

Jose Elguero

List of Publications by Year in descending order

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1,182
papers

35,959
citations

6606

79
h-index

13365

130
g-index

1204
all docs

1204
docs citations

1204
times ranked

16605
citing authors

#	ARTICLE	IF	CITATIONS
1	From weak to strong interactions: A comprehensive analysis of the topological and energetic properties of the electron density distribution involving X-H...Y systems. <i>Journal of Chemical Physics</i> , 2002, 117, 5529-5542.	1.2	1,510
2	Behavior of Ylides Containing N, O, and C Atoms as Hydrogen Bond Acceptors. <i>Journal of the American Chemical Society</i> , 2000, 122, 11154-11161.	6.6	1,334
3	Non-conventional hydrogen bonds. <i>Chemical Society Reviews</i> , 1998, 27, 163.	18.7	564
4	Interaction of Anions with Perfluoro Aromatic Compounds. <i>Journal of the American Chemical Society</i> , 2002, 124, 8593-8598.	6.6	496
5	Not Only Hydrogen Bonds: Other Noncovalent Interactions. <i>Crystals</i> , 2020, 10, 180.	1.0	289
6	The Tautomerism of Heterocycles: Five-membered Rings with Two or More Heteroatoms. <i>Advances in Heterocyclic Chemistry</i> , 2000, 76, 157-323.	0.9	268
7	Cooperativity in multiple unusual weak bonds. <i>Theoretical Chemistry Accounts</i> , 2010, 126, 1-14.	0.5	254
8	On the Reliability of Pure and Hybrid DFT Methods for the Evaluation of Halogen, Chalcogen, and Pnictogen Bonds Involving Anionic and Neutral Electron Donors. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 5201-5210.	2.3	243
9	Water Clusters: Towards an Understanding Based on First Principles of Their Static and Dynamic Properties. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 717-721.	7.2	229
10	Bifurcated Hydrogen Bonds: Three-Centered Interactions. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9925-9932.	1.1	225
11	Photoinduced intramolecular proton transfer as the mechanism of ultraviolet stabilizers: a reappraisal. <i>Journal of the American Chemical Society</i> , 1990, 112, 747-759.	6.6	198
12	<i>N</i> -polyazolylmethanes. 1. Synthesis and nmr study of <i>N,N</i> -diazolylmethanes. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 1141-1145.	1.4	194
13	Carbon-13 magnetic resonance studies of azoles. Tautomerism, shift reagent effects, and solvent effects. <i>Journal of Organic Chemistry</i> , 1974, 39, 357-363.	1.7	191
14	Basicity and Acidity of Azoles. <i>Advances in Heterocyclic Chemistry</i> , 1987, , 187-274.	0.9	187
15	Charge-Transfer Complexes between Dihalogen Compounds and Electron Donors. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9278-9285.	1.1	187
16	Statistical analysis of ¹³ C and ¹⁵ N NMR chemical shifts from GIAO/B3LYP/6-311 + G** calculated absolute shieldings. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 797-800.	1.1	186
17	Molecular Complexes between Silicon Derivatives and Electron-Rich Groups. <i>Journal of Physical Chemistry A</i> , 2001, 105, 743-749.	1.1	182
18	Unusual Hydrogen Bonds: H...H Interactions. <i>Journal of Physical Chemistry A</i> , 1997, 101, 9457-9463.	1.1	180

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19	An Attractive Interaction between the π -Cloud of C ₆ F ₆ and Electron-Donor Atoms. <i>Journal of Organic Chemistry</i> , 1997, 62, 4687-4691.	1.7	176
20	Competition of Hydrogen Bonds and Halogen Bonds in Complexes of Hypohalous Acids with Nitrogenated Bases. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10856-10863.	1.1	170
21	Structures, Energies, Bonding, and NMR Properties of Pnictogen Complexes H ₂ X ₂ ·XP(NXH) ₂ (X = H, CH ₃ , NH ₂ , OH, F, Cl). <i>Journal of Physical Chemistry A</i> , 2011, 115, 13724-13731.	1.1	170
22	Beryllium Bonds, Do They Exist?. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 2763-2771.	2.3	158
23	Effect of N-substituents on the ¹³ C NMR parameters of azoles. <i>Magnetic Resonance in Chemistry</i> , 1988, 26, 134-151.	1.1	154
24	Theoretical Study of Strong Hydrogen Bonds between Neutral Molecules: The Case of Amine Oxides and Phosphine Oxides as Hydrogen Bond Acceptors. <i>Journal of Physical Chemistry A</i> , 1999, 103, 272-279.	1.1	154
25	Prototropic Tautomerism of Heterocycles: Heteroaromatic Tautomerism—General Overview and Methodology. <i>Advances in Heterocyclic Chemistry</i> , 2000, 76, 1-84.	0.9	154
26	IMPROVED SYNTHESIS OF POLYAZOLYLMETHANES UNDER SOLID-LIQUID PHASE-TRANSFER CATALYSIS. <i>Organic Preparations and Procedures International</i> , 1984, 16, 299-307.	0.6	146
27	Bond Length—Electron Density Relationships: From Covalent Bonds to Hydrogen Bond Interactions. <i>Structural Chemistry</i> , 1998, 9, 243-247.	1.0	143
28	Resonance-Assisted Hydrogen Bonds: A Critical Examination. Structure and Stability of the Enols of β -Diketones and β -Enaminones. <i>Journal of Physical Chemistry A</i> , 2007, 111, 3585-3591.	1.1	142
29	New ultraviolet stabilizers: 3- and 5-(2'-hydroxyphenyl)pyrazoles. <i>Journal of the American Chemical Society</i> , 1992, 114, 5039-5048.	6.6	139
30	Spodium Bonds: Noncovalent Interactions Involving Group 12 Elements. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17482-17487.	7.2	136
31	Pyrazoles. , 1996, , 1-75.		135
32	³¹ P— ³¹ P spin—spin coupling constants for pnictogen homodimers. <i>Chemical Physics Letters</i> , 2011, 512, 184-187.	1.2	132
33	Pnictogen Bonded Complexes of PO ₂ X (X = F, Cl) with Nitrogen Bases. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10497-10503.	1.1	129
34	Basicity and acidity of azoles: the annelation effect in azoles. <i>Journal of the American Chemical Society</i> , 1988, 110, 4105-4111.	6.6	127
35	Intramolecular Hydrogen Bonds in ortho-Substituted Hydroxybenzenes and in 8-Substituted 1-Hydroxynaphthalenes: Can a Methyl Group Be an Acceptor of Hydrogen Bonds?. <i>Journal of Physical Chemistry A</i> , 2001, 105, 10462-10467.	1.1	126
36	Do coupling constants and chemical shifts provide evidence for the existence of resonance-assisted hydrogen bonds?. <i>Molecular Physics</i> , 2004, 102, 2563-2574.	0.8	126

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37	Intermolecular triple proton and deuteron transfer in crystalline 3,5-dimethylpyrazole studied by NMR, NQR, and x-ray methods. <i>Journal of the American Chemical Society</i> , 1989, 111, 7304-7312.	6.6	123
38	¹³ C NMR of pyrazoles. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 107-168.	1.1	123
39	Basicity of N-H- and N-Methyl-1,2,3-triazoles in the Gas Phase, in Solution, and in the Solid State – An Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3013.	1.2	121
40	Electrostatic proximity effects in the relative basicities and acidities of pyrazole, imidazole, pyridazine, and pyrimidine. <i>Journal of the American Chemical Society</i> , 1986, 108, 3237-3239.	6.6	120
41	Tautomerism and aromaticity in 1,2,3-triazoles: the case of benzotriazole. <i>Journal of the American Chemical Society</i> , 1989, 111, 7348-7353.	6.6	119
42	Theoretical Study of the Influence of Electric Fields on Hydrogen-Bonded Acid-Base Complexes. <i>Journal of Physical Chemistry A</i> , 1997, 101, 9791-9800.	1.1	114
43	Experimental measurements and theoretical calculations of the chemical shifts and coupling constants of three azines (benzalazine, acetophenoneazine and cinnamaldazine). <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 859-864.	1.1	109
44	Observation of a series of degenerate cyclic double, triple, and quadruple proton transfers in solid pyrazoles. <i>Journal of the American Chemical Society</i> , 1992, 114, 9657-9659.	6.6	107
45	Are resonance-assisted hydrogen bonds –resonance assisted–? A theoretical NMR study. <i>Chemical Physics Letters</i> , 2005, 411, 411-415.	1.2	106
46	Influence of Hydrogen Bonds on the P-As-P Pnictogen Bond. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2320-2327.	2.3	106
47	Fluorescence of fullerenes (C ₆₀ and C ₇₀). <i>Journal of the American Chemical Society</i> , 1993, 115, 9249-9252.	6.6	105
48	Fluorine-Fluorine Interactions: NMR and AIM Analysis. <i>Structural Chemistry</i> , 2004, 15, 117-120.	1.0	103
49	Cooperativity in Tetrel Bonds. <i>Journal of Physical Chemistry A</i> , 2016, 120, 648-656.	1.1	103
50	Intermolecular Weak Interactions in HTeXH Dimers (X=O, S, Se, Te): Hydrogen Bonds, Chalcogen-Chalcogen Contacts and Chiral Discrimination. <i>ChemPhysChem</i> , 2012, 13, 496-503.	1.0	101
51	Very strong hydrogen bonds in neutral molecules: The phosphinic acid dimers. <i>Journal of Chemical Physics</i> , 1998, 109, 2685-2693.	1.2	100
52	Current Tröger's Base Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2007, 93, 1-56.	0.9	98
53	Substituent effects on the ¹⁵ N NMR Parameters of Azoles. , 1997, 35, 35-75.		96
54	Inverse Hydrogen-Bonded Complexes. <i>Journal of Physical Chemistry A</i> , 1997, 101, 4236-4244.	1.1	95

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55	Dynamic NMR Study of the Mechanisms of Double, Triple, and Quadruple Proton and Deuteron Transfer in Cyclic Hydrogen Bonded Solids of Pyrazole Derivatives. <i>Journal of the American Chemical Society</i> , 2004, 126, 11718-11732.	6.6	95
56	Dihydrogen bonds (Aâ€“Hâˆ•Hâ€“B). <i>Chemical Communications</i> , 1996, , 1633-1634.	2.2	94
57	Pnicogen-Bonded Cyclic Trimers (PH ₂ X) ₃ with X = F, Cl, OH, NC, CN, CH ₃ , H, and BH ₂ . <i>Journal of Physical Chemistry A</i> , 2013, 117, 4981-4987.	1.1	94
58	Supramolecular structure of 1H-pyrazoles in the solid state: a crystallographic and ab initio study. <i>Acta Crystallographica Section B: Structural Science</i> , 2000, 56, 1018-1028.	1.8	93
59	Synthesis, Characterization, Molecular Structure and Theoretical Studies of Axially Fluoroâ€“Substituted Subazaporphyrins. <i>Chemistry - A European Journal</i> , 2008, 14, 1342-1350.	1.7	93
60	Ab Initio Study of the Structural, Energetic, Bonding, and IR Spectroscopic Properties of Complexes with Dihydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2002, 106, 9325-9330.	1.1	90
61	Interplay of Fâ€“H ^{...</sup>F Hydrogen Bonds and P^{...</sup>N Pnicogen Bonds. <i>Journal of Physical Chemistry A</i>, 2012, 116, 9205-9213.}}	1.1	90
62	The geometry of pyrazole: A test forab initio calculations. <i>Journal of Computational Chemistry</i> , 1995, 16, 263-272.	1.5	89
63	Title is missing!. <i>Structural Chemistry</i> , 1998, 9, 187-202.	1.0	89
64	Dynamic intermolecular tautomerism of 3,5-dimethylpyrazole in the solid state by carbon-13 CP/MAS NMR spectroscopy and x-ray crystallography. <i>Journal of the American Chemical Society</i> , 1985, 107, 5290-5291.	6.6	87
65	Self-Discrimination of Enantiomers in Hydrogen-Bonded Dimers. <i>Journal of the American Chemical Society</i> , 2002, 124, 1488-1493.	6.6	86
66	Competition and Interplay between Îƒ-Hole and Î€-Hole Interactions: A Computational Study of 1:1 and 1:2 Complexes of Nitril Halides (O ₂ NX) with Ammonia. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5199-5206.	1.1	86
67	Theoretical study of the azido-tetrazole isomerization. <i>Journal of the American Chemical Society</i> , 1976, 98, 1685-1690.	6.6	85
68	Theoretical Study of Dihydrogen Bonds between (XH) ₂ , X = Li, Na, BeH, and MgH, and Weak Hydrogen Bond Donors (HCN, HNC, and HCCH). <i>Journal of Physical Chemistry A</i> , 2006, 110, 10279-10286.	1.1	85
69	Carbenes and Silylenes as Hydrogen Bond Acceptors. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19367-19370.	2.9	84
70	Atropisomerism and Axial Chirality in Heteroaromatic Compounds. <i>Advances in Heterocyclic Chemistry</i> , 2012, , 1-188.	0.9	84
71	Single Electron Pnicogen Bonded Complexes. <i>Journal of Physical Chemistry A</i> , 2014, 118, 947-953.	1.1	84
72	A Solid-State NMR, X-ray Diffraction, and ab Initio Computational Study of Hydrogen-Bond Structure and Dynamics of Pyrazole-4-Carboxylic Acid Chains. <i>Journal of the American Chemical Society</i> , 2001, 123, 7898-7906.	6.6	83

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73	New Chiral Molecular Tweezers with a Bis-Tröger's Base Skeleton. <i>Journal of Organic Chemistry</i> , 2001, 66, 1607-1611.	1.7	82
74	Substituent and solvent effects on the proton transfer equilibrium in anils and azo derivatives of naphthol. Multinuclear NMR study and theoretical calculations. <i>Journal of Molecular Structure</i> , 2004, 705, 1-9.	1.8	82
75	Non-Resonance-Assisted Hydrogen Bonding in Hydroxymethylene and Aminomethylene Cyclobutanones and Cyclobutenones and Their Nitrogen Counterparts. <i>ChemPhysChem</i> , 2007, 8, 1950-1958.	1.0	82
76	A ¹³ C NMR spectroscopy study of the structure of N-H pyrazoles and indazoles. <i>Canadian Journal of Chemistry</i> , 1993, 71, 678-684.	0.6	81
77	Do Traditional, Chlorine-shared, and Ion-pair Halogen Bonds Exist? An ab Initio Investigation of FCl:CNX Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12958-12962.	1.1	81
78	Modulating the Strength of Hydrogen Bonds through Beryllium Bonds. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 2293-2300.	2.3	81
79	Exploring (NH) ₂ F ₂ , H ₂ FP:NFH ₂ , and (PH) ₂ F ₂ Potential Surfaces: Hydrogen Bonds or Pnicogen Bonds?. <i>Journal of Physical Chemistry A</i> , 2013, 117, 183-191.	1.1	81
80	Effects of Nitrogen Substitution in Poly(Pyrazolyl)Borato Ligands: From Orbital Energy Levels to H ⁺ O Hydrogen Bonding. <i>Chemistry - A European Journal</i> , 1996, 2, 992-1000.	1.7	80
81	Bonding in Tropolone, 2-Aminotropone, and Aminotroponimine: No Evidence of Resonance-Assisted Hydrogen-Bond Effects. <i>Chemistry - A European Journal</i> , 2008, 14, 4225-4232.	1.7	80
82	Theoretical study of the HXYH dimers (X, Y = O, S, Se). Hydrogen bonding and chalcogen-chalcogen interactions. <i>Molecular Physics</i> , 2011, 109, 2543-2552.	0.8	80
83	Open Bis(triazolium) Structural Motifs as a Benchmark To Study Combined Hydrogen- and Halogen-Bonding Interactions in Oxoanion Recognition Processes. <i>Journal of Organic Chemistry</i> , 2014, 79, 6959-6969.	1.7	80
84	Structures, Binding Energies, and Spin-Spin Coupling Constants of Geometric Isomers of Pnicogen Homodimers (PHX) ₂ , X = F, Cl, CN, CH ₃ , NC. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3056-3060.	1.1	79
85	Title is missing!. <i>Helvetica Chimica Acta</i> , 2002, 85, 2763-2776.	1.0	78
86	Review on DFT and ab initio Calculations of Scalar Coupling Constants. <i>International Journal of Molecular Sciences</i> , 2003, 4, 64-92.	1.8	78
87	A review with comprehensive data on experimental indirect scalar NMR spin-spin coupling constants across hydrogen bonds. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 599-624.	1.1	78
88	The reaction between hydrazines and ¹² -dicarbonyl compounds: proposal for a mechanism. <i>Canadian Journal of Chemistry</i> , 2000, 78, 1109-1120.	0.6	77
89	How To Determine Whether Intramolecular H ⁺ Interactions Can Be Classified as Dihydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2008, 112, 2721-2727.	1.1	77
90	Pnicogen Bonds between X ₃ PH ₃ (X = O, S, NH, CH ₂) and Phosphorus and Nitrogen Bases. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1527-1537.	1.1	77

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91	Study of the reaction of chalcone analogs of dehydroacetic acid and o-aminothiophenol: synthesis and structure of 1,5-benzothiazepines and 1,4-benzothiazines. <i>Tetrahedron</i> , 2005, 61, 6642-6651.	1.0	76
92	Orthogonal interactions between nitril derivatives and electron donors: pnictogen bonds. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 14310.	1.3	75
93	Influence of Substituent Effects on the Formation of P-Cl Pnictogen Bonds or Halogen Bonds. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2360-2366.	1.1	75
94	Azolides. Part 12. Carbon-13 nuclear magnetic resonance study of N-methyl and N-acetyl derivatives of azoles and benzazoles. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1978, , 99.	0.9	74
95	GIAO Calculations of Chemical Shifts in Heterocyclic Compounds. <i>Structural Chemistry</i> , 2003, 14, 377-389.	1.0	74
96	Pnictogen and hydrogen bonds: complexes between PH ₃ X ⁺ and PH ₂ X systems. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3261-3272.	1.3	74
97	Effects of fluorine substitution on hydrogen bond interactions. <i>Journal of Fluorine Chemistry</i> , 2000, 101, 233-238.	0.9	73
98	Carbon-Carbon Weak Interactions. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8387-8393.	1.1	73
99	A computational study of the cooperativity in clusters of interhalogen derivatives. <i>Structural Chemistry</i> , 2009, 20, 63-71.	1.0	70
100	Influence of Lone Pair Repulsion vs Resonance Energy on the Relative Stabilities of Molecular Structures: A Theoretical Approach to the Equilibrium between 1H- and 2H-Benzotriazole Tautomers. <i>Journal of Organic Chemistry</i> , 1994, 59, 2799-2802.	1.7	69
101	Polymorphism and Desmotropy in Heterocyclic Crystal Structures. <i>Crystal Growth and Design</i> , 2011, 11, 4731-4738.	1.4	69
102	Acidity and Basicity of Indazole and its N-Methyl Derivatives in the Ground and in the Excited State. <i>The Journal of Physical Chemistry</i> , 1994, 98, 10606-10612.	2.9	68
103	Field effects on dihydrogen bonded systems. <i>Chemical Physics Letters</i> , 1997, 275, 423-428.	1.2	68
104	Pnictogen-Bonded Anionic Complexes. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3386-3392.	1.1	68
105	Large Chiral Recognition in Hydrogen-Bonded Complexes and Proton Transfer in Pyrrolo[2,3-b]pyrrole Dimers as Model Compounds. <i>Journal of Organic Chemistry</i> , 2003, 68, 7485-7489.	1.7	67
106	Periodic Trends in Bond Dissociation Energies. A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4359-4365.	1.1	67
107	Properties of Complexes H ₂ C(X)P:PXH ₂ , for X = F, Cl, OH, CN, NC, CCH, H, CH ₃ , and BH ₂ : P Pnictogen Bonding at If-Holes and I-Holes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11592-11604.	1.1	67
108	Phosphorus As a Simultaneous Electron-Pair Acceptor in Intermolecular P-N Pnictogen Bonds and Electron-Pair Donor to Lewis Acids. <i>Journal of Physical Chemistry A</i> , 2013, 117, 3133-3141.	1.1	66

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109	Orientation de la réaction d'alkylation des pyrazoles dans des conditions neutres et en catalyse par transfert de phase. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 137-142.	1.4	65
110	A study of the tautomerism of β^2 -dicarbonyl compounds with special emphasis on curcuminoids. <i>Tetrahedron</i> , 2008, 64, 8089-8094.	1.0	65
111	Characterizing Complexes with Pnictogen Bonds Involving sp^2 Hybridized Phosphorus Atoms: $(H_2C_2PX)_2$ with X = F, Cl, OH, CN, NC, CCH, H, CH_3 , and BH_2 . <i>Journal of Physical Chemistry A</i> , 2013, 117, 6893-6903.	1.1	65
112	Self-assembly of Ligands Designed for the Building of a New Type of [2 Å– 2] Metallic Grid. Anion Encapsulation and Diffusion NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2008, 47, 413-428.	1.9	64
113	The tautomerism of 3(5)-phenylpyrazoles: an experimental (1H , ^{13}C , ^{15}N NMR and X-ray crystallography) study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992, , 1737.	0.9	63
114	Enthalpies of Formation of N-Substituted Pyrazoles and Imidazoles. <i>Journal of Physical Chemistry A</i> , 1999, 103, 9336-9344.	1.1	63
115	Discrimination of hydrogen-bonded complexes with axial chirality. <i>Journal of Chemical Physics</i> , 2002, 117, 6463-6468.	1.2	63
116	Influence of Intermolecular Hydrogen Bonds on the Tautomerism of Pyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 1515-1519.	1.7	63
117	A theoretical study of the tautomerism and ionization of 5-substituted NH-tetrazoles. <i>Computational and Theoretical Chemistry</i> , 2004, 668, 123-132.	1.5	63
118	On the Existence of δ -Agostic Bonds: Bonding Analyses of Titanium Alkyl Complexes. <i>Organometallics</i> , 2006, 25, 5638-5647.	1.1	63
119	Structure of bis-, tris- and tetrakispyrazolylborates in the solid state (sodium and potassium salts of) <i>Chimica Acta</i> , 1990, 176, 195-204.	1.2	60
120	THE CHEMISTRY OF PYRAZOLIDINONES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1991, 23, 273-320.	0.6	60
121	The structure of halogeno-1,2,4-triazoles in the solid state and in solution. <i>New Journal of Chemistry</i> , 2001, 25, 1061-1068.	1.4	60
122	New Bis(chalcones) and Their Transformation into Bis(pyrazoline) and Bis(pyrazole) Derivatives. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 747-755.	1.2	60
123	Intramolecular pnictogen interactions in phosphorus and arsenic analogues of proton sponges. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15900-15909.	1.3	60
124	Atropisomerism and conformational aspects of <i>meso</i> -tetraarylporphyrins and related compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1-28.	0.4	59
125	The Pnictogen Bond in Review: Structures, Binding Energies, Bonding Properties, and Spin-Spin Coupling Constants of Complexes Stabilized by Pnictogen Bonds. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2015, , 191-263.	0.6	59
126	Experimental and theoretical study of the $R_3P^+-X^-$ bond. Case of betaines derived from N-iminophosphoranes and alkyl isocyanates. <i>Journal of the American Chemical Society</i> , 1989, 111, 355-363.	6.6	58

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127	Synthesis and molecular structure of 3-(2-benzyloxy-6-hydroxyphenyl)-5-styrylpyrazoles. Reaction of 2-styrylchromones and hydrazine hydrate. <i>Tetrahedron</i> , 1999, 55, 10187-10200.	1.0	58
128	The tautomerism of Omeprazole in solution: ^1H and ^{13}C NMR study. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 712-714.	1.1	58
129	The Structure of Pyrazoles in the Solid State: A Combined CPDAS, NMR, and Crystallographic Study. <i>Journal of Organic Chemistry</i> , 2006, 71, 6881-6891.	1.7	58
130	Homo- and heterochiral dimers $(\text{PHFX})_2$, X=Cl, CN, CH ₃ , NC: To what extent do they differ?. <i>Chemical Physics Letters</i> , 2012, 538, 14-18.	1.2	58
131	Hydrogen Bond vs Proton Transfer between Neutral Molecules in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2001, 105, 7481-7485.	1.1	57
132	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. <i>New Journal of Chemistry</i> , 2004, 28, 952-958.	1.4	57
133	The azido-tetrazole and diazo-1,2,3-triazole tautomerism in six-membered heteroaromatic rings and their relationships with aromaticity: Azines and perimidine. <i>Tetrahedron</i> , 2010, 66, 2863-2868.	1.0	57
134	<i>Polylazolylmethanes. III. Synthèse et étude rmn du proton des dérivés du méthylène-1,1,4-diiimidazole et du méthylène-1,1,4-dibenzimidazole. Journal of Heterocyclic Chemistry</i> , 1983, 20, 1245-1249.	1.4	56
135	Tautomerism and acidity in 4-quinolone-3-carboxylic acid derivatives. <i>Tetrahedron</i> , 1992, 48, 6135-6150.	1.0	56
136	Theoretical estimation of the annular tautomerism of indazoles. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 719-724.	0.9	56
137	Tris(pyrazol-1-yl)methane-rhodium(I) and -iridium(I) complexes; crystal structure of $[\text{Rh}(\text{COD})(\text{tpzm})][\text{RhCl}_2(\text{COD})]\cdot 3\text{CHCl}_3$. <i>Journal of Organometallic Chemistry</i> , 1988, 344, 93-108.	0.8	55
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