

# Josep Ros

## List of Publications by Year in descending order

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181  
papers

3,921  
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32  
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184  
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184  
docs citations

184  
times ranked

2943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid approach to obtain high-quality BaMO <sub>3</sub> perovskite nanocrystals. RSC Advances, 2020, 10, 28872-28878.	1.7	10
2	Using evolved gas analysis “ mass spectrometry to characterize adsorption on a nanoparticle surface. Nanoscale Advances, 2019, 1, 2740-2747.	2.2	4
3	Tunable Self-Assembly of YF <sub>3</sub> Nanoparticles by Citrate-Mediated Ionic Bridges. Journal of the American Chemical Society, 2018, 140, 2127-2134.	6.6	28
4	Tailoring the Synthesis of LnF <sub>3</sub> (Ln = La, Lu and Y) Nanocrystals via Mechanistic Study of the Coprecipitation Method. Langmuir, 2018, 34, 6443-6453.	1.6	5
5	Faceted Charge Patchy LnF <sub>3</sub> Nanocrystals with a Selective Solvent Interaction. Angewandte Chemie - International Edition, 2018, 57, 14747-14751.	7.2	4
6	Faceted Charge Patchy LnF <sub>3</sub> Nanocrystals with a Selective Solvent Interaction. Angewandte Chemie, 2018, 130, 14963-14967.	1.6	1
7	Simple Synthesis of Biocompatible Stable CeO <sub>2</sub> Nanoparticles as Antioxidant Agents. Bioconjugate Chemistry, 2018, 29, 2325-2331.	1.8	21
8	Novel Fe <sub>3</sub> O <sub>4</sub> @GNF@SiO <sub>2</sub> nanocapsules fabricated through the combination of an in situ formation method and SiO <sub>2</sub> coating process for magnetic resonance imaging. RSC Advances, 2017, 7, 24690-24697.	1.7	8
9	Dissimilar catalytic behavior of molecular or colloidal palladium systems with a new NHC ligand. Dalton Transactions, 2017, 46, 11768-11778.	1.6	9
10	Ultra-fast microwave-assisted reverse microemulsion synthesis of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell nanoparticles as a highly recyclable silver nanoparticle catalytic platform in the reduction of 4-nitroaniline. RSC Advances, 2016, 6, 88762-88769.	1.7	27
11	Unique nanostructural features in Fe, Mn-doped YBCO thin films. Superconductor Science and Technology, 2016, 29, 125009.	1.8	12
12	Bismuth nanoparticles integration into heavy metal electrochemical stripping sensor. Electrophoresis, 2015, 36, 1872-1879.	1.3	35
13	New approach towards the polyol route to fabricate MFe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles: The use of MCl <sub>2</sub> and Fe(acac) <sub>3</sub> as chemical precursors. Journal of Magnetism and Magnetic Materials, 2015, 382, 380-385.	1.0	15
14	Eco-friendly electrochemical lab-on-paper for heavy metal detection. Analytical and Bioanalytical Chemistry, 2015, 407, 8445-8449.	1.9	70
15	Induced shape controllability by tailored precursor design in thermal and microwave-assisted synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	14
16	New N-pyrazole, P-phosphine hybrid ligands and their reactivity towards Pd(II): X-ray crystal structures of complexes with [PdCl <sub>2</sub> (N,P)] core. Journal of Organometallic Chemistry, 2015, 799-800, 257-264.	0.8	5
17	Epitaxial YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> nanocomposite thin films from colloidal solutions. Superconductor Science and Technology, 2015, 28, 124007.	1.8	49
18	Design of New N-polyether Pyrazole Derived Ligands: Synthesis, Characterization and Regioselectivity. Current Organic Synthesis, 2014, 11, 149-155.	0.7	3

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19	Neutron and X-ray diffraction study of ferrite nanocrystals obtained by microwave-assisted growth. A structural comparison with the thermal synthetic route. <i>Journal of Applied Crystallography</i> , 2014, 47, 414-420.	1.9	42
20	Synthesis and structural characterization of new cyclopalladated compounds containing hybrid pyrazole ligands. <i>Inorganic Chemistry Communication</i> , 2014, 46, 234-236.	1.8	4
21	Palladium catalytic systems with hybrid pyrazole ligands in C-C coupling reactions. Nanoparticles versus molecular complexes. <i>Catalysis Science and Technology</i> , 2013, 3, 475-489.	2.1	27
22	Study of new metallomacrocyclic Pd(ii) complexes based on hybrid pyrazole sulfoxide/sulfone ligands and their contribution to supramolecular networks. <i>CrystEngComm</i> , 2013, 15, 1762.	1.3	10
23	Bismuth nanoparticles for phenolic compounds biosensing application. <i>Biosensors and Bioelectronics</i> , 2013, 40, 57-62.	5.3	89
24	One-pot synthesis of stable colloidal solutions of MFe <sub>2</sub> O <sub>4</sub> nanoparticles using oleylamine as solvent and stabilizer. <i>Materials Research Bulletin</i> , 2013, 48, 966-972.	2.7	39
25	Environmentally benign and selective synthesis of hybrid pyrazole sulfoxide and sulfone ligands. <i>New Journal of Chemistry</i> , 2013, 37, 1889.	1.4	9
26	Exploring the Versatility of N-Pyrazole, P-Phosphinite Hybrid Ligands against Pd(II). From Monomers and Dimers to One-Dimensional Chain, Two-Dimensional Layer Polymers and Three-Dimensional Networks. <i>Crystal Growth and Design</i> , 2012, 12, 6234-6242.	1.4	9
27	Anion Influence on the Structure of N,O-Hybrid Pyrazole Zn <sup>II</sup> , Cd <sup>II</sup> , and Hg <sup>II</sup> Complexes. Synthesis, Characterization, and Theoretical Studies. <i>Crystal Growth and Design</i> , 2012, 12, 3700-3708.	1.4	9
28	Facile and efficient one-pot solvothermal and microwave-assisted synthesis of stable colloidal solutions of MFe <sub>2</sub> O <sub>4</sub> spinel magnetic nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	70
29	Gold and silver nanoparticles surface functionalized with rhenium carbonyl complexes. <i>Materials Chemistry and Physics</i> , 2012, 137, 439-447.	2.0	8
30	Variable behaviour of flexible N,O-mixed pyrazole ligand towards Zn(ii), Cd(ii) and Hg(ii) ions. Synthesis, crystal structure and fluorescent properties. <i>CrystEngComm</i> , 2011, 13, 6457.	1.3	25
31	Synthesis, Structural Characterization and Spectroscopic Properties of 1,2-Bis[4-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxobutyl]benzene. <i>Journal of Chemical Crystallography</i> , 2011, 41, 721-726.	0.5	2
32	Preparation, separation and characterisation of two regioisomers of a N-hydroxyalkylpyridylpyrazole ligand: A structural investigation of their coordination to Pd(II), Pt(II) and Zn(II) centres. <i>Inorganica Chimica Acta</i> , 2011, 367, 35-43.	1.2	11
33	Study of the coordination behaviour of (3,5-diphenyl-1H-pyrazol-1-yl)ethanol against Pd(II), Zn(II) and Cu(II). <i>Inorganica Chimica Acta</i> , 2011, 373, 211-218.	1.2	11
34	Exploring the reactivity of an N-pyrazole, P-phosphine hybrid ligand with Cu(I), Ag(I) and Au(I) precursors. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2736-2741.	0.8	10
35	Synthesis, Characterization, and Photoluminescent Properties of ZnII, CdII, and HgII Complexes with N,O Hybrid Pyrazole Ligand. <i>Australian Journal of Chemistry</i> , 2010, 63, 958.	0.5	19
36	Synthesis, characterization and crystal structure of a novel two-dimensional network formed by the reaction of a pyrazole ligand with nickel(II) ions. <i>Polyhedron</i> , 2010, 29, 1083-1087.	1.0	16

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37	Reactivity of [PdCl <sub>2</sub> (bdtp)] (bdtp=1,5-bis(3,5-dimethyl-1-pyrazolyl)-3-thiapentane) with neutral and anionic ligands. <i>Polyhedron</i> , 2010, 29, 2318-2323.	1.0	3
38	Effect of N1-substituted pyrazolic hybrid ligands on palladium catalysts for the Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1957-1960.	0.8	23
39	Synthesis, X-ray crystal structure and NMR characterisation of mononuclear Pd(II) and Pt(II) complexes of didentate ligands with NN <sup>σ</sup> -donor set. <i>Inorganica Chimica Acta</i> , 2010, 363, 911-917.	1.2	12
40	Synthesis and Characterization of New N-Alkylamino-3,5-diphenylpyrazole Ligands and Reactivity Toward PdII and PtII. Study of the cis <sup>→</sup> trans Isomerization. <i>Australian Journal of Chemistry</i> , 2010, 63, 257.	0.5	10
41	Phenyl and Pyridyl Bis-Pyrazoles: Synthesis from the Bis(β-diketone) Precursors and Characterization by Analytical and Spectroscopic Methods. <i>Letters in Organic Chemistry</i> , 2010, 7, 178-181.	0.2	8
42	Aminopyrazole-Based Ligand Induces Gold Nanoparticle Formation and Remains Available for Heavy Metal Ions Sensing. A Simple <sup>→</sup> Mix and Detect <sup>→</sup> Approach. <i>Langmuir</i> , 2010, 26, 10165-10170.	1.6	39
43	Design of New N,O Hybrid Pyrazole Derived Ligands and Their Use as Stabilizers for the Synthesis of Pd Nanoparticles. <i>Langmuir</i> , 2010, 26, 15532-15540.	1.6	24
44	Reactivity of [PdCl( <sup>1</sup> / <sub>4</sub> -med)] <sub>2</sub> with monodentate anionic ligands. Structure of dinuclear complexes 2009, 362, 1528-1534.	1.2	6
45	Coordination compounds of Cd(II) with several bidentate-NN <sup>σ</sup> and tridentate-NN <sup>σ</sup> N nitrogen donor ligands. <sup>113</sup> Cd NMR studies of monomeric compounds containing nitrogen donor atoms. <i>Inorganica Chimica Acta</i> , 2009, 362, 2698-2703.	1.2	32
46	Reactivity of [PdCl(bdtp)](BF <sub>4</sub> ) with monodentate neutral and anionic ligands. Structure of [Pd(bdtp)(PPh <sub>3</sub> )](BF <sub>4</sub> ) <sub>2</sub> (bdtp=1,5-bis(3,5-dimethyl-1-pyrazolyl)-3-thiapentane). <i>Inorganica Chimica Acta</i> , 2009, 362, 3801-3806.	1.2	5
47	Preparation and characterisation of mononuclear Pd(II) complexes with 1,8-bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithiaoctane (bddo) ligand: Spectroscopy studies and crystal structure of trans-[Pd(SCN) <sub>2</sub> (bddo)]. <i>Polyhedron</i> , 2009, 28, 2165-2170.	1.0	10
48	Unexpected formation of [Pd(bedp)][Pd <sub>2</sub> Cl <sub>4</sub> ( <sup>1</sup> / <sub>4</sub> -SMe) <sub>2</sub> ] (bedp =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (1,4-bis[2-(3,5-dimethyl-1-pyrazolyl)ethyl]ethane-1,2-dithiolate) complexes: Synthesis, characterization and X-ray crystal structure determination. <i>Inorganic Chemistry Communication</i> , 2009, 12, 368-370.	1.8	6
49	Variable Coordination Behavior of New Hybrid Pyrazole Ligand: Synthesis and Characterization of Several Zn <sup>II</sup> , Cd <sup>II</sup> , Hg <sup>II</sup> , Pd <sup>II</sup> , Pt <sup>II</sup> , and Ni <sup>II</sup> Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 8736-8750.	1.9	34
50	Synthesis and Characterization of New Palladium(II) Complexes Containing N-Alkylamino-3,5-diphenylpyrazole Ligands. Crystal Structure of [PdCl(L <sub>2</sub> )](BF <sub>4</sub> ) {L <sub>2</sub> = Bis[2-(3,5-diphenyl-1-pyrazolyl)ethyl]ethylamine}. <i>Australian Journal of Chemistry</i> , 2009, 62, 475.	0.5	13
51	Cleavage of N <sup>σ</sup> CH <sub>2</sub> and unexpected formation of <sup>→</sup> bis(3,5-dimethyl-1-H-pyrazol-1-yl)methane (dmbpm): X-ray crystal structure of [PdCl <sub>2</sub> (dmbpm)]. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3940-3950.	0.8	2
52	Silver, gold and the corresponding core shell nanoparticles: synthesis and characterization. <i>Journal of Nanoparticle Research</i> , 2008, 10, 97-106.	0.8	37
53	New N-pyrazole, P-phosphinite hybrid ligands and corresponding Rh(I) complexes: X-ray crystal structures of complexes with [Rh, N, P-phosphinite, Cl, (CO)] core. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2132-2138.	0.8	12
54	Synthesis, characterization and X-ray crystal structure determination of cyclopalladated [Csp <sub>2</sub> N,N <sup>σ</sup> ] <sup>+</sup> , zwitterionic and chelated compounds in the reaction of 3,5-diphenyl-N-alkylaminopyrazole derived ligands with Pd(II). <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3396-3404.	0.8	28

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55	Synthesis of new palladium(II) complexes containing tetradentate-nitrogen donor ligands: Combined structural studies by NMR spectroscopy and X-ray crystallography. <i>Inorganica Chimica Acta</i> , 2008, 361, 2648-2658.	1.2	13
56	Synthesis of new platinum(II) compounds with several bidentate and tridentate nitrogen-donor ligands. Structural analyses by <sup>1</sup> H, <sup>13</sup> C{ <sup>1</sup> H} and <sup>195</sup> Pt{ <sup>1</sup> H} NMR spectroscopy and X-ray crystal structure. <i>Inorganica Chimica Acta</i> , 2008, 361, 2491-2498.	1.2	17
57	Coordination compounds of Zn(II) with several bidentate-NN <sup>2</sup> and tridentate-NN <sup>2</sup> N nitrogen donor ligands. <i>Inorganica Chimica Acta</i> , 2008, 361, 2923-2928.	1.2	24
58	Synthesis and Characterization of Metallomacrocyclic Palladium(II) Complexes with New Hybrid Pyrazole Ligands. Diffusion NMR Studies and Theoretical Calculations. <i>Inorganic Chemistry</i> , 2008, 47, 11084-11094.	1.9	27
59	Highly Efficient Pyridylpyrazole Ligands for the Heck Reaction. A Combined Experimental and Computational Study. <i>Organometallics</i> , 2008, 27, 1084-1091.	1.1	57
60	<i>trans</i> -Dichloridobis(triphenylphosphine)palladium(II) In memory of Professor Xavier Solans i Huguet, deceased September 3, 2007.. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m621-m621.	0.2	10
61	Lost writing uncovered by laser two-photon fluorescence provides a terminus post quem for Roman colonization of Hispania Citerior. <i>Journal of Archaeological Science</i> , 2007, 34, 1594-1600.	1.2	20
62	New (1-3-Allyl)palladium Complexes with Pyridylpyrazole Ligands: Synthesis, Characterization, and Study of the Influence of N1 Substituents on the Apparent Allyl Rotation. <i>Organometallics</i> , 2007, 26, 3183-3190.	1.1	40
63	Preparation and structural characterisation of a Cd(II) complex with unusual geometry. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1554-1556.	1.8	12
64	Pd(II) complexes containing N-alkyl-3-pyridine-5-trifluoromethyl pyrazole ligands: Synthesis, NMR studies and X-ray crystal structures. <i>Inorganica Chimica Acta</i> , 2007, 360, 625-637.	1.2	28
65	Synthesis of new platinum(II) complexes containing hybrid thioether-pyrazole ligands: Structural analysis by <sup>1</sup> H and <sup>13</sup> C{ <sup>1</sup> H} NMR spectroscopy and X-ray crystal structures. <i>Inorganica Chimica Acta</i> , 2007, 360, 2071-2082.	1.2	16
66	New Pt(II) complexes containing hemilabile thioether-pyrazole ligands. Structural analysis by <sup>1</sup> H, <sup>13</sup> C{ <sup>1</sup> H} and <sup>195</sup> Pt{ <sup>1</sup> H} NMR spectroscopy and crystal structure of [PtCl(bdtp)](BPh <sub>4</sub> ) [bdtp=1,5-bis(3,5-dimethyl-1-pyrazolyl)-3-thiapentane]. <i>Polyhedron</i> , 2007, 26, 2498-2506.	1.0	15
67	Preparation, NMR studies and crystal structure of mononuclear and dinuclear Pd(II) and Pt(II) complexes that contain 1,2-bis[3-(3,5-dimethyl-1-pyrazolyl)-2-thiapropyl]benzene. <i>Polyhedron</i> , 2007, 26, 2921-2928.	1.0	16
68	Synthesis, Structural Characterization and Spectroscopic Properties of [Pt(bddn)]Cl <sub>2</sub> ·3.5H <sub>2</sub> O (bddn=1,9-bis(3,5-dimethyl-1-pyrazolyl)-3,7-dithianonane). <i>Journal of Chemical Crystallography</i> , 2007, 37, 801-805.	0.5	6
69	Reaction of 2-hydroxyethylhydrazine with a trifluoromethyl-1,2-diketone: Study and structural characterization of a new 5-hydroxy-5-trifluoromethyl-4,5-dihydropyrazole intermediate. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 1007-1011.	0.9	29
70	Crystal and electrochemical properties of water dispersed CdS nanocrystals obtained via reverse micelles and arrested precipitation. <i>Nanotechnology</i> , 2006, 17, 2553-2559.	1.3	18
71	Diphenylphosphinopyridine (PPh <sub>2</sub> Py) versus 2-(2-diphenylphosphinomethyl)pyridine (PPh <sub>2</sub> CH <sub>2</sub> Py) in the coordination to ruthenium centres: Study of the reaction of PPh <sub>2</sub> Py containing formate-bridged dinuclear Ru(I) complexes and PPh <sub>2</sub> CH <sub>2</sub> Py containing mononuclear formate Ru(II) complexes with dithioles. <i>Inorganica Chimica Acta</i> , 2006, 359, 745-752.	1.2	11
72	Preparation and structural characterisation of the compound [MeC <sub>5</sub> H <sub>4</sub> NCOOH][ZnCl <sub>3</sub> (H <sub>2</sub> O)]·[MeC <sub>5</sub> H <sub>4</sub> NCOO]H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , 2006, 359, 379-382.	1.2	10

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73	Reaction of $[MCl_2(CH_3CN)_2]$ ( $M=Pd(II), Pt(II)$ ) compounds with N1-alkylpyridylpyrazole-derived ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 25-34.	1.2	20
74	Synthesis of new palladium(II) compounds with several bidentate nitrogen-donor ligands: Structural analyses by $^1H$ and $^{13}C\{^1H\}$ NMR spectroscopy and crystal structures. <i>Inorganica Chimica Acta</i> , 2006, 359, 2343-2349.	1.2	21
75	New cationic palladium(II) compounds with several bidentate nitrogen-donor ligands: Synthesis, spectroscopic analyses and X-ray crystal structure. <i>Inorganica Chimica Acta</i> , 2006, 359, 2226-2231.	1.2	9
76	Exploring the coordination chemistry and reactivity of hemilabile N-alkylaminopyrazole ligands towards Pd(II). <i>Inorganica Chimica Acta</i> , 2006, 359, 4477-4482.	1.2	25
77	A Theoretical Study on PdII Complexes Containing Hemilabile Pyrazole-Derived Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 447-454.	1.0	18
78	Synthesis of New Palladium(II) Complexes Containing HemilabileN-(Alkylamino)pyrazole Ligands: Spectroscopic Analysis and Crystal Structure of $[PdCl(ddae)]Cl \cdot H_2O$ {ddae = Bis[2-(3,5-dimethyl-1-pyrazolyl)ethyl]ethylamine}. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1678-1685.	1.0	31
79	Synthesis and characterisation of palladium(II) and platinum(II) compounds containing pyrazole-derived ligands: crystal structure of $[PdCl_2(HL1)]$ ( $HL1=3$ -phenyl-5-(2-pyridyl)pyrazole). <i>Inorganica Chimica Acta</i> , 2005, 358, 617-622.	1.2	29
80	Synthesis, spectroscopic properties and structural characterisation of Pd(II) and Pt(II) complexes with 1,3,5-pyrazole derived ligands. Rotation around the metal-N bond. <i>Inorganica Chimica Acta</i> , 2005, 358, 2312-2318.	1.2	31
81	Synthesis and characterisation of new N1-alkyl-3,5-dipyridylpyrazole derived ligands. Study of their reactivity with Pd(II) and Pt(II). <i>Inorganica Chimica Acta</i> , 2005, 358, 2763-2769.	1.2	25
82	Stereochemical structure determination of p-cymene Ru(II) complexes containing the PPh <sub>2</sub> Py ligand with 2-D NOESY and HMQC NMR experiments. <i>Inorganica Chimica Acta</i> , 2005, 358, 3272-3276.	1.2	17
83	Regioselective formation of N-alkyl-3,5-pyrazole derived ligands. A synthetic and computational study. <i>Tetrahedron</i> , 2005, 61, 12377-12385.	1.0	20
84	Synthesis and characterisation of new pyrazole-phosphinite ligands and their ruthenium(II) arene complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4072-4079.	0.8	52
85	Study of the reactivity of tris(pyrazolyl)amine and bis(pyrazolyl)amine ligands toward Rh(I). Crystal structure of $[Rh_3Cl_3(cod)_3tdma] \cdot CH_3CN$ ( $tdma=tris[(3,5-dimethyl-1-pyrazolyl)methyl]amine$ ), a C <sub>3</sub> -symmetric compound. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 980-986.	0.8	14
86	[1,9-Bis(3,5-dimethylpyrazol-1-yl)-N <sub>2</sub> ]-3,7-dithianonane-2S,S $\epsilon^2$ ]palladium(II) bis(tetrafluoroborate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1087-m1089.	0.2	9
87	Synthesis and characterisation of pyrazolic palladium compounds containing alcohol functionality. <i>Inorganica Chimica Acta</i> , 2004, 357, 733-738.	1.2	26
88	Reactivity of $[PdCl(\frac{1}{4}\text{-med})]_2$ with monodentate or bidentate ligands. Structure of the dinuclear complexes $[Pd(\frac{1}{4}\text{-med})(PPh_3)]_2(BF_4)_2$ and $[Pd(\frac{1}{4}\text{-med})(bpy)]_2(BF_4)_2$ . [ $Hmed=N$ -(2-mercaptoethyl)-3,5-dimethylpyrazole]. <i>Inorganica Chimica Acta</i> , 2004, 357, 571-580.	1.2	27
89	Reactivity of the ligand bis[2-(3,5-dimethyl-1-pyrazolyl)ethyl]ether (L1) with Pd(II) and Pt(II): crystal structure of cis- $[PtCl_2(L1)]$ . <i>Inorganica Chimica Acta</i> , 2004, 357, 827-833.	1.2	25
90	Rh(I) complexes containing tris(pyrazolyl)amine and bis(pyrazolyl)amine ligands: synthesis and NMR studies. <i>Inorganica Chimica Acta</i> , 2004, 357, 2899-2904.	1.2	20

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91	Zinc complexes of 6-methyl-2-pyridinecarboxylic acid. Crystal structure of [Zn(MeC <sub>5</sub> H <sub>3</sub> NCOO) <sub>2</sub> (H <sub>2</sub> O)]·H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , 2004, 357, 3789-3792.	1.2	24
92	Coordination properties of N <sub>2</sub> S (1,5-bis(3,5-dimethyl-1-pyrazolyl)-3-thiapentane) or N <sub>2</sub> S <sub>2</sub> (1,8-bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithiaoctane) or Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (1,2-bis[3-(3,5-dimethyl-1-pyrazolyl)]-3,6-dithiaoctane). <i>Organometallic Chemistry</i> , 2004, 689, 1599-1608.	0.8	20
93	Unexpected Influence of the Counteranion in the $\eta^2$ vs $\eta^3$ Hapticity of Polydentate N-Donor Ligands in [Rh(N-ligand)L <sub>2</sub> ] <sup>+</sup> Complexes. <i>Organometallics</i> , 2004, 23, 5530-5539.	1.1	18
94	Synthesis, Characterisation, and X-ray Crystal Structure of New NiII, PdII, and PtII Complexes of Tridentate Pyrazole-Based Ligands with an NOS-Donor Set. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2992-3000.	1.0	35
95	Synthesis of New PdII Complexes Containing a Thioether-Pyrazole Hemilabile Ligand Structural Analysis by <sup>1</sup> H, <sup>13</sup> C NMR Spectroscopy and Crystal Structure of [PdCl(bdtp)]BF <sub>4</sub> [bdtp = 1,5-Bis(3,5-dimethyl-1-pyrazolyl)-3-thiapentane]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3952-3957.	1.0	29
96	Synthesis and characterisation of palladium compounds with new polyetherpyrazole ligands. <i>Inorganica Chimica Acta</i> , 2003, 346, 151-157.	1.2	28
97	Synthesis, X-ray crystal structure, and NMR characterisation of thiolate-bridged dinuclear Ni(II), Pd(II) and Pt(II) complexes of didentate ligands with NS-donor set. <i>Inorganica Chimica Acta</i> , 2003, 355, 87-94.	1.2	32
98	Reaction of platinum(II) derivatives with 1-hydroxyalkyl-3,5-dimethylpyrazole ligands. Cleavage of the N(pz)-C(sp <sup>3</sup> ) bond. X-ray crystal structure of cis-[PtCl <sub>2</sub> (HL <sub>2</sub> ) <sub>2</sub> ] (HL <sub>2</sub> =1-(2-hydroxyethyl)-3,5-dimethylpyrazole) and trans-[PtCl <sub>2</sub> (dmpz) <sub>2</sub> ] (dmpz=3,5-dimethylpyrazole). <i>Inorganica Chimica Acta</i> , 2003, 355, 254-263.	1.2	42
99	Synthesis of Ru(II) complexes of the new 1-[(P-diphenyl)-2-phosphinoethyl]-3,5-dimethylpyrazole ligand and study of their reactivity toward terminal alkynes. <i>Journal of Organometallic Chemistry</i> , 2003, 667, 126-134.	0.8	34
100	New stable cyclopentadienyl iron(II) complexes containing 3,5-dimethylpyrazolyl phosphine. <i>Journal of Organometallic Chemistry</i> , 2003, 676, 38-42.	0.8	12
101	Improved synthesis of di- and trinuclear iron carbonyl complexes containing bridging diphenylethenyl ligand. <i>Journal of Organometallic Chemistry</i> , 2003, 678, 117-121.	0.8	3
102	Study of the bonding properties of the bis[2-(3,5-dimethyl-1-pyrazolyl)ethyl]ether toward Rh(I): an hemilabile ligand exhibiting $\eta^3$ N,N,O meridional or facial coordination mode. <i>Journal of Organometallic Chemistry</i> , 2003, 682, 233-239.	0.8	17
103	Synthesis and structure of a copper(II) tetranuclear complex of 3-(6-methyl-2-pyridyl)-5-(2-pyridyl)pyrazole ligand. <i>Inorganic Chemistry Communication</i> , 2003, 6, 833-836.	1.8	24
104	New dinuclear Pd(II) complex with pyrazolate bridges. Synthesis and crystal structure of [Pd( $\eta^4$ -pz)(pzH) <sub>2</sub> ] <sub>2</sub> (BF <sub>4</sub> ) <sub>2</sub> (pzH=pyrazole). <i>Inorganic Chemistry Communication</i> , 2003, 6, 922-925.	1.8	25
105	Aqua( $\eta^4$ -1,5-cyclooctadiene)[1-(2-methoxyethoxymethyl)-3,5-dimethylpyrazole]rhodium(I) tetrafluoroborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m658-m660.	0.2	3
106	Reactivity of 2-Pyridinecarboxylic Esters with Cadmium(II) Halides: A Study of <sup>113</sup> Cd NMR Solid State Spectra and Crystal Structures of Hexacoordinated Complexes [CdI <sub>2</sub> (C <sub>5</sub> H <sub>4</sub> NCOOMe) <sub>2</sub> ] and [CdI <sub>2</sub> (C <sub>5</sub> H <sub>4</sub> NCOOPrn) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 2003, 42, 7403-7409.	1.9	18
107	Synthesis of a New Potentially Hemilabile Ligand: 1-[2-(Diphenylphosphanyl)ethyl]-3,5-dimethylpyrazole, and Comparison of Its Bonding Properties with the Related 1-[2-(Ethylamino)ethyl]-3,5-dimethylpyrazole Ligand toward RhI. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2999-3006.	1.0	43
108	Synthesis of New PdII Complexes Containing Thioether Pyrazole Hemilabile Ligands Structural Analysis by <sup>1</sup> H and <sup>13</sup> C NMR Spectroscopy and Crystal Structures of [PdCl <sub>2</sub> (bddo)] and [Pd(bddo)](BF <sub>4</sub> ) <sub>2</sub> [bddo = 1,8-Bis(3,5-dimethyl-1-pyrazolyl)-3,6-dithiaoctane]. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 3319-3327.	1.0	49

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110	Reactions of acylferrate anion $[\text{CH}_3\text{COFe}(\text{CO})_4]^-$ with methyl methyl iodide and acetylenes. <i>Synthesis Journal of Organometallic Chemistry</i> , 2002, 642, 107-112.	0.8	15
111	Synthesis and structural characterisation of a new cobalt(II) pentanuclear complex with a tetranucleating pyrazole-derived ligand. <i>Inorganic Chemistry Communication</i> , 2002, 5, 130-133.	1.8	15
112	Pyrazolic palladium compounds containing alcohol functionality: hindered rotation around Pd—N bond. <i>Inorganica Chimica Acta</i> , 2002, 340, 49-55.	1.2	39
113	Ni(II) complexes with pyrazole-derived ligands. Crystal structures of $[\text{Ni}(\text{HLO})_2\text{Cl}(\text{H}_2\text{O})][\text{Ni}(\text{HLO})_2(\text{H}_2\text{O})_2]\text{Cl} \cdot 3\text{H}_2\text{O} \cdot \text{CH}_3\text{OH} \cdot \text{H}_2\text{O}$ and $[\text{Ni}(\text{HL}1)_2(\text{H}_2\text{O})_2]\text{Br} \cdot 2.5\text{DMF}$		

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128	Synthesis and Reactivity of Ferrocenecarboxylate Ruthenium(II) Complexes. Catalytic Synthesis of a Ferrocenecarboxylic Enol Ester. <i>Organometallics</i> , 1998, 17, 4551-4555.	1.1	24
129	Reactions of Ru(HC≡CHR)Cl(CO)(PPh <sub>3</sub> ) <sub>2</sub> with functionalized carboxylates. Crystal structure of Ru(HC≡CPh)(O <sub>2</sub> Ci-CHi-CHi-CHi-CH <sub>3</sub> )(CO)(PPh <sub>3</sub> ) <sub>2</sub> . <i>Inorganica Chimica Acta</i> , 1995, 231, 181-186. <sup>1,2</sup>	1.2	13
130	Substitution reactions of dinuclear alkenyl-bridged iron-cobalt complexes with alkynylphosphines and diphosphines. <i>Inorganica Chimica Acta</i> , 1995, 232, 75-81.	1.2	9
131	The structure of [Co <sub>2</sub> (CO) <sub>5</sub> ( $\eta$ -4-CPhCHCHCPh)] a cobalt analogue of the $\eta$ -ferroles <sup>TM</sup> . <i>Journal of Organometallic Chemistry</i> , 1995, 489, C65-C67.	0.8	10
132	Synthesis of Thiolate-Bridged Ruthenium(I) Complexes. The Crystal Structure of [Ru <sub>2</sub> ( $\mu$ -S <sub>2</sub> (CH <sub>2</sub> ) <sub>3</sub> )(CO) <sub>4</sub> (PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 1995, 34, 6211-6214.	1.9	9
133	Study of the reactivity of the carbon-carbon triple bond in (CO) <sub>5</sub> M( $\eta$ -C(OEt)( $\eta$ -1/4CPh) complexes (M = Cr or Ti) and build up of heterotrimetallic clusters (Co) bridged by the carbyne ligands C-C(OEt)( $\eta$ -CPh)-C(O)- or C-CPh( $\eta$ -C(OEt)-C(O)-. <i>Journal of Organometallic Chemistry</i> , 1994, 464, 219-223.	0.8	12
134	Unexpected $\pi$ -O bond formation in the reaction of PPh <sub>2</sub> Cl with the triiron cluster [PPh <sub>4</sub> ][Fe <sub>3</sub> (CO) <sub>9</sub> ( $\mu$ -H)( $\mu$ -CMe <sub>2</sub> CPh)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1667-1668.	2.0	2
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136	Substitution reactions of dinuclear alkenyl-bridged iron-cobalt complexes with phosphines. Crystal structures of [(CO) <sub>3</sub> Fe( $\eta$ -Co(CO) <sub>2</sub> (PMe <sub>2</sub> Ph)]( $\eta$ -1/4-C(CO <sub>2</sub> Me) $\eta$ -C(CO <sub>2</sub> Me)H) and <i>Inorganic Chemistry</i> , 1992, 31, 423, 65-82.	0.8	10
137	Reactions of alkenyl and alkynyl ruthenium(II) complexes with isocyanides: Synthesis of $\eta$ -1, $\eta$ -2-unsaturated $\eta$ -1-acylruthenium(II) complexes and X-ray structure of [Ru( $\eta$ -1/4CPh)(CN+Bu) <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ]PF <sub>6</sub> . <i>Journal of Organometallic Chemistry</i> , 1992, 426, 383-398.	0.8	37
138	Conjugate additions to alkynylalkoxycarbene metal (Cr or W) complexes. <i>Journal of Organometallic Chemistry</i> , 1992, 440, 79-90.	0.8	29
139	Synthesis and x-ray crystal structure of [Fe <sub>2</sub> (CO) <sub>6</sub> ( $\mu$ -CO)( $\mu$ -PhC:CPhH)( $\mu$ -AuPPh <sub>3</sub> ): first example of a highly asymmetric triangular Fe <sub>2</sub> Au system. <i>Inorganic Chemistry</i> , 1991, 30, 3973-3976.	1.9	22
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142	The formation of alkenedithiocarboxylate and alkenecarboxylate ligands by insertion of CS <sub>2</sub> and CO <sub>2</sub> into ruthenium(II)-alkenyl bonds. <i>Journal of Organometallic Chemistry</i> , 1991, 408, 233-239.	0.8	19
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144			

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145	Ruthenium(II) alkenyl complexes with sulphur chelated ligands. <i>Polyhedron</i> , 1991, 10, 421-427.	1.0	23
146	Synthesis of $\text{Fe}_2(\text{CO})_6(\eta^{1/4}\text{-C}_5\text{H}_5\text{C}_2\text{COEtH})$ complexes ( $\text{R} = \text{R}' = \text{Ph}$ ; $\text{R} = \text{Ph}$ , $\text{R}' = \text{Me}$ ). New products resulting from the action of $[\text{Et}_3\text{O}][\text{BF}_4]$ on a mixture of di- and tri-nuclear anionic iron complexes containing a bridging ethene or alkyne ligand. <i>Journal of Organometallic Chemistry</i> , 1990, 388, 169-174.	0.8	6
147	Reaction of $\text{Ru}(\text{CO})\text{Cl}(\text{R}'\text{-}\eta^2\text{-CHR})\text{(PPh}_3)_2$ with the 3,3-dimethylacrylate anion. The molecular structure of $\text{Ru}(\text{O}_2\text{CCH}_2\text{-}\eta^2\text{-CMe}_2)(\text{CO})(\text{C}(\text{CO}_2\text{Me})\text{-}\eta^2\text{-CH}(\text{CO}_2\text{Me}))\text{(PPh}_3)_2$ . <i>Polyhedron</i> , 1990, 9, 907-911.	1.0	21
148	Synthesis and structure of a phosphido-ethylidyne bridged triiron cluster. <i>Inorganica Chimica Acta</i> , 1990, 168, 1-2.	1.2	5
149	Reactions of $\text{Ru}(\text{CO})\text{Cl}(\text{R}'\text{-}\eta^2\text{-CHR})\text{(PPh}_3)_2$ with carboxylates. The crystal structure of $\text{Ru}(\text{O}_2\text{CMe})(\text{CO})(\text{HC}\equiv\text{CPh})\text{(PPh}_3)_2$ . <i>Journal of Organometallic Chemistry</i> , 1990, 385, 379-386.	0.8	37
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151	Synthesis of dinuclear alkenyl-bridged iron <sup>II</sup> nickel and diiron complexes. The crystal structure of $[\text{Fe}_2(\text{CO})_4(\text{C}_5\text{H}_5)(\eta^{1/4}\text{-CO})(\eta^{1/4}\text{-CPh})]$ . <i>Journal of Organometallic Chemistry</i> , 1990, 395, 305-314.	0.8	15
152	Carbon-carbon bond formation at diiron centres V. Synthesis of anionic vinyl-bridged diiron complexes and their reactivity toward alkynes. <i>Journal of Organometallic Chemistry</i> , 1990, 389, 197-203.	0.8	15
153	Synthesis and structure of diiron compounds containing both diphenylphosphido and ethenyl		

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164	Synthesis and crystal structure of $\eta^4$ -chloro- $\eta^4$ -(diphenylethenyl)hexacarbonyldiiron( $\text{Fe}_2$ ). <i>Journal of Organometallic Chemistry</i> , 1986, 307, C7-C9.	0.8	10
165	Synthesis and crystal structure of a heterodinuclear complex with a bridged ethenyl ligand $\text{FeCo}(\text{CO})_7(\eta^4\text{-CH=CPhH})$ . <i>Journal of Organometallic Chemistry</i> , 1986, 315, C22-C24.	0.8	13
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168	Synthesis, structure and properties of syn-bis( $\eta^4$ -N-methylpiperidine-4-thiolate tricarbonyl iron). <i>Inorganica Chimica Acta</i> , 1986, 119, 55-59.	1.2	9
169	Insertion reactions of acetylenes with hydridocarbonyl-chlorotris(triphenylphosphine)ruthenium(II). X-ray structure of carbonylchloro(cis-1,2-diphenylethenyl)bis(triphenylphosphine)ruthenium(II). <i>Journal of Organometallic Chemistry</i> , 1986, 309, 169-177.	0.8	160
170	Complexes of N-methyl-4-mercaptopyperidine with some metal ions. <i>Polyhedron</i> , 1985, 4, 485-487.	1.0	4
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174	Synthesis and characterization of 1-Methyl-4-mercaptopyperidine complexes of nickel(II), palladium(II) and platinum(II). <i>Transition Metal Chemistry</i> , 1984, 9, 345-347.	0.7	4
175	Iron(III) complexes with N-Methyl-4-mercaptopyperidine. <i>Transition Metal Chemistry</i> , 1984, 9, 355-357.	0.7	0
176	Study of the reactivity of $[\text{Fe}_2(\text{CO})_6(\mu\text{-CO})(\mu\text{-CPhCPhH})]$ - toward the $\text{MeOC}(\text{O})\text{C}\equiv\text{CC}(\text{O})\text{OMe}$ and $\text{CF}_3\text{C}\equiv\text{CCF}_3$ alkynes. Crystal structure of the products resulting from two different modes of combination of the alkynes with the bridging ligands $[\text{Fe}_2(\text{CO})_6(\mu\text{-C}(\text{C}(\text{O})\text{OMe})\text{C}(\text{C}(\text{O})\text{OMe})\text{C}(\text{O})\text{CPhCPhH})]$ - and $[\text{Fe}_2(\text{CO})_6(\mu\text{-CPhCPhC}(\text{CF}_3)\text{C}(\text{CF}_3)\text{H})]$ -. <i>Reactivity of <math>[\text{Fe}_2(\text{CO})_6(\mu\text{-CO})(\mu\text{-CHCH}_2)]</math>- toward</i>	1.1	18
177	Reactivity of $[\text{Fe}_2(\text{CO})_6(\mu\text{-CO})(\mu\text{-CHCH}_2)]$ - toward dicobalt octacarbonyl: synthesis of a mixed dinuclear iron cobalt bridged vinyl complex $\text{FeCo}(\text{CO})_7(\mu\text{-CHCH}_2)$ and its thermal conversion into a bridged vinylalkylidene mixed trinuclear cluster $\text{FeCo}_2(\text{CO})_9(\mu\text{-}3\text{-CCH}_2)$ and an ethylidyne mixed trinuclear cluster $\text{Fe}_2\text{Co}(\text{CO})_{10}(\mu\text{-}3\text{-CCH}_3)$ . <i>Organometallics</i> , 1983, 2, 771-772.	1.1	23
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180	Synthesis and crystal and molecular structure of {bis[4-N-methylpiperidinium]disulfide}tetrachlorocuprate(II). <i>Inorganica Chimica Acta</i> , 1981, 49, 263-267.	1.2	9

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