

# Antonin Lycka

## List of Publications by Year in descending order

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276  
papers

4,563  
citations

172457

29  
h-index

189892

50  
g-index

301  
all docs

301  
docs citations

301  
times ranked

3472  
citing authors

#	ARTICLE	IF	CITATIONS
1	O,N,S-tris-chelating ligand scaffolds flanked with cyclohexyl or adamantyl substituents anchored with diorganotin(IV) moieties: synthesis, structures and cytotoxicity. <i>Inorganica Chimica Acta</i> , 2022, 537, 120935.	2.4	1
2	Molecular Rearrangement of Pyrazino[2,3-c]quinolin-5(6H)-ones during Their Reaction with Isocyanic Acid. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5481.	4.1	0
3	Synthesis, Crystal Structures, Lipophilic Properties and Antimicrobial Activity of 5-Pyridylmethylidene-3-rhodanine-carboxyalkyl Acids Derivatives. <i>Molecules</i> , 2022, 27, 3975.	3.8	4
4	Imidazo[1,2-c]pyrimidin-5(6H)-one inhibitors of CDK2: Synthesis, kinase inhibition and co-crystal structure. <i>European Journal of Medicinal Chemistry</i> , 2021, 216, 113309.	5.5	6

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#	ARTICLE	IF	CITATIONS
19	Molecular aggregations of bicyclodioxazastannone produced from multicomponent reactions involving functionalized 2-hydroxybenzaldehydes, 1 <sup>±</sup> - or 1 <sup>2</sup> -amino acids and a dimethyltin precursor. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120859.	1.8	9
20	15N, 13C and 1H 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. <i>Dyes and Pigments</i> , 2019, 165, 341-345.	3.7	2
21	Triorganostannyl(IV) benzoates with pendulous framework appended with ferrocene scaffold. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 33-41.	1.8	4
22	Imidazo[1,2-a<i>c</i>]pyrimidin-5(6<i>H</i>)-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.	2.1	10
23	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. <i>Dyes and Pigments</i> , 2018, 150, 181-184.	3.7	7
24	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.	0.8	4
25	4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes tautomerism NMR re-explained. <i>Dyes and Pigments</i> , 2017, 142, 51-54.	3.7	11
26	Reaction of 3-chloroquinoline-2,4-diones with ethanolamine and rearrangement of the reaction products. <i>Tetrahedron</i> , 2017, 73, 1583-1593.	1.9	3
27	Spectral Characteristic and Preliminary Anticancer Activity <i>in vitro</i> of Selected Rhodanine-3-carboxylic Acids Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2889-2897.	2.6	11
28	Preparation and characterization of novel double-decker rare-earth phthalocyanines substituted with 5-bromo-2-thienyl groups. <i>Chemistry Central Journal</i> , 2017, 11, 31.	2.6	3
29	Hydrosilylation of RN=CH Imino-Substituted Pyridines without a Catalyst. <i>Chemistry - A European Journal</i> , 2017, 23, 3074-3083.	3.3	7
30	Synthesis of Hydroxy-Substituted <i>p</i>-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.	4.3	10
31	Organosilicon and -germanium Hydrides in Catalyst-Free Hydrometallation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4887-4898.	2.0	11
32	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
33	4,6-Diazido-N-(2,4,6-trinitrophenyl)-1,3,5-triazin-2-amine (TNADAzT) and Its Silver Salt - Synthesis and Characterization. <i>Central European Journal of Energetic Materials</i> , 2017, 14, 304-320.	0.4	2
34	Analytical Characterization of Erythritol Tetranitrate, an Improvised Explosive. <i>Journal of Forensic Sciences</i> , 2016, 61, 759-764.	1.6	19
35	Germylenes and stannylenes 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.	3.3	10
36	Homolytic, Heterolytic, Mesolytic -As You Like It: Steering the Cleavage of a HC(sp<sup>3</sup>)<sup>3</sup>C(sp<sup>3</sup>)<sup>3</sup>H Bond in Bis(1<i>H</i>-1,1-benzazaborole) Derivatives. <i>Chemistry3.3 - A European Journal</i> , 2016, 22, 15340-15349.	3.3	7

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37	Reduction of N-Nitrosaminoquinolinediones with LiAlH <sub>4</sub> – an Easy Path to New Tricyclic Benzoxadiazocines. <i>Helvetica Chimica Acta</i> , 2016, 99, 50-62.	1.6	5
38	Stereochemistry of the reduction of Î±-chloroketones with sodium borohydride – application to 3-chloroquinoline-2,4-diones. <i>Tetrahedron</i> , 2016, 72, 4490-4497.	1.9	3
39	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
40	Reactivity of bis(organoamino)phosphanes with magnesium (<sc>ii</sc>) compounds. <i>Dalton Transactions</i> , 2015, 44, 4533-4545.	3.3	5
41	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.	1.6	5
42	New Imidazo[1,2-a]pyrimidin-5(6H)-ones Derived from Cytosine: Synthesis, Structure, and Cytotoxic Activity. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1382-1389.	2.6	6
43	Synthesis, structure and rearrangement of iodinated imidazo[1,2-c]pyrimidine-5(6H)-ones derived from cytosine. <i>Tetrahedron</i> , 2015, 71, 27-36.	1.9	6
44	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.	2.5	6
45	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.	3.3	11
46	Diphenylamine end-capped diketopyrrolopyrroles with phenylene – vinylene conjugation extension. <i>Tetrahedron Letters</i> , 2014, 55, 2829-2834.	1.4	7
47	Reduction of 3-Aminoquinoline-2,4(1H,3H)-diones and Deamination of the Reaction Products. <i>Helvetica Chimica Acta</i> , 2014, 97, 595-612.	1.6	9
48	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
49	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.	3.3	17
50	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.	2.6	8
51	Organohydridosilanes containing Y,C,Y-chelating ligands: Reactivity and vapour pressure studies. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 1-6.	1.8	3
52	Hydrosilylation Induced by N-Si Intramolecular Coordination: Spontaneous Transformation of Organosilanes into 1-Aza-5-silole-type Molecules in the Absence of a Catalyst. <i>Chemistry - A European Journal</i> , 2014, 20, 2542-2550.	3.3	23
53	Synthesis, characterization and styrene polymerization behavior of alkoxysilyl-substituted monocyclopentadienyltitanium(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 725, 5-10.	1.8	5
54	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

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55	Straightforward synthesis of novel cyclic metallasiloxanes supported by an N,C,N-chelating ligand. Dalton Transactions, 2013, 42, 16403.	3.3	14
56	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.	1.9	6
57	Nâ†As intramolecularly coordinated organoarsenic(III) chalcogenides: Isolation of terminal Asâ€S and Asâ€Se bonds. Journal of Organometallic Chemistry, 2013, 723, 10-14.	1.8	8
58	Synthesis, structure, absorption and fluorescence of Pechmann dye heteroanalogues. Dyes and Pigments, 2013, 98, 530-539.	3.7	17
59	Mixed Organotin(IV) Chalcogenides: From Molecules to Snâ€Sâ€Se Semiconducting Thin Films Deposited by Spinâ€Coating. Chemistry - A European Journal, 2013, 19, 1877-1881.	3.3	25
60	Structure, absorption and fluorescence of (bi)thiophene substituted methyldene-pyrrolinones. Journal of Molecular Structure, 2013, 1043, 43-51.	3.6	2
61	Synthesis and spectral properties of new hydrazone dyes and their Co(III) azo complexes. Dyes and Pigments, 2013, 98, 547-556.	3.7	18
62	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.	2.6	3
63	Scalable Synthesis of 1,1-Diamino-2,2-dinitroethene Without Hazardous Intermediates or by-Products. Journal of Energetic Materials, 2013, 31, 87-99.	2.0	15
64	The Preparation of Various New Heterocyclic Compounds via Cyclization of Substituted Derivatives of Phenacyl Esters of Hydrazonoacetic Acid. Synthesis, 2013, 45, 2447-2457.	2.3	7
65	Reaction of Some 2â€Quinolone Derivatives with Phosphoryl Chloride: Synthesis of Novel Phosphoric Acid Esters of 4â€Hydroxyâ€2â€quinolone. Journal of Heterocyclic Chemistry, 2013, 50, E100.	2.6	2
66	Pinacol Rearrangement of 3,4â€Dihydroâ€3,4â€dihydroxyquinolinâ€2(1H)-ones: An Alternative Pathway to Viridicatin Alkaloids and Their Analogs. Helvetica Chimica Acta, 2013, 96, 1905-1917.	1.6	13
67	Synthesis of Macrocycles Containing 1,2,3-Triazole Motifs. Synthesis, 2012, 44, 1398-1404.	2.3	4
68	Reactivity of lithium n-butyl amidinates towards group 14 metal(ii) chlorides providing series of hetero- and homoleptic tetrylenes. Dalton Transactions, 2012, 41, 5010.	3.3	40
69	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.	3.6	3
70	Organoantimony(III) and organobismuth(III) sulfides and selenide stabilized by NCO chelating pincer type ligand. Journal of Organometallic Chemistry, 2012, 718, 78-81.	1.8	7
71	Modified Riemschneider Reaction of 3â€Thiocyanatoquinolinediones. Helvetica Chimica Acta, 2012, 95, 1352-1372.	1.6	5
72	Nontargeted Quantitation of Lipid Classes Using Hydrophilic Interaction Liquid Chromatographyâ€Electrospray Ionization Mass Spectrometry with Single Internal Standard and Response Factor Approach. Analytical Chemistry, 2012, 84, 10064-10070.	6.5	121

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73	Monomeric organoantimony(III) sulphide and selenide with terminal Sb-E bond (E = S, Se). Synthesis, structure and theoretical consideration. Dalton Transactions, 2012, 41, 5140.	3.3	21
74	Reactivity of NCN-Chelated (NCN =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (C<sub>6</sub>H<sub>3</sub>-2,6-(CH<sub>2</sub>) <sub>2&lt;/sub&gt;)-Bismuth(III) Oxides toward Oxides of Arsenic. Organometallics, 2012, 31, 1725-1729.</sub>	2.3	18
75	Characterization of 4,6-Diazido-N-nitro-1,3,5-triazine-2-amine. Propellants, Explosives, Pyrotechnics, 2012, 37, 275-281.	1.6	19
76	Intramolecularly Coordinated Organotin Tellurides: Stable or Unstable?. Angewandte Chemie - International Edition, 2012, 51, 3478-3482.	13.8	39
77	Preparation and characterization of aluminum phthalocyanine acetate, propionate, and benzoate. Tetrahedron Letters, 2012, 53, 4056-4058.	1.4	1
78	Intramolecularly Coordinated Stannanechalcogenones: X-ray Structure of [2,6-(Me<sub>2</sub>NCH<sub>2</sub>)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>](Ph)Sn-Te. Organometallics, 2011, 30, 5904-5910.	2.3	20
79	NCN-Chelated Organoantimony(III) and Organobismuth(III) Phosphates: Synthesis and Solid-State and Solution Structures. Inorganic Chemistry, 2011, 50, 6411-6413.	4.0	19
80	O- and N-alkylated diketopyrrolopyrrole derivatives. Tetrahedron Letters, 2011, 52, 5769-5773.	1.4	24
81	Structure and spectroscopy of diorganotin(IV) complexes derived from Nâ€²-(2-hydroxy-3-methoxybenzylidene)benzohydrazide. Polyhedron, 2011, 30, 2544-2549.	2.2	10
82	Study of TATP: Formation of New Chloroderivates of Triacetone Triperoxide. Propellants, Explosives, Pyrotechnics, 2011, 36, 219-224.	1.6	9
83	Reaction of 3-Hydroxyquinoline-2,4-diones with Isocyanates and Thermally Induced Transformation of the Reaction Products. Helvetica Chimica Acta, 2011, 94, 78-91.	1.6	5
84	Intramolecularly Coordinated Tin(II) Selenide and Triselenoxostannonic Acid Anhydride. Chemistry - A European Journal, 2011, 17, 455-459.	3.3	41
85	Synthesis, absorption and fluorescence of hydrazone colorants based on pyrrolinone esters. Dyes and Pigments, 2011, 91, 170-176.	3.7	22
86	Structure and properties of lithium n-butyl amidinates. Journal of Organometallic Chemistry, 2011, 696, 2346-2354.	1.8	35
87	Reaction of 1-substituted 3-aminoquinolinediones with isocyanic and isothiocyanic acid. Tetrahedron, 2011, 67, 2407-2413.	1.9	9
88	Reaction of 3-aminoquinoline-2,4-diones with isothiocyanic acidâ€”an easy pathway to thioxo derivatives of imidazo[1,5-c]quinazolin-5-ones and imidazo[4,5-c]quinolin-4-ones. Tetrahedron, 2010, 66, 8441-8445.	1.9	13
89	Structural study of di- and triorganotin(IV) dicarboxylates containing one double bond. Journal of Organometallic Chemistry, 2010, 695, 2493-2498.	1.8	6
90	Reaction of 3-phenyl-3-aminoquinoline-2,4-diones with isothiocyanates. Facile access to novel spiro-linked 2-thioxoimidazolidine-oxindoles and imidazoline-2-thiones. Tetrahedron, 2010, 66, 2015-2025.	1.9	10

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91	An unprecedented rearrangement of salicylanilide derivatives: imidazolinone intermediate formation. <i>Tetrahedron Letters</i> , 2010, 51, 23-26.	1.4	8
92	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.	1.4	20
93	Absorption and fluorescence of arylmethylidenoxindoles and isoindigo. <i>Dyes and Pigments</i> , 2010, 85, 171-176.	3.7	20
94	Crystallography and Structure-Property Relationships in 2,2,4,4,6,6,6-heptafluoro-1,1,1-tris(4-phenyl)quaterphenyl (DODECA). <i>Propellants, Explosives, Pyrotechnics</i> , 2010, 35, 339-346.	1.6	9
95	Crystallography and Structure-Property Relationships of 2,2,4,4,6,6,6-heptafluoro-1,1,1-tris(4-phenyl)quaterphenyl (ONT). <i>Propellants, Explosives, Pyrotechnics</i> , 2010, 35, 130-135.	1.6	9
96	Chemometric Models For Quantitative Analysis of Tautomeric Schiff Bases and Azo Dyes. <i>Current Organic Chemistry</i> , 2009, 13, 217-240.	1.6	47
97	Molecular Rearrangement of 9-benzyloxy-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
98	Reactivity of C,N-chelated Stannylene with Azobenzene. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2058-2061.	2.0	22
99	Reaction of 1-substituted 3-aminoquinoline-2,4-diones with isothiocyanates. An easy pathway to generate novel 2-thioxo-1H-spiro[imidazoline-5,3-indole]-2,2-diones. <i>Tetrahedron</i> , 2009, 65, 4908-4916.	1.9	17
100	Synthesis of 2-thioxoimidazolines via reaction of 1-unsubstituted 3-aminoquinoline-2,4-diones with isothiocyanates. <i>Tetrahedron</i> , 2009, 65, 9103-9115.	1.9	12
101	The synthesis of N-derivatives of 3-aminoperylene and their absorption and fluorescence properties. <i>Dyes and Pigments</i> , 2009, 82, 164-170.	3.7	7
102	The synthesis of bi- and trichromophoric dyes bearing an s-triazinyl ring spacer. <i>Dyes and Pigments</i> , 2009, 82, 416-421.	3.7	9
103	Organic salts of dinitromethane. <i>Tetrahedron</i> , 2009, 65, 7163-7170.	1.9	14
104	Structural and spectral studies of 3-(2-hydroxyphenylimino)-1-phenylbutan-1-one and its diorganotin(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2434-2441.	1.8	23
105	C,N-chelated hexaorganodistannanes, and triorganotin(IV) hydrides and cyclopentadienides. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3000-3007.	1.8	26
106	Novel Domino Reactions of (Z,Z)-2-Thiobis(1,3-diarylprop-2-en-1-ones) with Acetylacetone and Ethyl Acetoacetate: Stereoselective Synthesis of Highly Functionalized Dihydrofurans. <i>Synthetic Communications</i> , 2009, 39, 2776-2788.	2.1	6
107	Structure of 2:1 cobalt(III) complexes derived from arylazocitrazinic acid. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 535-544.	1.0	1
108	Phenacyl esters of acetic acid derivatives and their application for the synthesis of 2-oxo-4-phenyl-5-(phenylhydrazono)-2,5-dihydrofuran-3-ylidene derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1437-1443.	1.5	2

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109	New Approaches to the Synthesis of 4-(2-Aminophenyl)-1,3-dihydro-2H-imidazol-2-ones and 3-Ureidoindoles and a Study of Their Interconversion. <i>Helvetica Chimica Acta</i> , 2008, 91, 354-370.	1.6	9
110	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.	2.2	11
111	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
112	A 15N NMR study of tautomerism in dimethyl dihydro-1,2,4,5-tetrazine-3,6-dicarboxylate. <i>Tetrahedron Letters</i> , 2008, 49, 4213-4215.	1.4	10
113	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
114	Synthesis and Structure of Organoantimony(III) Compounds Containing Antimony-Selenium and $\alpha$ -Tellurium Terminal Bonds. <i>Organometallics</i> , 2008, 27, 6059-6062.	2.3	44
115	15N NMR Spectroscopy in Structural Analysis: An Update (2001 - 2005). <i>Current Organic Chemistry</i> , 2007, 11, 1154-1205.	1.6	121
116	The Study of Cyclization of N-Acylphenacyl Anthranilates with Ammonium Salts under Various Conditions. <i>Heterocycles</i> , 2007, 71, 269.	0.7	6
117	Structure and tautomerism of azo coupling products from N-alkylenaminones derived from acetylacetone and benzoylacetone in solid phase and in solution. <i>New Journal of Chemistry</i> , 2007, 31, 429-438.	2.8	25
118	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.	1.9	9
119	Synthesis and structure of some azo coupled cyclic $\beta$ -enaminones. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 330-339.	1.9	11
120	Towards stereoselective radiosynthesis of $^{11}\text{C}$ methyl-substituted aromatic $\alpha$ -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.	1.0	11
121	New chiral synthons of $^{13}\text{C}$ - or $^{15}\text{N}$ -labelled $\alpha$ -amino acids. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 554-555.	1.0	2
122	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
123	Reaction of 2-naphthol with substituted benzenediazonium salts in [bmim][BF <sub>4</sub> ]. <i>Dyes and Pigments</i> , 2007, 73, 326-331.	3.7	7
124	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.	2.2	7
125	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.	3.7	13
126	Novel 5-(4-Substituted-phenyldiazonyl)-1,3,2,4-oxazaborines and Their Rearrangement to 1,2,4,3,4-Triazaborines. <i>Organometallics</i> , 2006, 25, 2025-2030.	2.3	26



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127	Effects of substituents in cyclopentadienyltitanium trichlorides on electronic absorption and <sup>47,49</sup> Ti NMR spectra and styrene polymerization activated by methylalumoxane. <i>Journal of Molecular Catalysis A</i> , 2006, 257, 14-25.	4.8	15
128	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.	1.8	21
129	Synthesis, characterization, cytotoxic activity and crystal structures of tri- and di-organotin(IV) complexes constructed from the [2-[(E)-1-(2-hydroxyaryl)alkylidene]amino}propionate and [2-[(Z)-(3-hydroxy-1-methyl-2-butenylidene)]amino}propionate skeletons. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 952-965.	1.8	81
130	Structural study of bis(triorganotin(IV)) esters of 4-ketopimelic acid. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2631-2640.	1.8	16
131	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
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237	Two-dimensional $^1\text{H}$ -, $^{13}\text{C}$ - and $^{15}\text{N}$ -NMR Spectra of Azo Dyes Derived from J-Acid, H-Acid and Gamma Acid. <i>Dyes and Pigments</i> , 1987, 8, 315-325.	3.7	24
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239	$^{15}\text{N}$ , $^{13}\text{C}$ , and $^1\text{H}$ NMR spectra of 1-substituted-2,4,6-trinitrobenzenes. <i>Collection of Czechoslovak Chemical Communications</i> , 1987, 52, 2946-2952.	1.0	8
240	Carbon-carbon coupling constants of 1-phenylazo-2-naphthol and 2-phenylazo-1-naphthol obtained by the SEMINA-1 technique. <i>Magnetic Resonance in Chemistry</i> , 1986, 24, 772-776.	1.9	21
241	$^{13}\text{C}$ and $^{15}\text{N}$ -NMR studies of the azo-hydrazone tautomerism of some azo dyes. <i>Dyes and Pigments</i> , 1986, 7, 171-185.	3.7	49
242	$^{31}\text{P}$ and $^{119}\text{Sn}$ NMR Spectra of Complexes of Diphenyltin(IV)dichloride with Tri(n-octyl)phosphine Oxide. <i>Inorganica Chimica Acta</i> , 1986, 122, 15-17.	2.4	10
243	Dependence of $ J(^{119}\text{Sn}^{13}\text{C}) $ on the $\text{C}\text{I}-\text{Sn}-\text{C}$ angle in n-butyltin(IV) compounds. <i>Inorganica Chimica Acta</i> , 1986, 118, L15-L16.	2.4	200
244	Preparation and infrared and $^{13}\text{C}$ , $^{17}\text{O}$ , and $^{119}\text{Sn}$ 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
245	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. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 1972-1985.	1.0	2
246	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
247	$^{17}\text{O}$ , $^{13}\text{C}$ , and $^{29}\text{Si}$ NMR spectra of some acyloxy- and diacetoxysilanes and acetoxygermanes. <i>Collection of Czechoslovak Chemical Communications</i> , 1986, 51, 2582-2589.	1.0	19
248	$^{13}\text{C}$ NMR spectra of sodium naphthalenesulphonates. <i>Collection of Czechoslovak Chemical Communications</i> , 1985, 50, 1852-1861.	1.0	4
249	A study of reaction of aromatic polynitro compounds with tributylstannyl hydride. <i>Collection of Czechoslovak Chemical Communications</i> , 1985, 50, 2598-2606.	1.0	6
250	$^{13}\text{C}$ , $^{15}\text{N}$ , and $^{19}\text{F}$ NMR spectra of 2-phenylhydrazonopropanedinitriles and methyl 2-phenyl hydrazonocanoacetates. <i>Collection of Czechoslovak Chemical Communications</i> , 1984, 49, 2801-2806.	1.0	12
251	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
252	$^{13}\text{C}$ 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

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253	<sup>13</sup> C and <sup>119</sup> Sn NMR spectra of some triphenyltin 4-substituted benzoates dissolved in coordinating and non-coordinating solvents. Collection of Czechoslovak Chemical Communications, 1984, 49, 2903-2911.	1.0	33
254	<sup>13</sup> C, <sup>15</sup> N, and <sup>19</sup> F NMR spectra of 4-fluoro-(3- <sup>13</sup> C or 4- <sup>15</sup> N-substituted) azobenzenes. Collection of Czechoslovak Chemical Communications, 1984, 49, 58-64.	1.0	4
255	<sup>13</sup> C and <sup>15</sup> N NMR spectra of 6-substituted bicyclo[3,3,1]7-nonane nitronates. Collection of Czechoslovak Chemical Communications, 1984, 49, 244-252.	1.0	2
256	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. Collection of Czechoslovak Chemical Communications, 1984, 49, 1497-1504.	1.0	5
257	Synthesis of 1,2,4-triazino[5,6-b]- and imidazo[4,5-b]quinoline derivatives. Collection of Czechoslovak Chemical Communications, 1984, 49, 2628-2634.	1.0	14
258	<sup>13</sup> C and <sup>15</sup> N NMR study of azo-hydrazone tautomerism in azo dyes containing amino or acetamido groups. Collection of Czechoslovak Chemical Communications, 1983, 48, 3104-3111.	1.0	26
259	Carbon-13 and nitrogen-15 NMR spectra of cis- and trans-azobenzene, 4-monosubstituted and 4,4'-disubstituted trans-azobenzenes. Collection of Czechoslovak Chemical Communications, 1982, 47, 1112-1120.	1.0	41
260	Cyclization reactions of some o-acylphenylhydrazones. Collection of Czechoslovak Chemical Communications, 1982, 47, 1746-1756.	1.0	5
261	<sup>13</sup> C and <sup>15</sup> N nuclear magnetic resonance spectra of Meisenheimer complexes of 1,3,5-trinitrobenzene. Journal of the Chemical Society Perkin Transactions II, 1982, , 355-360.	0.9	17
262	<sup>29</sup> Si and <sup>13</sup> C NMR spectra of some alkyl-diphenylchlorosilanes, alkyl-diphenylsilanols and bis(alkyl-diphenylsilyl)chromates. Collection of Czechoslovak Chemical Communications, 1982, 47, 603-612.	1.0	2
263	Benzoannelated quinone methides. Collection of Czechoslovak Chemical Communications, 1982, 47, 1645-1653.	1.0	6
264	Synthesis of 6-aza-nido-decaborane(12) and its derivatives. Journal of the Chemical Society Chemical Communications, 1981, , 1162-1163.	2.0	11
265	Perturbation of the fuchsone chromophore by 3,5-methyl substitution. Sterically crowded exocyclic double bond. Collection of Czechoslovak Chemical Communications, 1981, 46, 2540-2556.	1.0	3
266	<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. Collection of Czechoslovak Chemical Communications, 1981, 46, 1383-1388.	1.0	16
267	<sup>13</sup> C NMR spectra of non-labelled and <sup>15</sup> N-mono-labelled azo dyes. Magnetic Resonance in Chemistry, 1981, 15, 390-393.	0.7	74
268	<sup>15</sup> N NMR study of azo-hydrazone tautomerism of <sup>15</sup> N-labelled azo dyestuffs. Magnetic Resonance in Chemistry, 1981, 16, 17-19.	0.7	65
269	<sup>13</sup> C NMR study of 7,7-disubstituted quinone methides. Collection of Czechoslovak Chemical Communications, 1981, 46, 2083-2090.	1.0	1
270	<sup>13</sup> C NMR study of substituted quinone methides. 2- and 2,6-substituted fuchsones. Collection of Czechoslovak Chemical Communications, 1981, 46, 1775-1787.	1.0	1



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271	Coupling constants nitrogen-15-nitrogen-15 and nitrogen-15-hydrogen in phenylhydrazones forming hydrogen bond. Collection of Czechoslovak Chemical Communications, 1981, 46, 892-897.	1.0	40
272	<sup>13</sup> C-NMR spectra of benzenesulphonyl derivatives. Collection of Czechoslovak Chemical Communications, 1980, 45, 1575-1580.	1.0	11
273	Synthese von einigen Alkyldiphenylchlorsilanen und Alkyldiphenylsilanolen. Zeitschrift für Chemie, 1980, 20, 343-343.	0.0	3
274	Carbon-13 and nitrogen-14 NMR spectra of 1-(substituted phenyl)pyridinium salts. Collection of Czechoslovak Chemical Communications, 1980, 45, 2766-2771.	1.0	8
275	<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
276	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