-1-diazenyl]phenyl}methylidene)amino]aryls – crystal structures of polymeric $(\text{Bu}_3\text{Sn}[\text{O}_2\text{CC}_6\text{H}_4\{\text{NN}(\text{C}_6\text{H}_3-4-\text{OH}-5-\text{CHO})\}-\text{o}])_n$ and $(\text{Bu}_3\text{Sn}[\text{O}_2\text{CC}_6\text{H}_4\{\text{NN}(\text{C}_6\text{H}_3-4-\text{OH}(\text{C}(\text{H})\text{NC}_6\text{H}_4\text{Cl}-4))\}-\text{o}])_n$ – toxicity studies on the second instar of <i>Aedes aegypti</i> mosquito larvae. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4702-4711.	1.8	39
23	Intramolecularly Coordinated Organotin Tellurides: Stable or Unstable?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3478-3482.	13.8	39
24	Structure of azo dye organotin(IV) compounds containing a C,N-chelating ligand. <i>Applied Organometallic Chemistry</i> , 2003, 17, 168-174.	3.5	37
25	Dependence of $[\langle \sup>1</sup>] \langle \sup>119</sup>\text{Sn}, \langle \sup>13</sup>\text{C}]$ on the mean C – Sn – C Angle in Phenyltin (IV) Compounds. <i>Zeitschrift für Chemie</i> , 1990, 30, 265-266.	0.0	37
26	Deuterium isotope effects on ^{13}C and ^{15}N nuclear shielding in hydroxyazo dyes. <i>Magnetic Resonance in Chemistry</i> , 1984, 22, 569-572.	0.7	35
27	Structure and properties of lithium n-butyl amidinates. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2346-2354.	1.8	35
28	^{13}C and ^{119}Sn NMR spectra of some triphenyltin 4-substituted benzoates dissolved in coordinating and non-coordinating solvents. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 2903-2911.	1.0	33
29	Synthesis of a cyclic dinuclear organotin carboxylate via simultaneous debenzoylation and decarbonylation reactions: X-ray crystal structure of $[(\text{PhCH}_2)_2\{\text{O}_2\text{CC}_6\text{H}_4\{\text{N}(\text{H})\text{N}(\text{C}_6\text{H}_3-4(\text{O})-5-\text{O})\}-\text{o}\}\text{Sn}]_2$. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1581-1587.	1.8	32
30	Multinuclear NMR of azo dyes and their metal complexes. <i>Annual Reports on NMR Spectroscopy</i> , 2000, 42, 1-57.	1.5	29
31	High-resolution solid-state ^{119}Sn NMR spectroscopy of some organotin(IV) oxinates and thiooxinates. <i>Journal of Organometallic Chemistry</i> , 1990, 389, 29-39.	1.8	28
32	^{15}N , ^{13}C and ^1H NMR study of azo coupling products from diazonium salts and enaminones. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 293-300.	1.9	28
33	Synthesis, NMR spectra and X-ray data of chloro and dichloro derivatives of 3-hydroxy-2-phenylquinolin-4(1 <i>H</i>)-ones and their cytostatic activity. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 375-379.	2.6	28
34	^{13}C and ^{15}N NMR study of azo-hydrazone tautomerism in azo dyes containing amino or acetamido groups. <i>Collection of Czechoslovak Chemical Communications</i> , 1983, 48, 3104-3111.	1.0	26
35	^{15}N - and ^{13}C -N.M.R. Study of Azo-hydrazone Tautomerism of 3-methyl-1-phenylpyrazole-4,5-dione 4-phenylhydrazone in dimethyl sulphoxide and pyridine. <i>Journal für Praktische Chemie</i> , 1989, 331, 11-14.	0.2	26
36	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 884-887.	1.4	26

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37	Simple Synthesis, Characterization and Structure of Diorganotin(IV) Complexes Containing the N-(2-Salicylidene)-N'-benzoylhydrazone Ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 336-344.	0.7	26
38	Simplified synthesis, ¹ H, ¹³ C, ¹⁵ N, ¹¹⁹ Sn NMR spectra and X-ray structures of diorganotin(IV) complexes containing the 4-phenyl-2,4-butanedionebenzoylhydrazone(2 ⁺) ligand. Journal of Organometallic Chemistry, 2004, 689, 88-95.	1.8	26
39	Novel 5-(4-Substituted-phenyldiazenyl)-1,3,2 ⁺ 4-oxazaborines and Their Rearrangement to 1,2,4,3 ⁺ 4-Triazaborines. Organometallics, 2006, 25, 2025-2030.	2.3	26
40	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. Journal of Organometallic Chemistry, 2009, 694, 3000-3007.	1.8	26
41	¹⁵ N NMR spectra of some ionic liquids based on 1,3-disubstituted imidazolium cations. Magnetic Resonance in Chemistry, 2006, 44, 521-523.	1.9	25
42	Structure and tautomerism of azo coupling products from N-alkylenaminones derived from acetylacetone and benzoylacetone in solid phase and in solution. New Journal of Chemistry, 2007, 31, 429-438.	2.8	25
43	Mixed Organotin(IV) Chalcogenides: From Molecules to Sn ^{IV} Se Semiconducting Thin Films Deposited by Spin-Coating. Chemistry - A European Journal, 2013, 19, 1877-1881.	3.3	25
44	Two-dimensional ¹ H-, ¹³ C- and ¹⁵ N-NMR Spectra of Azo Dyes Derived from J-Acid, H-Acid and Gamma Acid. Dyes and Pigments, 1987, 8, 315-325.	3.7	24
45	Multinuclear NMR study of some diorgano(chloro)tin(IV) oxinates and thiooxinates. Journal of Organometallic Chemistry, 1991, 409, 331-339.	1.8	24
46	¹³ C and ¹¹⁹ Sn NMR Spectra of Some Mono-n-butyltin(IV) Compounds. Collection of Czechoslovak Chemical Communications, 1995, 60, 1492-1501.	1.0	24
47	O- and N-alkylated diketopyrrolopyrrole derivatives. Tetrahedron Letters, 2011, 52, 5769-5773.	1.4	24
48	Long-Range Intrinsic and Equilibrium Deuterium Isotope Effects on ¹⁹ F Chemical Shifts.. Acta Chemica Scandinavica, 1997, 51, 881-888.	0.7	24
49	Structural and spectral studies of 3-(2-hydroxyphenylimino)-1-phenylbutan-1-one and its diorganotin(IV) complexes. Journal of Organometallic Chemistry, 2009, 694, 2434-2441.	1.8	23
50	Hydrosilylation Induced by Na ⁺ Si Intramolecular Coordination: Spontaneous Transformation of Organosilanes into 1 ⁺ Si Type Molecules in the Absence of a Catalyst. Chemistry - A European Journal, 2014, 20, 2542-2550.	3.3	23
51	Reactivity of C,N-Chelated Stannylene with Azobenzene. European Journal of Inorganic Chemistry, 2009, 2009, 2058-2061.	2.0	22
52	Synthesis, absorption and fluorescence of hydrazone colorants based on pyrrolinone esters. Dyes and Pigments, 2011, 91, 170-176.	3.7	22
53	¹³ C and ¹⁵ N NMR studies of 2,3,4-pentanetrione 3-phenylhydrazone, dimethyl 2-phenylhydrazonopropanedioate and ethyl 2-phenylhydrazono-3-oxobutanoate. Collection of Czechoslovak Chemical Communications, 1980, 45, 3354-3359.	1.0	22
54	Carbon-carbon coupling constants of 1-phenylazo-2-naphthol and 2-phenylazo-1-naphthol obtained by the SEMINA-1 technique. Magnetic Resonance in Chemistry, 1986, 24, 772-776.	1.9	21

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55	An NMR and X-ray study of the structure of the azo coupling product of 4-dimethylaminopent-3-en-2-one and benzenediazonium-tetrafluoroborate. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3250-3256.	2.8	21
56	Diphenyltin(IV) complexes of the 5-[(E)-2-(aryl)-1-diazenyl]quinolin-8-olates: Synthesis and multinuclear NMR, ¹¹⁹ Sn Mössbauer, electrospray ionization MS, X-ray characterization and assessment of in vitro cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3416-3425.	1.8	21
57	Monomeric organoantimony(III) sulphide and selenide with terminal Sb-E bond (E = S, Se). Synthesis, structure and theoretical consideration. <i>Dalton Transactions</i> , 2012, 41, 5140.	3.3	21
58	The application of molecular modelling techniques in the prediction of the photochromic behaviour of spiroindolinonaphthoxazines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 169, 37-45.	3.9	20
59	Synthesis, characterization and crystal structures of triorganotin(IV) complexes of 4-[(E)-2-(3-formyl-4-hydroxyphenyl)-1-diazenyl]- and 4-[(E)-4-hydroxy-3-[(E)-4-(aryl)iminomethyl]phenyldiazenyl]-benzoic acids and toxicity studies of their tri-n-butyltin(IV) derivatives on the <i>Aedes aegypti</i> and <i>Anopheles stephensi</i> mosquito larvae. <i>Applied Organometallic Chemistry</i> , 2006, 20, 788-797.	3.5	20
60	A ¹ H, ¹³ C and ¹⁵ N NMR spectroscopic and GIAO DFT study of ethyl 5-oxo-2-phenyl-4-(2-phenylhydrazono)-4,5-dihydro-1H-pyrrole-3-carboxylate. <i>Tetrahedron Letters</i> , 2010, 51, 3149-3151.	1.4	20
61	Absorption and fluorescence of arylmethylidenoxindoles and isoindigo. <i>Dyes and Pigments</i> , 2010, 85, 171-176.	3.7	20
62	Intramolecularly Coordinated Stannanechalcogenones: X-ray Structure of [2,6-(Me) ₂ NCH ₂ C ₆ H ₃](Ph)SnTe. <i>Organometallics</i> , 2011, 30, 5904-5910.	2.3	20
63	From Stiba- and Bismaheteroboroxines to N,C,N-Chelated Diorganoantimony(III) and Bismuth(III) Cations—An Unexpected Case of Aryl Group Migration. <i>Inorganic Chemistry</i> , 2015, 54, 6010-6019.	4.0	20
64	IR and ¹³ C, ¹⁷ O, and ¹¹⁹ Sn NMR spectra of some bis(1-butyl)tin(IV) carboxylates of dicarboxylic acids. <i>Collection of Czechoslovak Chemical Communications</i> , 1991, 56, 1908-1915.	1.0	20
65	¹⁵ N CP-MAS NMR study of azo-hydrazone tautomerism of some Azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1988, 26, 507-510.	1.9	19
66	¹⁵ N, ¹³ C and ¹ H NMR spectra of the 2:1 cobalt(III) complexes of some azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 408-413.	1.9	19
67	Structure of azo dye organotin(IV) compounds containing a C,N-chelating ligand, part II, and their in vitro antifungal activity. <i>Applied Organometallic Chemistry</i> , 2005, 19, 500-509.	3.5	19
68	Solution and solid state structure and tautomerism of azo coupled enamionone derivatives of benzoylacetone. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1217-1226.	2.8	19
69	The synthesis, absorption, fluorescence and photoisomerisation of 2-aryl-4-arylmethylidene-pyrroline-5-ones. <i>Dyes and Pigments</i> , 2008, 77, 266-276.	3.7	19
70	NCN-Chelated Organoantimony(III) and Organobismuth(III) Phosphates: Synthesis and Solid-State and Solution Structures. <i>Inorganic Chemistry</i> , 2011, 50, 6411-6413.	4.0	19
71	Characterization of 4,6-Diazido-N-nitro-1,3,5-triazine-2-amine. <i>Propellants, Explosives, Pyrotechnics</i> , 2012, 37, 275-281.	1.6	19
72	Analytical Characterization of Erythritol Tetranitrate, an Improvised Explosive. <i>Journal of Forensic Sciences</i> , 2016, 61, 759-764.	1.6	19

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73	Design, synthesis and antitubercular potency of 4-hydroxyquinolin-2(1H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 491-500.	5.5	19
74	Preparation and infrared and ¹³ C, ¹⁷ O, and ¹¹⁹ Sn NMR spectra of some substituted di- and tri(1-butyl)tin phenoxyacetates and phenylthioacetates. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 1100-1111.	1.0	19
75	¹⁷ O, ¹³ C, and ²⁹ Si NMR spectra of some acyloxy- and diacetoxysilanes and acetoxygermanes. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 2582-2589.	1.0	19
76	²⁷ Al, ¹⁵ N, ¹³ C and ¹ H NMR spectra of the 2:1 aluminium(III) complexes of some azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 279-284.	1.9	18
77	Reactivity of NCN-Chelated (NCN =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (C₆H₃-2,6-(CH₃) _{2</sub>)-Bismuth(III) Oxides toward Oxides of Arsenic. <i>Organometallics</i>, 2012, 31, 1725-1729.}	2.3	18
78	Synthesis and spectral properties of new hydrazone dyes and their Co(III) azo complexes. <i>Dyes and Pigments</i> , 2013, 98, 547-556.	3.7	18
79	Structural and spectral studies of diorganotin(IV) complexes containing bis-tridentate N,N-bis(4-oxo-4-phenylbutan-2-ylidene)oxalohydrazide ligand. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 320-326.	1.8	18
80	¹³ C and ¹⁵ N nuclear magnetic resonance spectra of Meisenheimer complexes of 1,3,5-trinitrobenzene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1982, , 355-360.	0.9	17
81	Reaction of 3-aminoquinoline-2,4-diones with nitrourea. Synthetic route to novel 3-ureidoquinoline-2,4-diones and imidazo[4,5-c]quinoline-2,4-diones. <i>Tetrahedron</i> , 2004, 60, 9953-9961.	1.9	17
82	Reaction of 1-substituted 3-aminoquinoline-2,4-diones with isothiocyanates. An easy pathway to generate novel 2-thioxo-1- λ^2 H-spiro[imidazoline-5,3- λ^2 -indole]-2,2- λ^2 -diones. <i>Tetrahedron</i> , 2009, 65, 4908-4916.	1.9	17
83	Synthesis, structure, absorption and fluorescence of Pechmann dye heteroanalogues. <i>Dyes and Pigments</i> , 2013, 98, 530-539.	3.7	17
84	From C,N- and N,N-chelated chloroboranes to substituted 1H-2,1-benzazaboroles and 1H-pyrrolo[1,2-c][1,3,2]diazaborolidines: a straightforward route to five-membered rings containing the B-N or N-B-N moiety. <i>Dalton Transactions</i> , 2014, 43, 12678-12688.	3.3	17
85	¹³ C, ²⁹ Si, ¹¹⁵ Sn, ¹¹⁷ Sn and ¹¹⁹ Sn NMR spectra of some triphenyl derivatives of elements of IVB group. <i>Collection of Czechoslovak Chemical Communications</i> , 1981, 46, 1383-1388.	1.0	16
86	¹¹⁹ Sn and ¹³ C NMR Spectral Study of Some Vinyltin(IV) Compounds Involving the Sn-S Bond. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 885-897.	1.0	16
87	Assignment of the Ligating Nitrogen in o,o'-Dihydroxyazoarene Complexes of Nickel-, Palladium-, and Platinum(II) by ¹ H and ¹³ C NMR Spectroscopy. <i>Inorganic Chemistry</i> , 1994, 33, 5271-5277.	4.0	16
88	Synthesis, ¹ H, ¹³ C and ¹⁵ N NMR Study of Azo Coupling Products from Enaminones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2764.	2.4	16
89	Structural study of bis(triorganotin(IV)) esters of 4-ketopimelic acid. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2631-2640.	1.8	16
90	Molecular rearrangement of 1-substituted 9b-hydroxy-3,3a,5,9b-tetrahydro-1H-imidazo[4,5-c]quinoline-2,4-diones – an unexpected pathway to new indole and imidazolinone derivatives. <i>Tetrahedron</i> , 2007, 63, 7059-7069.	1.9	16

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91	Molecular Rearrangement of 9-hydroxy-1H-imidazo[4,5-c]quinoline-2,4-diones – A Convenient Pathway to Spiro-linked Imidazolidine–Oxindole Derivatives. <i>Helvetica Chimica Acta</i> , 2009, 92, 689-708.	1.6	16
92	Synthesis and ¹ H and ¹³ C NMR spectra of sulfur derivatives of pyrazine derived from amidation product of 2-chloropyrazine and 6-chloro-2-pyrazinecarbonitrile. Tuberculostatic activity. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 2493-2501.	1.0	15
93	Laser-powered homogeneous pyrolysis of 1,1-dimethyl-1-silacyclobutane in the presence of some common monomers. <i>Journal of Organometallic Chemistry</i> , 1992, 426, 23-34.	1.8	15
94	Effects of substituents in cyclopentadienyltitanium trichlorides on electronic absorption and ⁴⁷ Ti NMR spectra and styrene polymerization activated by methylalumoxane. <i>Journal of Molecular Catalysis A</i> , 2006, 257, 14-25.	4.8	15
95	Scalable Synthesis of 1,1-Diamino-2,2-dinitroethene Without Hazardous Intermediates or by-Products. <i>Journal of Energetic Materials</i> , 2013, 31, 87-99.	2.0	15
96	NMR studies of 1-phenylazo-3-substituted-2-naphthols in solution and in the solid state. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 193-201.	1.0	15
97	Formation of Pyridazinium Salts by Azo Coupling of N-Substituted 3-Amino-1-phenylbut-2-en-1-ones and Diazonium Salts. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5055-5063.	2.4	14
98	Asymmetric Synthesis of (S)-2-Amino-3-(1-naphthyl)propanoic Acid via Chiral Nickel Complex. Crystal Structure, Circular Dichroism, ¹ H and ¹³ C NMR Spectra of the Complex. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1397-1410.	1.0	14
99	Molecular rearrangement of 1-substituted 3-aminoquinoline-2,4-diones in their reaction with urea and nitrourea synthesis and transformations of reaction intermediates. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1251-1260.	2.6	14
100	Organic salts of dinitromethane. <i>Tetrahedron</i> , 2009, 65, 7163-7170.	1.9	14
101	Reactivity of C,N-chelated organoboron compounds with lithium anilides – formation of unexpected 1,2,3-trisubstituted 1H-2,1-benzazaboroles. <i>Dalton Transactions</i> , 2013, 42, 6417.	3.3	14
102	Straightforward synthesis of novel cyclic metallasiloxanes supported by an N,C,N-chelating ligand. <i>Dalton Transactions</i> , 2013, 42, 16403.	3.3	14
103	Benzothiazolyl Ureas are Low Micromolar and Uncompetitive Inhibitors of ¹⁷ β-HSD10 with Implications to Alzheimer's Disease Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2059.	4.1	14
104	Synthesis of 1,2,4-triazino[5,6-b]- and imidazo[4,5-b]quinoline derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 2628-2634.	1.0	14
105	¹¹⁹ Sn, ¹⁵ N, ¹³ C and ¹ H NMR study of some tri- and di-organotin(IV) 8-quinolinethiolates. <i>Journal of Organometallic Chemistry</i> , 1989, 372, 327-338.	1.8	13
106	Laser-induced chemical vapour deposition of polymethanimine. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, .	2.0	13
107	Preparation of 2-phenyl-2-hydroxymethyl-1,2,3,4-tetrahydroquinazoline and 2-methyl-4-dihydroquinazoline derivatives formation. <i>Journal of Heterocyclic Chemistry</i> , 2000, 37, 831-837.	2.6	13
108	Structure and Reactivity of 3,3-Disubstituted 1-(5-Nitro-2,1-benzisothiazol-3-yl)triazenes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4413-4421.	2.4	13

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109	Synthesis, X-ray crystal structures and multinuclear NMR characterization of Hg(II) complexes of 2-[(E)-2-(aryl)-1-diazenyl]pyridine. <i>Polyhedron</i> , 2004, 23, 2323-2329.	2.2	13
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