Rosa MarÃ-a Claramunt

List of Publications by Year
in descending order

403 papers	8,885 citations	57719 44 h-index	106281 65 g-index
418 all docs	418 docs citations	418 times ranked	6249 citing authors

#	Article	IF	Citations
1	Photoinduced intramolecular proton transfer as the mechanism of ultraviolet stabilizers: a reappraisal. Journal of the American Chemical Society, 1990, 112, 747-759.	6.6	198
2	The use of NMR spectroscopy to study tautomerism. Progress in Nuclear Magnetic Resonance Spectroscopy, 2006, 49, 169-206.	3.9	164
3	New ultraviolet stabilizers: 3- and 5-(2'-hydroxyphenyl)pyrazoles. Journal of the American Chemical Society, 1992, 114, 5039-5048.	6.6	139
4	Basicity and acidity of azoles: the annelation effect in azoles. Journal of the American Chemical Society, 1988, 110, 4105-4111.	6.6	127
5	NMR Crystallography of Campho[2,3-c]pyrazole (Zâ€² = 6): Combining High-Resolution ¹H-¹³C Solid-State MAS NMR Spectroscopy and GIPAW Chemical-Shift Calculations. Journal of Physical Chemistry A, 2010, 114, 10435-10442.	1.1	127
6	13C NMR of pyrazoles. Magnetic Resonance in Chemistry, 1993, 31, 107-168.	1.1	123
7	Tautomerism and aromaticity in 1,2,3-triazoles: the case of benzotriazole. Journal of the American Chemical Society, 1989, 111, 7348-7353.	6.6	119
8	Quantifying Weak Hydrogen Bonding in Uracil and 4-Cyano-4â€˜-ethynylbiphenyl:â€‰ A Combined Computational and Experimental Investigation of NMR Chemical Shifts in the Solid State. Journal of the American Chemical Society, 2008, 130, 945-954.	6.6	112
9	Determining hydrogen-bond strengths in the solid state by NMR: the quantitative measurement of homonuclear J couplings. Chemical Communications, 2002, , 1852-1853.	2.2	107
10	Synthesis and physicochemical studies on 1,2â€bisazolylethanes. Journal of Heterocyclic Chemistry, 1988, 25, 771-782.	1.4	101
11	Substituent effects on the15N NMR Parameters of Azoles. , 1997, 35, 35-75.		96
12	Substituent and solvent effects on the proton transfer equilibrium in anils and azo derivatives of naphthol. Multinuclear NMR study and theoretical calculations. Journal of Molecular Structure, 2004, 705, 1-9.	1.8	82
13	A 13C NMR spectroscopy study of the structure of N-H pyrazoles and indazoles. Canadian Journal of Chemistry, 1993, 71, 678-684.	0.6	81
14	Effects of Nitrogen Substitution in Poly(Pyrazolyl)Borato Ligands: From Orbital Energy Levels to Câ€“H âƒ› O Hydrogen Bonding. Chemistry - A European Journal, 1996, 2, 992-1000.	1.7	80
15	Title is missing!. Helvetica Chimica Acta, 2002, 85, 2763-2776.	1.0	78
16	The Direct Detection of a Hydrogen Bond in the Solid State by NMR through the Observation of a Hydrogen-Bond Mediated15Nâ^15NJCoupling. Journal of the American Chemical Society, 2002, 124, 1152-1153.	6.6	77
17	Study of the reaction of chalcone analogs of dehydroacetic acid and o-aminothiophenol: synthesis and structure of 1,5-benzothiazepines and 1,4-benzothiazines. Tetrahedron, 2005, 61, 6642-6651.	1.0	76
18	Azolides. Part 12. Carbon-13 nuclear magnetic resonance study of N-methyl and N-acetyl derivatives of azoles and benzazoles. Journal of the Chemical Society Perkin Transactions II, 1978, , 99.	0.9	74

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19	Basicity of C-substituted pyrazoles in the gas phase: an experimental (ICR) and theoretical study. Journal of Organic Chemistry, 1992, 57, 3938-3946.	1.7	68
20	Acidity and Basicity of Indazole and its N-Methyl Derivatives in the Ground and in the Excited State. The Journal of Physical Chemistry, 1994, 98, 10606-10612.	2.9	68
21	Photophysics of the 2-(2â€²-hydroxyphenyl)perimidine: On the fluorescence of the enol form. Journal of Luminescence, 1996, 68, 165-170.	1.5	68
22	A study of the tautomerism of Î²-dicarbonyl compounds with special emphasis on curcuminoids. Tetrahedron, 2008, 64, 8089-8094.	1.0	65
23	Enthalpies of Formation ofN-Substituted Pyrazoles and Imidazoles. Journal of Physical Chemistry A, 1999, 103, 9336-9344.	1.1	63
24	Rhodium(I) complexes with bis(pyrazolyl)methane ligands. Crystal structure of [Rh(COD)(CH2(Pz)2)]ClO4Â· C2H4Cl2. Journal of Organometallic Chemistry, 1984, 276, 79-97.	0.8	62
25	Structure of bis-, tris- and tetrakispyrazolylborates in the solid state (sodium and potassium salts of) Tj ETQq1 1 0.784314 rgBT /Over Chimica Acta, 1990, 176, 195-204.	1.2	60
26	A theoretical and experimental study of the intrinsic basicities of methyldiazoles. Journal of the American Chemical Society, 1990, 112, 1303-1312.	6.6	60
27	THE CHEMISTRY OF PYRAZOLIDINONES. A REVIEW. Organic Preparations and Procedures International, 1991, 23, 273-320.	0.6	60
28	The structure of halogeno-1,2,4-triazoles in the solid state and in solution. New Journal of Chemistry, 2001, 25, 1061-1068.	1.4	60
29	Experimental and theoretical study of the R3P+-X- bond. Case of betaines derived from N-iminophosphoranes and alkyl isocyanates. Journal of the American Chemical Society, 1989, 111, 355-363.	6.6	58
30	The tautomerism of Omeprazole in solution: a1H and13C NMR study. Magnetic Resonance in Chemistry, 2004, 42, 712-714.	1.1	58
31	The Structure of Pyrazoles in the Solid State:Â A Combined CPMAS, NMR, and Crystallographic Study. Journal of Organic Chemistry, 2006, 71, 6881-6891.	1.7	58
32	The TICT Mechanism in 9,9â€˜-Biaryl Compounds:â€‰ Solvatochromism of 9,9â€˜-Bianthryl, N-(9-Anthryl)carbazole, and N,Nâ€˜-Bicarbazyl. The Journal of Physical Chemistry, 1996, 100, 18392-18398.	2.9	57
33	The azido-tetrazole and diazo-1,2,3-triazole tautomerism in six-membered heteroaromatic rings and their relationships with aromaticity: Azines and perimidine. Tetrahedron, 2010, 66, 2863-2868.	1.0	57
34	Nâ€polylazolylmÃ©thanes. III.. SynthÃ¨se et Ã©tude rmn du proton des dÃ©rivÃ©s du mÃ©thylÃ¨neâ€1,1â€²-diimidazole et du mÃ©thylÃ¨neâ€1,1â€²-dibenzimidazole. Journal of Heterocyclic Chemistry, 1983, 20, 1245-1249.	1.4	56
35	Tris(pyrazol-1-yl)methane-rhodium(I) and -iridium(I) complexes; cyrstal structure of [Rh(COD)(tpzm)][RhCl2(COD)]Â·3CHCl3. Journal of Organometallic Chemistry, 1988, 344, 93-108.	0.8	55
36	13C NMR chemical shifts ofN-unsubstituted- andN-methyl-pyrazole derivatives. Magnetic Resonance in Chemistry, 1984, 22, 603-607.	0.7	53

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37	Complete energy profile of a chiral propeller compound: Tris-(2â€²-methylbenzimidazol-1â€²-yl) Methane (TMBM). Chromatographic resolution on triacetyl cellulose, x-ray structures of the racemic and one enantiomer, and dynamic NMR study. Tetrahedron: Asymmetry, 1990, 1, 65-86.	1.8	53
38	Synthesis and biological evaluation of curcuminoid pyrazoles as new therapeutic agents in inflammatory bowel disease: Effect on matrix metalloproteinases. Bioorganic and Medicinal Chemistry, 2009, 17, 1290-1296.	1.4	50
39	Scalar coupling constants across the intramolecular NHN hydrogen bond of symmetrically and non-symmetrically substituted 6-aminofulvene-1-aldimines. Magnetic Resonance in Chemistry, 2001, 39, S100-S108.	1.1	49
40	On the tautomerism of pyrazolones: the geminal 2J[pyrazole C-4,H-3(5)] spin coupling constant as a diagnostic tool. Tetrahedron, 2004, 60, 6791-6805.	1.0	49
41	Symmetrization of Cationic Hydrogen Bridges of Protonated Sponges Induced by Solvent and Counteranion Interactions as Revealed by NMR Spectroscopy. Chemistry - A European Journal, 2010, 16, 1679-1690.	1.7	49
42	An experimental (NMR) and theoretical (GIAO) study of the tautomerism of benzotriazole in solution. Tetrahedron, 2002, 58, 9089-9094.	1.0	48
43	N-aminoazoles. Part 2. Basicity and protonation site of N-aminoazoles: an experimental (pKa,13C and15N) Tj ETQq1 1 0.784314 rgBT /C Transactions II, 1993, , 1687-1699.	0.9	46
44	13C Detected Scalar Nitrogenâ^'Nitrogen Couplings Across the Intramolecular Symmetric NHN Hydrogen Bond of Proton Sponge. Journal of the American Chemical Society, 2001, 123, 4338-4339.	6.6	46
45	Fluorinated indazoles as novel selective inhibitors of nitric oxide synthase (NOS): Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry, 2009, 17, 6180-6187.	1.4	46
46	Experimental (13C and15N NMR spectroscopy) and theoretical (6-31G) study of the protonation ofN-methylazoles andN-methylbenzazoles. Magnetic Resonance in Chemistry, 1993, 31, 791-800.	1.1	45
47	Structure and tautomerism of 3(5)-amino-5(3)-arylpyrazoles in the solid state and in solution: An X-ray and NMR study. Tetrahedron, 1997, 53, 10783-10802.	1.0	45
48	Structure and tautomerism of 4-bromo substituted 1H-pyrazoles. Tetrahedron, 2007, 63, 8104-8111.	1.0	43
49	Proton transfer in solid heterocycles: An Xâ€ray and CPMAS NMR study. Journal of Heterocyclic Chemistry, 1994, 31, 695-700.	1.4	42
50	Multiple hydrogen bonds and tautomerism in naphthyridine derivatives. New Journal of Chemistry, 2004, 28, 700-707.	1.4	42
51	Structure of 3(5)-methyl-4-nitropyrazole in the solid state: tautomerism, crystallography and the problem of desmotropy. Journal of the Chemical Society Chemical Communications, 1994, , 1143-1145.	2.0	41
52	Dissociative Attachment of Protons to 1-Fluoro- and 1-Chloroadamantane in the Gas Phase. Journal of the American Chemical Society, 1994, 116, 2486-2492.	6.6	41
53	An experimental and theoretical NMR study of NH-benzimidazoles in solution and in the solid state: proton transfer and tautomerism. Beilstein Journal of Organic Chemistry, 2014, 10, 1620-1629.	1.3	41
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55	Protonation and phase effects on the NMR chemical shifts of imidazoles and pyrazoles: experimental results and GIAO calculationsElectronic supplementary information (ESI) available: absolute and relative shieldings calculated at the B3LYP/6-311++G**//B3LYP/6-311++G** level for compounds V to XXI as well as pyrazole and 3,5-dimethylpyrazole dimers, trimers and tetramers (420 shieldings). See http://www.rsc.org/suppdata/nj/b2/b210251j/. New Journal of Chemistry, 2003, 27, 734-742.	1.4	38
56	Synthesis and spectroscopic properties of Schiff bases derived from 3-hydroxy-4-pyridinecarboxaldehyde. Tetrahedron, 2005, 61, 145-154.	1.0	38
57	An 1H and 13C NMR spectroscopic study of the structure of potassium and thallium salts of tris- and tetrakis-(pyrazol-1-yl) borates in solution. Some 13Cî—¸11B and 13Cî—¸205Tl residual coupling constants. Journal of Organometallic Chemistry, 1995, 503, 265-276.	0.8	37
58	Rhodium(I) complexes with pyridazine, 4,6-dimethyl-pyrimidine, 4,6-bis(3,5-dimethylpyrazol-1-yl)pyrimidine, 3,6-bis(3,5-dimethylpyrazol-1-yl)pyridazine and 3-(3,5-dimethylpyrazol-1-yl)-6-chloropyridazine. Polyhedron, 1984, 3, 213-221.	1.0	36
59	Photophysical properties of some 2-(2'-hydroxyaryl)benzotriazoles: dramatic effect of an ortho-located bulky tert-butyl group. Journal of the American Chemical Society, 1992, 114, 964-966.	6.6	36
60	6-Aminofulvene-1-aldimine: A Model Molecule for the Study of Intramolecular Hydrogen Bonds. Angewandte Chemie - International Edition, 2001, 40, 420-423.	7.2	35
61	Synthesis and structural study of tetrahydroindazolones. Tetrahedron, 2006, 62, 11704-11713.	1.0	35
62	The structure of fluorinated indazoles: the effect of the replacement of a H by a F atom on the supramolecular structure of NH-indazoles. New Journal of Chemistry, 2007, 31, 936-946.	1.4	35
63	A molecular balance to measure the strength of Nâ€“Hâ‹¯Ï€ hydrogen bondsÂbased on the tautomeric equilibria of C-benzylphenyl substituted NH-pyrazoles. Tetrahedron, 2008, 64, 3667-3673.	1.0	35
64	NMR Studies of Ultrafast Intramolecular Proton Tautomerism in Crystalline and Amorphous N,Nâ€²-Diphenyl-6-aminofulvene-1-aldimine: Solid-State, Kinetic Isotope, and Tunneling Effects. Journal of the American Chemical Society, 2008, 130, 8620-8632.	6.6	35
65	Structural Investigation of Weak Intermolecular Interactions (Hydrogen and Halogen Bonds) in Fluorine-Substituted Benzimidazoles. Crystal Growth and Design, 2014, 14, 3499-3509.	1.4	35
66	The organic chemistry of poly(1H-pyrazol-1-yl)methanes. Coordination Chemistry Reviews, 2017, 339, 153-182.	9.5	34
67	New Tris(pyrazolyl)triazine and Pyrazolylpyridine Gold(I) and Palladium(II) Derivatives Based on the 3,5-Bis(4-butoxyphenyl)pyrazole Group â^' Architectures with Different Types of Bonding Interactions. European Journal of Inorganic Chemistry, 2003, 2003, 2693-2704.	1.0	33
68	Five Different Fluxional Processes in Polyfluorophenyl Palladium(II) Complexes with 2,4,6-Tris(3,5-dimethylpyrazol-1-yl)-1,3,5-triazine. The Driving Effect of the Solvent. Inorganic Chemistry, 2003, 42, 885-895.	1.9	33
69	High-Resolution Solid-State 13C and 15N NMR Spectroscopy of Pyrazole and 3,5-Dimethylpyrazole Adsorbed on Alumina and Silica. The Journal of Physical Chemistry, 1994, 98, 8752-8760.	2.9	32
70	Tautomerism in the Solid State and in Solution of a Series of 6-Aminofulvene-1-aldimines. Journal of Organic Chemistry, 2002, 67, 1462-1471.	1.7	32
71	Spiro-Fused (C2)-Azirino-(C4)-pyrazolones, a New Heterocyclic System. Synthesis, Spectroscopic Studies and X-ray Structure Analysis1. Journal of Organic Chemistry, 2003, 68, 7943-7950.	1.7	32
72	Pyrazolo[1,5-a]pyrimidines. A combined multinuclear magnetic resonance (1H,13C,15N,19F) and DFT approach to their structural assignment. Magnetic Resonance in Chemistry, 2007, 45, 513-517.	1.1	32

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73	The chiral structure of 1H-indazoles in the solid state: a crystallographic, vibrational circular dichroism and computational study. New Journal of Chemistry, 2012, 36, 749.	1.4	32
74	NMR studies in the heterocyclic series. 27â€"Carbon-13 NMR determination of the protonation site of aminopyrazoles in trifluoroacetic acid. Magnetic Resonance in Chemistry, 1985, 23, 367-374.	1.1	31
75	13C NMR study of polyphenyl-, poly-N-azolyl-and poly-N-benzazoyl-methanes. Magnetic Resonance in Chemistry, 1987, 25, 260-268.	1.1	31
76	Thermodynamic basicity vs. kinetic basicity of diazoles (imidazoles and pyrazoles). Journal of Organic Chemistry, 1991, 56, 179-183.	1.7	31
77	Carbonic Anhydrase Activators. XV. A Kinetic Study of the Interaction of Bovine Isozyme II with Pyrazoles, Bis- and Tris-azolyl-methanes.. Biological and Pharmaceutical Bulletin, 1996, 19, 1417-1422.	0.6	31
78	1H,13C and15N NMR spectra of [1,2-15N2]pyrazole derivatives. Magnetic Resonance in Chemistry, 1984, 22, 473-475.	0.7	30
79	Carbonic Anhydrase Activators. VII. Isozyme II Activation by Bisazolyl-methanes, -ethanes and Related Azoles.. Biological and Pharmaceutical Bulletin, 1993, 16, 1236-1239.	0.6	29
80	Structures of NH-pyrazoles bearing only C-methyl substituents: 4-methylpyrazole is a hydrogen-bonded trimer in the solid (100 K). New Journal of Chemistry, 1999, 23, 237-240.	1.4	29
81	Tautomerism involving other than five-and six-membered rings. Advances in Heterocyclic Chemistry, 2000, 77, 1-50.	0.9	29
82	Cocrystals of 3,5-Dimethyl-1H-pyrazole and Salicylic Acid:Â Controlled Formation of Trimers via Oâ"HÂ·Â·Â·N Hydrogen Bondsâ€. Crystal Growth and Design, 2007, 7, 1176-1184.	1.4	29
83	A study in desmotropy. Solid State Nuclear Magnetic Resonance, 2008, 34, 68-76.	1.5	29
84	The annular tautomerism of the curcuminoid NH-pyrazoles. New Journal of Chemistry, 2009, 33, 125-135.	1.4	29
85	‹sup›15‹/sup›N NMR Spectroscopy, X-ray and Neutron Diffraction, Quantum-Chemical Calculations, and UV/vis-Spectrophotometric Titrations as Complementary Techniques for the Analysis of Pyridine-Supported Bicyclic Guanidine Superbases. Journal of Organic Chemistry, 2016, 81, 7612-7625.	1.7	29
86	A Multinuclear NMR Spectral Study of Parent Azoles and Benzazoles: Experimental Results and GIAO Ab initio Calculations. Heterocycles, 2001, 55, 2109.	0.4	28
87	Molecular Recognition:Â Improved Binding of Biotin Derivatives with Synthetic Receptors. Journal of Organic Chemistry, 2006, 71, 2944-2951.	1.7	28
88	The reaction of o-phenylenediamine with Î±,Î²-unsaturated carbonyl compounds. Arkivoc, 2007, 2006, 35-45.	0.3	28
89	Structural studies of cyclic ureas: 1. Enthalpies of formation of imidazolidin-2-one and N,Nâ€²-trimethyleneurea. Journal of Chemical Thermodynamics, 2008, 40, 386-393.	1.0	28
90	Unprecedented 1,3-Diaza[3]ferrocenophane Scaffold as Molecular Probe for Anions. Inorganic Chemistry, 2011, 50, 4212-4220.	1.9	28

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91	Diazole-based powdered cocrystal featuring a helical hydrogen-bonded network: Structure determination from PXRD, solid-state NMR and computer modeling. Solid State Nuclear Magnetic Resonance, 2015, 65, 49-63.	1.5	28
92	Activity againstTrypanosoma cruzi of New Analogues of Nifurtimox. Archiv Der Pharmazie, 1987, 320, 115-120.	2.1	27
93	Iminophosphorane-substituted proton sponges. Part 1. X-ray molecular structures of 1,8-diaminonaphthalene and 1-amino-8-triphenylphosphoranylideneaminonaphthalene. Journal of the Chemical Society Perkin Transactions II, 1991, , 1025.	0.9	27
94	Rearrangement of N-(alkylamino)azoles in acid media: a new entry to C-amino-N-substituted azoles. Journal of Organic Chemistry, 1992, 57, 1563-1567.	1.7	27
95	Regular paper. Journal of Organometallic Chemistry, 1996, 526, 341-350.	0.8	27
96	The tautomerism of 1H-pyrazole-3(5)-(N-tert-butyl)carboxamide in the solid state and in solution. Magnetic Resonance in Chemistry, 2005, 43, 89-91.	1.1	27
97	High resolution 13C nuclear magnetic resonance spectra of solid pyrazoles. Application to annular tautomerism. Canadian Journal of Chemistry, 1988, 66, 1141-1146.	0.6	26
98	Reaction of pyrazole addition to quinones. Journal of Organic Chemistry, 1992, 57, 1873-1876.	1.7	26
99	Solid-State Structure and Tautomerism of 2-Aminotroponimines Studied by X-ray Crystallography and Multinuclear NMR Spectroscopy. European Journal of Organic Chemistry, 2004, 2004, 4452-4466.	1.2	26
100	Structure of NH-benzazoles (1H-benzimidazoles, 1H- and 2H-indazoles, 1H- and 2H-benzotriazoles). Chemistry of Heterocyclic Compounds, 2013, 49, 177-202.	0.6	26
101	Iminophosphorane-mediated syntheses of [1,2,4]triazolo[5,1-c][1,2,4]triazines. The unexpected formation of Z,Z-1,3-diazetidine-2,4-di-imines. X-Ray molecular structure of 7-(p-chloroanilino)-8-(p-chlorophenyl)-3-methyl[1,2,4]triazolo[5,1-c][1,2,4]triazin-4(8H)-one and of 1,3-bis-(p-chlorophenyl)-2,4-bis-(6-methyl-3-methylthio-5-oxo-4,5-dihydro-1,2,4-triazin-4-ylimino)-1,3-diazetidine. Journal of the Chemical Society, Perkin Transactions 1, 1996, , 2037.	0.9	25
102	Study of the catalytic properties of tris (3,6-dioxaheptyl) amine (tda-1) in heteroaromatic nucleophilic substitution of chloropyridines and their n-oxides. Tetrahedron, 1987, 43, 2557-2564.	1.0	25
103	2-Arylperimidine derivatives. Part 1. Synthesis, NMR spectroscopy, X-ray crystal and molecular structures. Journal of the Chemical Society Perkin Transactions II, 1995, , 1389-1398.	0.9	25
104	Localization of hydrogen bond deuterons in proton sponges by dipolar solid state ¹⁵N NMR spectroscopy. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 414-418.	0.9	25
105	Aromatic systems with 10 Ï€ electrons derived from 3aâ€azapentalene. XXVIII. Electronic and molecular structure of the pyrazolo[1,5â€d]tetrazole system. Journal of Heterocyclic Chemistry, 1978, 15, 395-399.	1.4	24
106	Reactivity of azoles towards benzaldehyde and its dimethylacetal. Synthesis of N,N'-diazolylphenylmethanes. Tetrahedron, 1985, 41, 5955-5963.	1.0	24
107	Basicity of azoles. VII. Basicity of Câ€aminopyrazoles in relation to tautomeric and protonation studies. Journal of Heterocyclic Chemistry, 1985, 22, 997-1000.	1.4	24
108	(2,5-Norbornadiene)rhodium(I) complexes with bis- and tris(azol-1-yl)methanes. Organometallics, 1994, 13, 289-297.	1.1	24

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109	Molecular recognition of biotin, barbital and tolbutamide with new synthetic receptors. Tetrahedron, 2005, 61, 5089-5100.	1.0	24
110	A1H,13C and15N NMR study in solution and in the solid state of sixN-substituted pyrazoles and indazoles. Magnetic Resonance in Chemistry, 2006, 44, 566-570.	1.1	24
111	Variable-Field Study of 13C,35,37Cl Residual Dipolar Coupling in the 13C CPMAS NMR Spectra of Pyrazole Derivatives. The Journal of Physical Chemistry, 1994, 98, 5207-5211.	2.9	23
112	Apparent Allyl Rotation in New Allylpalladium(II) Complexes with PyrazolylN-Donor Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 549-556.	1.0	23
113	Multi-component solvent-free versus stepwise solvent mediated reactions: Regiospecific formation of 6-trifluoromethyl and 4-trifluoromethyl-1H-pyrazolo[3,4-b]pyridines. Journal of Fluorine Chemistry, 2012, 140, 31-37.	0.9	23
114	Aromatic systems with 10? electrons derived from 3a-azapentalene. Part 37. Cyclization of the anion of azido-s-triazole into the anion of s-triazolo[2,3-d]tetrazole. Journal of the Chemical Society Perkin Transactions 1, 1979, , 2886.	0.9	22
115	Synthesis and reactivity of new lâ€(1â€adamantyl)pyrazoles. Journal of Heterocyclic Chemistry, 1984, 21, 249-251.	1.4	22
116	The structure of indazolinone and derivatives in the solid state and in solution: an X-ray and nuclear magnetic resonance study. Journal of the Chemical Society Perkin Transactions II, 1986, , 1677-1681.	0.9	22
117	Iminophosphorane-mediated synthesis of fused [1,2,4]triazines: preparation of the novel [1,2,4]triazino[4,3-b][1,2,4,5]tetrazine ring system. Tetrahedron, 1988, 44, 2249-2259.	1.0	22
118	Reduction phenomenon in the fab mass spectra ofN-aminoazoles with a glycerol matrix. Organic Mass Spectrometry, 1990, 25, 293-295.	1.3	22
119	The crystal and molecular structure of bis(indazol-1-yl)pyridin-2â€²-ylmethane (BIPM) and [Rh(BIPM)(NBD)]PF6. Journal of Organometallic Chemistry, 1993, 450, 237-244.	0.8	22
120	Synthesis and structure of new hosts related to 9,9â€²-bianthryl. Journal of the Chemical Society Perkin Transactions II, 1993, , 757-766.	0.9	22
121	Intermolecular proton transfer in hostâ€“guest crystals: the case of pyrazole included in 1,1-di(2,4-dimethylphenyl)but-2-yn-1-ol, an X-ray and solid-state13C/15N NMR study. Journal of the Chemical Society Chemical Communications, 1993, , 1139-1142.	2.0	22
122	Imidazole and benzimidazole addition to quinones. Formation of meso and d,l isomers and crystal structure of the d,l isomer of 2,3-Bis(benzimidazol-1'-yl)-1,4-dihydroxybenzene. Tetrahedron, 1994, 50, 12489-12510.	1.0	22
123	Complexes of rhodium and iridium derived from 2,5-bis(pyrazol-1â€²-yl)-1,4-dihydroxybenzene. Journal of Organometallic Chemistry, 1994, 467, 293-301.	0.8	22
124	Ab initio study of azolides: Energetic and spectroscopic properties. Journal of Heterocyclic Chemistry, 2001, 38, 443-450.	1.4	22
125	¹³C and ¹⁵N NMR spectra of aminobenzimidazoles in solution and in the solid state. Magnetic Resonance in Chemistry, 2009, 47, 100-104.	1.1	22
126	The interplay of hydrogen bonds and halogen bonds in the structure of NH-pyrazoles bearing C-aryl and C-halogen substituents. Inorganica Chimica Acta, 2010, 363, 1332-1342.	1.2	22

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127	Improving VEGFR-2 Docking-Based Screening by Pharmacophore Postfiltering and Similarity Search Postprocessing. Journal of Chemical Information and Modeling, 2011, 51, 777-787.	2.5	22
128	Synthesis and biological evaluation of indazole derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1439-1447.	2.6	22
129	Mechano Heterocyclic Chemistry: Grinding and Ball Millsâ^—. Advances in Heterocyclic Chemistry, 2014, 112, 117-143.	0.9	22
130	Weak Intermolecular CHÂ·Â·Â·N Hydrogen Bonding: Determination of ¹³CHâ€“¹⁵N Hydrogen-Bond Mediated J Couplings by Solid-State NMR Spectroscopy and First-Principles Calculations. Journal of Physical Chemistry A, 2020, 124, 560-572.	1.1	22
131	Etudes RMN en Serie Heterocycliqueâ€”VIII: Effet des Dipivalomethanates de Nickel(II), Cobalt(II), Europium(III) et Praseodyme(III) sur les Deplacements Chimiques de quelques Derives du Pyrazoles. Magnetic Resonance in Chemistry, 1971, 3, 595-598.	0.7	21
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