

# Antonin Lycka

## List of Publications by Year in descending order

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276  
papers

4,563  
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172386

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301  
docs citations

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times ranked

3472  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Nature of Solid-State N <sup>+</sup> H <sup>-</sup> O/O <sup>-</sup> H <sup>-</sup> N Tautomeric Competition in Resonant Systems. Intramolecular Proton Transfer in Low-Barrier Hydrogen Bonds Formed by the $\text{O}=\text{C}-\text{N}=\text{N}-\text{H}$ , $\text{O}=\text{C}-\text{N}(\text{H})-\text{H}$ , and $\text{O}=\text{C}-\text{N}(\text{H})-\text{O}$ 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.	6.6	251
2	Dependence of $ 1J(119\text{Sn}13\text{C}) $ on the C $\text{---}$ Sn $\text{---}$ C angle in n-butyltin(IV) compounds. <i>Inorganica Chimica Acta</i> , 1986, 118, L15-L16.	1.2	200
3	15N NMR Spectroscopy in Structural Analysis. <i>Current Organic Chemistry</i> , 2002, 6, 35-66.	0.9	171
4	15N NMR Spectroscopy in Structural Analysis: An Update (2001 - 2005). <i>Current Organic Chemistry</i> , 2007, 11, 1154-1205.	0.9	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.	3.2	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.	0.8	81
7	$^{13}\text{C}$ NMR spectra of non-labelled and $^{15}\text{N}$ -mono-labelled azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1981, 15, 390-393.	0.7	74
8	$^{15}\text{N}$ NMR study of azo-hydrazone tautomerism of $^{15}\text{N}$ -labelled azo dyestuffs. <i>Magnetic Resonance in Chemistry</i> , 1981, 16, 17-19.	0.7	65
9	$^{13}\text{C}$ and $^{119}\text{Sn}$ 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.	0.8	55
11	$^{119}\text{Sn}$ , $^{15}\text{N}$ , $^{13}\text{C}$ , and $^1\text{H}$ 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	$^{13}\text{C}$ and $^{15}\text{N}$ -NMR studies of the azo-hydrazone tautomerism of some azo dyes. <i>Dyes and Pigments</i> , 1986, 7, 171-185.	2.0	49
13	Chemometric Models For Quantitative Analysis of Tautomeric Schiff Bases and Azo Dyes. <i>Current Organic Chemistry</i> , 2009, 13, 217-240.	0.9	47
14	Organostannate derivatives of dicyclohexylammonium hydrogen 2,6-pyridinedicarboxylate: solution/solid-state $^{13}\text{C}$ , $^{119}\text{Sn}$ 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.	1.7	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.	1.0	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.	1.1	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.	1.7	41

#	ARTICLE	IF	CITATIONS
19	Deuterium isotope effects on $^{13}\text{C}$ nuclear shielding of amino and acetamido compounds. Tautomerism and intramolecular hydrogen bonding. <i>Magnetic Resonance in Chemistry</i> , 1992, 30, 786-795.	1.1	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.	1.6	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.	0.8	39
23	Intramolecularly Coordinated Organotin Tellurides: Stable or Unstable?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3478-3482.	7.2	39
24	Structure of azo dye organotin(IV) compounds containing a C,N-chelating ligand. <i>Applied Organometallic Chemistry</i> , 2003, 17, 168-174.	1.7	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 $^{13}\text{C}$ and $^{15}\text{N}$ 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.	0.8	35
28	$^{13}\text{C}$ and $^{119}\text{Sn}$ 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.	0.8	32
30	Multinuclear NMR of azo dyes and their metal complexes. <i>Annual Reports on NMR Spectroscopy</i> , 2000, 42, 1-57.	0.7	29
31	High-resolution solid-state $^{119}\text{Sn}$ NMR spectroscopy of some organotin(IV) oxinates and thiooxinates. <i>Journal of Organometallic Chemistry</i> , 1990, 389, 29-39.	0.8	28
32	$^{15}\text{N}$ , $^{13}\text{C}$ and $^1\text{H}$ NMR study of azo coupling products from diazonium salts and enaminones. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 293-300.	1.1	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.	1.4	28
34	$^{13}\text{C}$ and $^{15}\text{N}$ 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	$^{15}\text{N}$ - and $^{13}\text{C}$ -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.	0.7	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.	0.3	26
38	Simplified synthesis, <sup>1</sup> H, <sup>13</sup> C, <sup>15</sup> N, <sup>119</sup> Sn NMR spectra and X-ray structures of diorganotin(IV) complexes containing the 4-phenyl-2,4-butanedionebenzoylhydrazone(2 <sup>+</sup> ) ligand. Journal of Organometallic Chemistry, 2004, 689, 88-95.	0.8	26
39	Novel 5-(4-Substituted-phenyldiazenyl)-1,3,2 <sup>+</sup> 4-oxazaborines and Their Rearrangement to 1,2,4,3 <sup>+</sup> 4-Triazaborines. Organometallics, 2006, 25, 2025-2030.	1.1	26
40	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. Journal of Organometallic Chemistry, 2009, 694, 3000-3007.	0.8	26
41	<sup>15</sup> N NMR spectra of some ionic liquids based on 1,3-disubstituted imidazolium cations. Magnetic Resonance in Chemistry, 2006, 44, 521-523.	1.1	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.	1.4	25
43	Mixed Organotin(IV) Chalcogenides: From Molecules to Sn <sup>IV</sup> Se Semiconducting Thin Films Deposited by Spin <sup>Coating</sup> . Chemistry - A European Journal, 2013, 19, 1877-1881.	1.7	25
44	Two-dimensional <sup>1</sup> H-, <sup>13</sup> C- and <sup>15</sup> N-NMR Spectra of Azo Dyes Derived from J-Acid, H-Acid and Gamma Acid. Dyes and Pigments, 1987, 8, 315-325.	2.0	24
45	Multinuclear NMR study of some diorgano(chloro)tin(IV) oxinates and thiooxinates. Journal of Organometallic Chemistry, 1991, 409, 331-339.	0.8	24
46	<sup>13</sup> C and <sup>119</sup> 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.	0.7	24
48	Long-Range Intrinsic and Equilibrium Deuterium Isotope Effects on <sup>19</sup> 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.	0.8	23
50	Hydrosilylation Induced by Na <sup>+</sup> Si Intramolecular Coordination: Spontaneous Transformation of Organosilanes into 1 <sup>+</sup> Si Type Molecules in the Absence of a Catalyst. Chemistry - A European Journal, 2014, 20, 2542-2550.	1.7	23
51	Reactivity of C,N <sup>+</sup> Chelated Stannylene with Azobenzene. European Journal of Inorganic Chemistry, 2009, 2009, 2058-2061.	1.0	22
52	Synthesis, absorption and fluorescence of hydrazone colorants based on pyrrolinone esters. Dyes and Pigments, 2011, 91, 170-176.	2.0	22
53	<sup>13</sup> C and <sup>15</sup> 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.	1.1	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.	1.5	21
56	Diphenyltin(IV) complexes of the 5-[(E)-2-(aryl)-1-diazenyl]quinolin-8-olates: Synthesis and multinuclear NMR, <sup>119</sup> Sn Mössbauer, electrospray ionization MS, X-ray characterization and assessment of in vitro cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3416-3425.	0.8	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.	1.6	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.	2.0	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.	1.7	20
60	A <sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> 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.	0.7	20
61	Absorption and fluorescence of arylmethylidenoxindoles and isoindigo. <i>Dyes and Pigments</i> , 2010, 85, 171-176.	2.0	20
62	Intramolecularly Coordinated Stannanechalcogenones: X-ray Structure of [2,6-(Me) <sub>2</sub> NCH <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ](Ph)SnTe. <i>Organometallics</i> , 2011, 30, 5904-5910.	1.1	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.	1.9	20
64	IR and <sup>13</sup> C, <sup>17</sup> O, and <sup>119</sup> 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	<sup>15</sup> N CP-MAS NMR study of azo-hydrazone tautomerism of some Azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1988, 26, 507-510.	1.1	19
66	<sup>15</sup> N, <sup>13</sup> C and <sup>1</sup> H NMR spectra of the 2:1 cobalt(III) complexes of some azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 408-413.	1.1	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.	1.7	19
68	Solution and solid state structure and tautomerism of azo coupled enamino derivatives of benzoylacetone. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1217-1226.	1.5	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.	2.0	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.	1.9	19
71	Characterization of 4,6-Diazido-N-nitro-1,3,5-triazine-2-amine. <i>Propellants, Explosives, Pyrotechnics</i> , 2012, 37, 275-281.	1.0	19
72	Analytical Characterization of Erythritol Tetranitrate, an Improvised Explosive. <i>Journal of Forensic Sciences</i> , 2016, 61, 759-764.	0.9	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.	2.6	19
74	Preparation and infrared and <sup>13</sup> C, <sup>17</sup> O, and <sup>119</sup> 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	<sup>17</sup> O, <sup>13</sup> C, and <sup>29</sup> 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	<sup>27</sup> Al, <sup>15</sup> N, <sup>13</sup> C and <sup>1</sup> H NMR spectra of the 2:1 aluminium(III) complexes of some azo dyes. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 279-284.	1.1	18
77	Reactivity of NCN-Chelated (NCN =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (C<sub>6</sub>H<sub>3</sub>-2,6-(CH<sub>3</sub>) <sub>2&lt;/sub&gt;)-Bismuth(III) Oxides toward Oxides of Arsenic. <i>Organometallics</i>, 2012, 31, 1725-1729.</sub>	1.1	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.	2.0	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.	0.8	18
80	<sup>13</sup> C and <sup>15</sup> 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.	1.0	17
82	Reaction of 1-substituted 3-aminoquinoline-2,4-diones with isothiocyanates. An easy pathway to generate novel 2-thioxo-1- $\alpha$ -H-spiro[imidazoline-5,3- $\alpha$ -indole]-2,2- $\alpha$ -diones. <i>Tetrahedron</i> , 2009, 65, 4908-4916.	1.0	17
83	Synthesis, structure, absorption and fluorescence of Pechmann dye heteroanalogues. <i>Dyes and Pigments</i> , 2013, 98, 530-539.	2.0	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 moiety. <i>Dalton Transactions</i> , 2014, 43, 12678-12688.	1.6	17
85	<sup>13</sup> C, <sup>29</sup> Si, <sup>115</sup> Sn, <sup>117</sup> Sn and <sup>119</sup> 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	<sup>119</sup> Sn and <sup>13</sup> 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 <sup>1</sup> H and <sup>13</sup> C NMR Spectroscopy. <i>Inorganic Chemistry</i> , 1994, 33, 5271-5277.	1.9	16
88	Synthesis, <sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N NMR Study of Azo Coupling Products from Enaminones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2764.	1.2	16
89	Structural study of bis(triorganotin(IV)) esters of 4-ketopimelic acid. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2631-2640.	0.8	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.	1.0	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.	1.0	16
92	Synthesis and <sup>1</sup> H and <sup>13</sup> 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.	0.8	15
94	Effects of substituents in cyclopentadienyltitanium trichlorides on electronic absorption and <sup>47</sup> 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.	1.0	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.	1.2	14
98	Asymmetric Synthesis of (S)-2-Amino-3-(1-naphthyl)propanoic Acid via Chiral Nickel Complex. Crystal Structure, Circular Dichroism, <sup>1</sup> H and <sup>13</sup> 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.	1.4	14
100	Organic salts of dinitromethane. <i>Tetrahedron</i> , 2009, 65, 7163-7170.	1.0	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.	1.6	14
102	Straightforward synthesis of novel cyclic metallasiloxanes supported by an N,C,N-chelating ligand. <i>Dalton Transactions</i> , 2013, 42, 16403.	1.6	14
103	Benzothiazolyl Ureas are Low Micromolar and Uncompetitive Inhibitors of <sup>17</sup> β-HSD10 with Implications to Alzheimer's Disease Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2059.	1.8	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	<sup>119</sup> Sn, <sup>15</sup> N, <sup>13</sup> C and <sup>1</sup> H NMR study of some tri- and di-organotin(IV) 8-quinolinethiolates. <i>Journal of Organometallic Chemistry</i> , 1989, 372, 327-338.	0.8	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.	1.4	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.	1.2	13

#	ARTICLE	IF	CITATIONS
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.	1.0	13
110	Structure of azo coupling products of 5-nitro-2,1-benzisothiazole-3-diazonium hydrogensulphate with aromatic amines. <i>Dyes and Pigments</i> , 2007, 72, 392-402.	2.0	13
111	Reaction of 3-aminoquinoline-2,4-diones with isothiocyanic acid – an easy pathway to thioxo derivatives of imidazo[1,5-c]quinazolin-5-ones and imidazo[4,5-c]quinolin-4-ones. <i>Tetrahedron</i> , 2010, 66, 8441-8445.	1.0	13
112	Pinacol Rearrangement of 3,4-dihydro-3,4-dihydroxyquinolin-2(1H)-ones: An Alternative Pathway to Viridicatin Alkaloids and Their Analogs. <i>Helvetica Chimica Acta</i> , 2013, 96, 1905-1917.	1.0	13
113	Tautomerism of azo dyes in the solid state studied by <sup>15</sup> N, <sup>14</sup> N, <sup>13</sup> C and <sup>1</sup> H NMR spectroscopy, X-ray diffraction and quantum-chemical calculations. <i>Dyes and Pigments</i> , 2020, 178, 108342.	2.0	13
114	<sup>13</sup> C, <sup>15</sup> N, and <sup>19</sup> F NMR spectra of 2-phenylhydrazonopropanedinitriles and methyl 2-phenylhydrazonocynoacetates. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 2801-2806.	1.0	12
115	<sup>13</sup> C and <sup>15</sup> N NMR spectra of 3-methyl-1-phenylpyrazole-4,5-dione 4-(4'-substituted phenyl)hydrazones. <i>Collection of Czechoslovak Chemical Communications</i> , 1987, 52, 727-735.	1.0	12
116	<sup>13</sup> C- and <sup>15</sup> N-NMR spectra of phenylazoacetoacetamides and similar compounds. <i>Dyes and Pigments</i> , 1987, 8, 55-62.	2.0	12
117	Reactions of Substituted Furan-2-carboxaldehydes and Furo[b]pyrrole Type Aldehydes with Benzothiazolium Salts. <i>Molecules</i> , 2004, 9, 241-255.	1.7	12
118	Synthesis, NMR and X-ray characterisation of 6-substituted 4-amino-5-aryldiazenyl-1-arylpyridazinium salts. <i>Tetrahedron</i> , 2005, 61, 8130-8137.	1.0	12
119	Reaction of 3-aminoquinoline-2,4-diones with isocyanates. Synthesis of novel 3-(3-alkyl/aryleido)quinoline-2,4-diones and their cyclic carbinolamide isomers. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 203-211.	1.4	12
120	Synthesis of 2-thioxoimidazolines via reaction of 1-unsubstituted 3-aminoquinoline-2,4-diones with isothiocyanates. <i>Tetrahedron</i> , 2009, 65, 9103-9115.	1.0	12
121	Synthesis and Antituberculosic Properties of Some Substituted Pyrazinecarbothioamides. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1102-1108.	1.0	12
122	<sup>13</sup> C-NMR spectra of benzenesulphonyl derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1980, 45, 1575-1580.	1.0	11
123	Synthesis of 6-aza-nido-decaborane(12) and its derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 1162-1163.	2.0	11
124	Infrared, <sup>119</sup> Sn, <sup>13</sup> C and <sup>1</sup> H NMR, <sup>119</sup> Sn and <sup>13</sup> C CP/MAS NMR and Mössbauer Spectral Study of Some Tributylstannyl Citrates and Propane-1,2,3-tricarboxylates. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 1028-1048.	1.0	11
125	Synthesis and structure of some azo coupled cyclic $\beta^2$ -enaminones. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 330-339.	1.1	11
126	Towards stereoselective radiosynthesis of $^{11}\text{C}$ -methyl-substituted aromatic amino acids – a challenge of creation of quaternary asymmetric centre in a very short time. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 370-374.	0.5	11



#	ARTICLE	IF	CITATIONS
127	Syntheses, X-ray, MS, NMR and CD structure determination of nickel(II) complexes of Schiff bases of (S)-N-(2-benzoylphenyl)-1-benzylpyrrolidine-2-carboxamide and aromatic $\alpha$ -amino acids. <i>Polyhedron</i> , 2008, 27, 3477-3483.	1.0	11
128	Reduction of C,N-chelated chloroborane: straightforward formation of the unprecedented 1H-2,1-benzazaborolyl potassium salt. <i>Dalton Transactions</i> , 2014, 43, 9012-9015.	1.6	11
129	4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes tautomerism NMR re-explained. <i>Dyes and Pigments</i> , 2017, 142, 51-54.	2.0	11
130	Spectral Characteristic and Preliminary Anticancer Activity <i>in vitro</i> of Selected Rhodanine- $\beta$ -carboxylic Acids Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2889-2897.	1.4	11
131	Organosilicon and -germanium Hydrides in Catalyst-Free Hydrometallation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4887-4898.	1.0	11
132	Synthesis, characterization and structural systematics in diorganotin complexes with O,N,O'-tris-chelating semirigid diaza-scaffolds: Mono- vs. di-nuclear compounds. <i>Journal of Organometallic Chemistry</i> , 2020, 927, 121522.	0.8	11
133	<sup>31</sup> P and <sup>119</sup> Sn NMR Spectra of Complexes of Diphenyltin(IV)dichloride with Tri(n-octyl)phosphine Oxide. <i>Inorganica Chimica Acta</i> , 1986, 122, 15-17.	1.2	10
134	Two-dimensional <sup>1</sup> H and <sup>13</sup> C-NMR spectra of 5-(2-dimethylaminoethoxy)-7-oxo-7H-benzo[c]fluorene, its precursor and metabolite. <i>Magnetic Resonance in Chemistry</i> , 1987, 25, 1054-1057.	1.1	10
135	Study of the azo-hydrazone tautomeric equilibrium by electronic spectroscopy and quantum chemistry. I. Electronic spectra. <i>Collection of Czechoslovak Chemical Communications</i> , 1988, 53, 213-226.	1.0	10
136	<sup>19</sup> F-NMR study of azo-hydrazone tautomerism of some fluorine-containing azo dyes. <i>Dyes and Pigments</i> , 1990, 12, 179-185.	2.0	10
137	Chemometrical Analysis of Substituent Effects. XIII. Comparison of Substituent Effects on Dissociation and Chemical Shift in <sup>13</sup> C NMR Spectra of Mono- and Disubstituted Benzoic Acids. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 106-116.	1.0	10
138	A <sup>15</sup> N NMR study of tautomerism in dimethyl dihydro-1,2,4,5-tetrazine-3,6-dicarboxylate. <i>Tetrahedron Letters</i> , 2008, 49, 4213-4215.	0.7	10
139	Reaction of 3-phenyl-3-aminoquinoline-2,4-diones with isothiocyanates. Facile access to novel spiro-linked 2-thioxoimidazolidine-oxindoles and imidazoline-2-thiones. <i>Tetrahedron</i> , 2010, 66, 2015-2025.	1.0	10
140	Structure and spectroscopy of diorganotin(IV) complexes derived from N <sup>2</sup> -(2-hydroxy-3-methoxybenzylidene)benzohydrazide. <i>Polyhedron</i> , 2011, 30, 2544-2549.	1.0	10
141	Germynes and stannynes stabilized within N <sub>2</sub> PE rings (E = Ge or Sn): combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016, 45, 10343-10354.	1.6	10
142	Synthesis of Hydroxy- $\beta$ -substituted $\alpha$ -terphenyls and some Larger Oligophenylenes <i>via</i> Palladium on Charcoal Catalyzed Suzuki-Miyaura Reaction. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 339-350.	2.1	10
143	Imidazo[1,2-a]pyrimidin-5(6H)-one as a novel core of cyclin-dependent kinase 2 inhibitors: Synthesis, activity measurement, docking, and quantum mechanical scoring. <i>Journal of Molecular Recognition</i> , 2018, 31, e2720.	1.1	10
144	The Aromatic 2-Iminomethylphenyltellurenyl Cation. A Lewis Superacid Despite the Intramolecularly Coordinating N-Donor Ligand. <i>Organometallics</i> , 2020, 39, 1202-1212.	1.1	10

#	ARTICLE	IF	CITATIONS
145	Diorganotin Compounds Containing $\hat{I}^{\pm}$ -Aminoacidato Schiff Base Ligands Derived from Functionalized 2-Hydroxy-5-(aryldiazenyl)benzaldehyde. Syntheses, Structures and Sensing of Hydrogen Sulfide. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1803-1813.	1.0	10
146	$^{17}O$ and $^{13}C$ NMR spectra of some geminal diacetates. <i>Collection of Czechoslovak Chemical Communications</i> , 1988, 53, 588-592.	1.0	10
147	Magnitudes and relative signs of $J(^{119}Sn,^{13}C)$ and $J(^{119}Sn,H)$ coupling constants in some organotin(IV) compounds using 2D NMR methods. <i>Magnetic Resonance in Chemistry</i> , 1991, 29, 1212-1215.	1.1	9
148	Magnitudes and relative sign of $J(^{119}Sn,^{13}C)$ and $J(^{119}Sn,H)$ coupling constants in some vinyltin(IV) compounds obtained by 2D NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 189-191.	1.1	9
149	An anomalous course of the reduction of 2-(3-oxo-3,4-dihydroquinoxalin-2-yl)benzene diazonium salt: A reinvestigation. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 46-50.	1.1	9
150	New Approaches to the Synthesis of 4-(2-Aminophenyl)-1,3-dihydro-2 <i>H</i> -imidazol-2-ones and 3-Ureidoindoles and a Study of Their Interconversion. <i>Helvetica Chimica Acta</i> , 2008, 91, 354-370.	1.0	9
151	The synthesis of bi- and trichromophoric dyes bearing an s-triazinyl ring spacer. <i>Dyes and Pigments</i> , 2009, 82, 416-421.	2.0	9
152	Crystallography and Structure-Property Relationships in 2,2,4,4,6,6-hexanitro-2,4,6-trinitrophenyl (DODECA). <i>Propellants, Explosives, Pyrotechnics</i> , 2010, 35, 339-346.	1.0	9
153	Crystallography and Structure-Property Relationships of 2,2,4,4,6,6-hexanitro-1,1,1,3,3,3-hexafluoro-2,4,6-trinitrophenyl (ONT). <i>Propellants, Explosives, Pyrotechnics</i> , 2010, 35, 130-135.	1.0	9
154	Study of TATP: Formation of New Chloroderivates of Triacetone Triperoxide. <i>Propellants, Explosives, Pyrotechnics</i> , 2011, 36, 219-224.	1.0	9
155	Reaction of 1-substituted 3-aminoquinolinediones with isocyanic and isothiocyanic acid. <i>Tetrahedron</i> , 2011, 67, 2407-2413.	1.0	9
156	Reduction of 3-Aminoquinoline-2,4(1 <i>H</i> ),3 <i>H</i> -diones and Deamination of the Reaction Products. <i>Helvetica Chimica Acta</i> , 2014, 97, 595-612.	1.0	9
157	Molecular aggregations of bicyclodioxazastannone produced from multicomponent reactions involving functionalized 2-hydroxybenzaldehydes, $\hat{I}^{\pm}$ - or $\hat{I}^2$ -amino acids and a dimethyltin precursor. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120859.	0.8	9
158	Cyclization Reactions of 2-(6-Azauracil-5-yl)benzoic Acid and Some Its Derivatives. <i>Collection of Czechoslovak Chemical Communications</i> , 1992, 57, 123-133.	1.0	9
159	Synthesis and Antituberculous Activity of 5-Alkyl-6-chloro-2-pyrazinocarboxamides and Corresponding Thioamides. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 1109-1114.	1.0	9
160	Two-dimensional $^1H$ - and $^{13}C$ -NMR and $^{15}N$ -NMR spectra of three azo dyes derived from J-acid and 4-nitroaniline. <i>Dyes and Pigments</i> , 1987, 8, 465-474.	2.0	8
161	$^{15}N$ , $^{13}C$ , and $^1H$ NMR spectra of 1-substituted-2,4,6-trinitrobenzenes. <i>Collection of Czechoslovak Chemical Communications</i> , 1987, 52, 2946-2952.	1.0	8
162	$^{13}C$ and $^{15}N$ NMR spectra of oximes prepared by nitrosation of activated methylene group. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 136-146.	1.0	8

#	ARTICLE	IF	CITATIONS
163	Tin-nitrogen connection in triphenyltin chloride 2-(aryloxy)pyridine complexes. <i>Polyhedron</i> , 1992, 11, 2423-2425.	1.0	8
164	The formation of dihydrohydroxyspiro[1,2]oxazines from the reaction of Fischer's base with some isonitroso compounds. A multinuclear NMR study. <i>Dyes and Pigments</i> , 1996, 31, 155-170.	2.0	8
165	Multinuclear NMR Studies of Palladium(II) Dihalide Complexes of Dibutyl $\{[\pm\text{-}4\text{-}(\text{Phenyldiazenyl})\text{anilino}]\text{benzyl}\}$ phosphonate. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 1888-1904.	1.0	8
166	An unprecedented rearrangement of salicylanilide derivatives: imidazolinone intermediate formation. <i>Tetrahedron Letters</i> , 2010, 51, 23-26.	0.7	8
167	N $\pi$ -As intramolecularly coordinated organoarsenic(III) chalcogenides: Isolation of terminal As $\pi$ -S and As $\pi$ -Se bonds. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 10-14.	0.8	8
168	Structure and absorption of Co(III) azo complex dyes based on pyrrolinone esters: DFT and TD DFT study. <i>Chemical Physics Letters</i> , 2014, 608, 213-218.	1.2	8
169	Carbon-13 and nitrogen-14 NMR spectra of 1-(substituted phenyl)pyridinium salts. <i>Collection of Czechoslovak Chemical Communications</i> , 1980, 45, 2766-2771.	1.0	8
170	The $^{119}\text{Sn}$ and $^{15}\text{N}$ NMR spectral study of the chelate formation in the triphenyltin(IV) oxinate. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 2116-2126.	1.0	8
171	$^{13}\text{C}$ and $^{119}\text{Sn}$ NMR evidence of the presence and extent of $\text{f}\text{-}\pi$ conjugation in some benzyltin compounds and their complexes. <i>Collection of Czechoslovak Chemical Communications</i> , 1988, 53, 571-580.	1.0	8
172	$^{13}\text{C}$ and $^{15}\text{N}$ NMR spectra of 1-(3- or 4-substituted phenyl)-3-methyl-3-phenyltriazenes. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 963-969.	1.0	7
173	$^{15}\text{N}$ , $^{13}\text{C}$ , and $^1\text{H}$ NMR spectra of acylated ureas and thioureas. <i>Collection of Czechoslovak Chemical Communications</i> , 1987, 52, 2474-2481.	1.0	7
174	Reaction of 2-naphthol with substituted benzenediazonium salts in [bmim][BF $_4$ ]. <i>Dyes and Pigments</i> , 2007, 73, 326-331.	2.0	7
175	Two new Ni(II) Schiff base complexes: X-ray absolute structure determination, synthesis of a $^{15}\text{N}$ -labelled complex and full assignment of its $^1\text{H}$ NMR and $^{13}\text{C}$ NMR spectra. <i>Polyhedron</i> , 2007, 26, 911-917.	1.0	7
176	The synthesis of N-derivatives of 3-aminoperylene and their absorption and fluorescence properties. <i>Dyes and Pigments</i> , 2009, 82, 164-170.	2.0	7
177	Organoantimony(III) and organobismuth(III) sulfides and selenide stabilized by NCO chelating pincer type ligand. <i>Journal of Organometallic Chemistry</i> , 2012, 718, 78-81.	0.8	7
178	The Preparation of Various New Heterocyclic Compounds via Cyclization of Substituted Derivatives of Phenacyl Esters of Hydrazonoacetic Acid. <i>Synthesis</i> , 2013, 45, 2447-2457.	1.2	7
179	Diphenylamine end-capped diketopyrrolopyrroles with phenylene $\pi$ -vinylene conjugation extension. <i>Tetrahedron Letters</i> , 2014, 55, 2829-2834.	0.7	7
180	Homolytic, Heterolytic, Mesolytic $\sigma$ -As You Like It: Steering the Cleavage of a $\text{HC}(\text{sp}^3)\text{C}(\text{sp}^3)\text{H}$ Bond in Bis(1 <i>H</i> -2,1 <i>b</i> -benzazaborole) Derivatives. <i>Chemistry17 - A European Journal</i> , 2016, 22, 15340-15349.		7

#	ARTICLE	IF	CITATIONS
181	Hydrosilylation of RN=CH Imino-Substituted Pyridines without a Catalyst. Chemistry - A European Journal, 2017, 23, 3074-3083.	1.7	7
182	15 N NMR study of ( E )- and ( Z )-2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-diones. A suitable method for analysis of hydrazone isomers. Dyes and Pigments, 2018, 150, 181-184.	2.0	7
183	Synthesis and structural characterization of diorganotin(IV) complexes with heteroditopic pyridyl-ONO <sup>2-</sup> -ligands. Inorganica Chimica Acta, 2020, 512, 119892.	1.2	7
184	Formation of N-methyl-2-nitroso-4,6-dinitroaniline from methyl ester of N-methyl-N-(2,4,6-trinitrophenyl)glycine. Collection of Czechoslovak Chemical Communications, 1988, 53, 1033-1043.	1.0	7
185	Synthesis and Antituberculotic Activity of Some Substituted 3-Arylamino-5-cyano-2-pyrazinecarboxamides. Collection of Czechoslovak Chemical Communications, 1995, 60, 1236-1241.	1.0	7
186	Studies in quinoxaline series. Part 18. Structure of products of a new reaction of tetrazolo[1,5-a]quinoxaline 5-oxide with carbanions. X-Ray molecular structure of 4-acetyl-4-methyl-3b,4-dihydroazirino[1,2-a]tetrazolo-[5,1-c]quinoxaline. Journal of the Chemical Society Perkin Transactions 1, 1990, , 3049-3052.	0.9	6
187	The Study of Cyclization of N-Acylphenacyl Anthranilates with Ammonium Salts under Various Conditions. Heterocycles, 2007, 71, 269.	0.4	6
188	Novel Domino Reactions of (Z,Z)-2,2-Thiobis(1,3-diarylprop-2-en-1-ones) with Acetylacetone and Ethyl Acetoacetate: Stereoselective Synthesis of Highly Functionalized Dihydrofurans. Synthetic Communications, 2009, 39, 2776-2788.	1.1	6
189	Structural study of di- and triorganotin(IV) dicarboxylates containing one double bond. Journal of Organometallic Chemistry, 2010, 695, 2493-2498.	0.8	6
190	Reaction of 4-hydroxy-2-quinolones with thionyl chloride—preparation of new spiro-benzo[1,3]oxathioles and their transformations. Tetrahedron, 2013, 69, 492-499.	1.0	6
191	New Imidazo[1,2-c]pyrimidin-5(6H)-ones Derived from Cytosine: Synthesis, Structure, and Cytotoxic Activity. Journal of Heterocyclic Chemistry, 2015, 52, 1382-1389.	1.4	6
192	Synthesis, structure and rearrangement of iodinated imidazo[1,2-c]pyrimidine-5(6H)-ones derived from cytosine. Tetrahedron, 2015, 71, 27-36.	1.0	6
193	Imidazo[1,2-c]pyrimidin-5(6H)-one inhibitors of CDK2: Synthesis, kinase inhibition and co-crystal structure. European Journal of Medicinal Chemistry, 2021, 216, 113309.	2.6	6
194	Benzoannelated quinone methides. Collection of Czechoslovak Chemical Communications, 1982, 47, 1645-1653.	1.0	6
195	A study of reaction of aromatic polynitro compounds with tributylstannyl hydride. Collection of Czechoslovak Chemical Communications, 1985, 50, 2598-2606.	1.0	6
196	<sup>119</sup> Sn, <sup>13</sup> C and <sup>1</sup> H NMR studies of aryloxy- and arylthio(1-butyl)stannanes. Collection of Czechoslovak Chemical Communications, 1989, 54, 2386-2398.	1.0	6
197	Synthesis and Infrared and <sup>1</sup> H, <sup>13</sup> C, <sup>119</sup> Sn NMR Spectra of Some Tris- and Bis(1-butyl)tin(IV) Naphthoates and Hydroxynaphthoates. Collection of Czechoslovak Chemical Communications, 1997, 62, 279-298.	1.0	6
198	<sup>15</sup> N, <sup>13</sup> C, and <sup>1</sup> H NMR Spectra of Azo and Hydrazo Compounds Derived from 1,3,3-Trimethyl-2-methylidene-2,3-dihydroindole (Fischer Base). Collection of Czechoslovak Chemical Communications, 1998, 63, 1012-1020.	1.0	6

#	ARTICLE	IF	CITATIONS
199	Non-Catalyzed Click Reactions of ADIBO Derivatives with 5-Methyluridine Azides and Conformational Study of the Resulting Triazoles. <i>PLoS ONE</i> , 2015, 10, e0144613.	1.1	6
200	Cyclization reactions of some o-acylphenylhydrazones. <i>Collection of Czechoslovak Chemical Communications</i> , 1982, 47, 1746-1756.	1.0	5
201	<sup>17</sup> O NMR spectra of some Meisenheimer adducts. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 1001-1004.	1.1	5
202	<sup>17</sup> O NMR spectra of some butyltin(IV) acetates. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 289-292.	1.1	5
203	<sup>1</sup> H, <sup>13</sup> C and <sup>31</sup> P NMR spectral analysis of monoalkyl (2-anilinobenzyl)phosphonates and their dipalladium(II) metallocyclic complexes. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 175-181.	1.1	5
204	Reaction of 3-Hydroxyquinoline-2,4-diones with Isocyanates and Thermally Induced Transformation of the Reaction Products. <i>Helvetica Chimica Acta</i> , 2011, 94, 78-91.	1.0	5
205	Modified Riemschneider Reaction of Thiocyanatoquinolinediones. <i>Helvetica Chimica Acta</i> , 2012, 95, 1352-1372.	1.0	5
206	Synthesis, characterization and styrene polymerization behavior of alkoxysilyl-substituted monocyclopentadienyltitanium(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 725, 5-10.	0.8	5
207	Reactivity of bis(organoamino)phosphanes with magnesium compounds. <i>Dalton Transactions</i> , 2015, 44, 4533-4545.	1.6	5
208	Reaction of 3-Hydroxyquinoline-2,4-diones with Inorganic Thiocyanates in the Presence of Ammonium or Alkylammonium Ions: the Unexpected Replacement of a Hydroxy Group by an Amino Group. <i>Helvetica Chimica Acta</i> , 2015, 98, 318-335.	1.0	5
209	Reduction of Nitrosaminoquinolinediones with LiAlH <sub>4</sub> – an Easy Path to New Tricyclic Benzoxadiazocines. <i>Helvetica Chimica Acta</i> , 2016, 99, 50-62.	1.0	5
210	Study of structure of bis(triphenylstannyl) chromate(VI) by infrared, Mössbauer, and <sup>1</sup> H, <sup>13</sup> C and <sup>119</sup> Sn NMR spectra. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 1497-1504.	1.0	5
211	Structure of Reaction Products of Some Substituted Quinoxaline N-Oxides with Carbanions. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 2493-2500.	1.0	5
212	<sup>13</sup> C NMR spectra of sodium naphthalenesulphonates. <i>Collection of Czechoslovak Chemical Communications</i> , 1985, 50, 1852-1861.	1.0	4
213	Identification by NMR and MS of the by-products formed during the synthesis of the red vat dye 1,1'-diethyl-(3,3'-bianthra[1,9-c,d]pyrazole)-6,6'(1H,1'H)-dione. <i>Dyes and Pigments</i> , 1989, 10, 1-11.	2.0	4
214	<sup>33</sup> S NMR spectra of some sulfonated naphthalenes, naphthols, and their anions. <i>Collection of Czechoslovak Chemical Communications</i> , 1990, 55, 446-451.	1.0	4
215	<i>Pharmazie</i> , 1991, 324, 133-134.	2.1	4
216	Synthesis and Reactions of 8-Hydrazinofuro[2',3':4,5]pyrrolo-[1,2-d][1,2,4]triazines. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 1612-1622.	1.0	4

#	ARTICLE	IF	CITATIONS
217	Synthesis of some [1,2,4]triazino[5,6- <i>b</i> ]quinoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2002, 39, 1305-1308.	1.4	4
218	<sup>17</sup> O NMR spectra of some organotin(IV) compounds containing O,C,O-chelating ligands. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 171-173.	1.1	4
219	Synthesis and Characterization of Dialkyl Esters of 1,2,4,5-Tetrazine-3,6-dicarboxylic Acid. <i>Collection of Czechoslovak Chemical Communications</i> , 2008, 73, 107-115.	1.0	4
220	Synthesis of Macrocycles Containing 1,2,3-Triazole Motifs. <i>Synthesis</i> , 2012, 44, 1398-1404.	1.2	4
221	Preparation, characterization and investigation of photo-physical properties of thiophene-substituted rare-earth bisphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 31-36.	0.4	4
222	Triorganostannyl(IV) benzoates with pendulous framework appended with ferrocene scaffold. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 33-41.	0.8	4
223			



#	ARTICLE	IF	CITATIONS
235	Synthese von einigen Alkyldiphenylchlorosilanen und Alkyldiphenylsilanolen. Zeitschrift für Chemie, 1980, 20, 343-343.	0.0	3
236	Structure, Z/E photoisomerization and an effect of (phenylene-)vinylene conjugation extension on absorption and fluorescence of methyldene-pyrrolinones. Journal of Molecular Structure, 2012, 1022, 159-166.	1.8	3
237	Propargyl Anthranilate Derivatives and Their Application in the Synthesis of Rings Containing 1,2,3-Triazolo Motifs. Journal of Heterocyclic Chemistry, 2013, 50, 528-533.	1.4	3
238	Organohydridosilanes containing Y,C,Y-chelating ligands: Reactivity and vapour pressure studies. Journal of Organometallic Chemistry, 2014, 772-773, 1-6.	0.8	3
239	Stereochemistry of the reduction of $\alpha$ -chloroketones with sodium borohydride—application to 3-chloroquinoline-2,4-diones. Tetrahedron, 2016, 72, 4490-4497.	1.0	3
240	Reaction of 3-chloroquinoline-2,4-diones with ethanolamine and rearrangement of the reaction products. Tetrahedron, 2017, 73, 1583-1593.	1.0	3
241	Preparation and characterization of novel double-decker rare-earth phthalocyanines substituted with 5-bromo-2-thienyl groups. Chemistry Central Journal, 2017, 11, 31.	2.6	3
242	Reaction of 1-substituted 3-(2-hydroxyethylamino)quinoline-2,4(1H,3H)-diones with isothiocyanic acid. Chemistry of Heterocyclic Compounds, 2020, 56, 566-571.	0.6	3
243	Reactions of methyl esters of N-(2,4-dinitrophenyl)glycine and N-methyl-N-(2,4-dinitrophenyl)glycine with sodium methoxide. Collection of Czechoslovak Chemical Communications, 1988, 53, 1044-1052.	1.0	3
244	Effect of lanthanide shift reagents on <sup>1</sup> H NMR spectra of aminopyridines. Collection of Czechoslovak Chemical Communications, 1979, 44, 908-911.	1.0	2
245	Formation of acetals and cleavage of the five-membered ring in the bromination of isatin in alcohols. Collection of Czechoslovak Chemical Communications, 1990, 55, 2963-2966.	1.0	2
246	HYDROSTANNYLATION OF SULPHUR AND NITROGENSUBSTITUTED PHENYLACETYLENES: NMR CHARACTERISATION OF THE REACTION PRODUCTS. Main Group Metal Chemistry, 1999, 22, .	0.6	2
247	New chiral synthons of <sup>13</sup> C- or <sup>15</sup> N-labelled $\alpha$ -amino acids. Journal of Labelled Compounds and Radiopharmaceuticals, 2007, 50, 554-555.	0.5	2
248	Phenacyl esters of acetic acid derivatives and their application for the synthesis of 2-oxo-4-phenyl-5-(phenylhydrazono)-2,5-dihydro-furan-3-yl derivatives. Journal of Heterocyclic Chemistry, 2008, 45, 1437-1443.		2
249	Structure, absorption and fluorescence of (bi)thiophene substituted methyldene-pyrrolinones. Journal of Molecular Structure, 2013, 1043, 43-51.	1.8	2
250	Reaction of Some 2-Quinolone Derivatives with Phosphoryl Chloride: Synthesis of Novel Phosphoric Acid Esters of 4-Hydroxy-2-Quinolone. Journal of Heterocyclic Chemistry, 2013, 50, E100.	1.4	2
251	<sup>15</sup> N, <sup>13</sup> C and <sup>1</sup> H NMR study of tautomerism and E/Z isomerism in 3-[(Z)-(2-phenylhydrazinylidene)methyl]quinoxalin-2(1H)-one and 3-[(E)-(2-phenylhydrazinylidene)methyl]quinoxalin-2(1H)-one. Dyes and Pigments, 2019, 165, 341-345.	2.0	2
252	<sup>29</sup> Si and <sup>13</sup> C NMR spectra of some alkyldiphenylchlorosilanes, alkyldiphenylsilanols and bis(alkyldiphenylsilyl)chromates. Collection of Czechoslovak Chemical Communications, 1982, 47, 603-612.	1.0	2

#	ARTICLE	IF	CITATIONS
253	13C and 15N NMR spectra of 6-substituted bicyclo[3,3,1]7-nonane nitronates. Collection of Czechoslovak Chemical Communications, 1984, 49, 244-252.	1.0	2
254	Formation of the Meisenheimer spiro adduct of N-(2,4,6-trinitrophenyl)alanine methylamide and its rearrangement to 2-amino-N-methyl-N-(2,4,6-trinitrophenyl)propanamide. Collection of Czechoslovak Chemical Communications, 1986, 51, 1972-1985.	1.0	2
255	A 15N, 13C, and 1H NMR study of reaction products from arylguanidines and chloroformate esters. Collection of Czechoslovak Chemical Communications, 1991, 56, 1505-1511.	1.0	2
256	1H, 13C and 15N NMR Spectra of Coupling Products of Benzenediazonium Salts with Aliphatic Nitro Compounds and Study of Their E/Z Isomerism. Collection of Czechoslovak Chemical Communications, 1996, 61, 589-596.	1.0	2
257	119Sn, 13C and 1H NMR Spectra of Tris(1-butyl)stannyl D-Glucuronate. Collection of Czechoslovak Chemical Communications, 1997, 62, 1169-1176.	1.0	2
258	4,6-Diazido-N-(2,4,6-trinitrophenyl)-1,3,5-triazin-2-amine (TNADAzT) and Its Silver Salt - Synthesis and Characterization. Central European Journal of Energetic Materials, 2017, 14, 304-320.	0.5	2
259	13C NMR study of 7,7-disubstituted quinone methides. Collection of Czechoslovak Chemical Communications, 1981, 46, 2083-2090.	1.0	1
260	13C NMR study of substituted quinone methides. 2- and 2,6-substituted fuchsones. Collection of Czechoslovak Chemical Communications, 1981, 46, 1775-1787.	1.0	1
261	Stereochemistry of diorganotin(IV) bis(8-quinolinolate) and bis(8-quinolinethiolate) complexes in solution studied by NOE-difference spectroscopy. Journal of Organometallic Chemistry, 1991, 418, 311-320.	0.8	1
262	Preparation and 1H, 13C and 15N NMR spectra of 1,3-bis(phenylazo)-2-naphthol and its precursors. Dyes and Pigments, 1996, 32, 7-14.	2.0	1
263	Structure of 2:1 cobalt(III) complexes derived from arylazocitrazinic acid. Collection of Czechoslovak Chemical Communications, 2009, 74, 535-544.	1.0	1
264	Preparation and characterization of aluminum phthalocyanine acetate, propionate, and benzoate. Tetrahedron Letters, 2012, 53, 4056-4058.	0.7	1
265	Completely dissimilar: The reactivity of 1-unsubstituted 3-chloroquinoline-2,4-diones with ethylene diamine and ethanolamine to form new molecular rearrangements. Arkivoc, 2020, 2020, 209-219.	0.3	1
266	Organotin(IV) derivatives containing heteroditopic pyridyl-quinolin-8-olate ligands: Synthesis and structures. Journal of Organometallic Chemistry, 2021, 946-947, 121898.	0.8	1
267	An intermediate of reaction of 2-naphthol with activated sludge. Collection of Czechoslovak Chemical Communications, 1988, 53, 1574-1578.	1.0	1
268	Chemometrical analysis of substituent effects on 13C and 15N NMR chemical shifts in 1-aryl-3-substituted thioureas. Collection of Czechoslovak Chemical Communications, 1989, 54, 2399-2407.	1.0	1
269	O,N,S-tris-chelating ligand scaffolds flanked with cyclohexyl or adamantyl substituents anchored with diorganotin(IV) moieties: synthesis, structures and cytotoxicity. Inorganica Chimica Acta, 2022, 537, 120935.	1.2	1
270	Cyclization Reactions of Hydrazones. Part 28. Synthesis of Some [1,2,4]Triazino[5,6-b]quinoline Derivatives.. ChemInform, 2003, 34, no.	0.1	0

#	ARTICLE	IF	CITATIONS
271	Synthesis, NMR Spectra and X-Ray Data of Chloro and Dichloro Derivatives of 3-Hydroxy-2-phenylquinolin-4(1H)-ones and Their Cytostatic Activity.. ChemInform, 2004, 35, no.	0.1	0
272	New Mono- and Diesters with Imidazoquinolinone Ring- Synthesis, Structure Characterization, and Molecular Modeling. Molecules, 2020, 25, 4303.	1.7	0
273	A stereoselective approach in preparation of $\beta$ -lactam precursors for oxazolomycin <sup>TM</sup> s synthesis. Tetrahedron, 2020, 76, 131111.	1.0	0
274	Reaction of Tertiary $\alpha$ -Chloroketones with Cyanide Ions: Application to $\beta$ -Chloroquinolinediones. ChemistryOpen, 2021, 10, 645-652.	0.9	0
275	Molecular Rearrangement of 3-Amino-1H,3H-quinoline-2,4-diones via the Reaction with Urea. , 2003, , 210.		0
276	Molecular Rearrangement of Pyrazino[2,3-c]quinolin-5(6H)-ones during Their Reaction with Isocyanic Acid. International Journal of Molecular Sciences, 2022, 23, 5481.	1.8	0