

# Jose A Campo

## List of Publications by Year in descending order

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78  
papers

1,303  
citations

361413

20  
h-index

477307

29  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Columnar discotic Pt(II) metallomesogens as luminescence multifunctional materials with chemo and thermosensor abilities. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9167-9181.	5.5	51
2	Silver and gold luminescent metallomesogens based on pyrazole ligands. <i>Dalton Transactions</i> , 2008, , 6912.	3.3	49
3	Chemistry of Rh(I) complexes based on mesogenic 3,5-disubstituted pyrazole ligands. X-ray crystal structures of 3,5-di(4-n-butoxyphenyl)pyrazole (Hpzbp2) and [Rh( $\eta^5$ -pzR <sub>2</sub> )(CO) <sub>2</sub> ] <sub>2</sub> (R=C <sub>6</sub> H <sub>4</sub> OC <sub>n</sub> H <sub>2n+1</sub> , n=10, 10478431	1.4	47
4	3-[4-Phenoxyphenyl]pyrazole (Hpzpp) and 3-[4-butoxyphenyl]pyrazole (Hpzbp) in rhodium chemistry crystal structures of 3-[4-phenoxyphenyl]pyrazole, and [Rh( $\eta^5$ -pzbp)(COD)] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 1997, 534, 159-172.	1.8	42
5	Silver(II) pyrazole complexes as hybrid multifunctional materials with metallomesogenic and photoluminescent behaviour. <i>Dalton Transactions</i> , 2013, 42, 2107-2120.	3.3	42
6	Multi-stimuli-responsive Properties of Aggregation-enhanced Emission-active Unsymmetrical Pt(II) Metallomesogens through Self-assembly. <i>Chemistry - A European Journal</i> , 2019, 25, 12046-12051.	3.3	40
7	Silver and Gold Trinuclear Complexes Based on 3-Substituted or 3,5-Disubstituted Pyrazolato Ligands. X-Ray Crystal Structure of cyclo-Tris( $\eta^5$ -[3,5-bis(4-phenoxyphenyl)-1H-pyrazolato- $\eta^5$ -N <sub>1</sub> ]-trigold Dichloromethane ([Au( $\eta^5$ -)3...CH <sub>2</sub> Cl <sub>2</sub> ]). <i>Helvetica Chimica Acta</i> , 2004, 87, 250-263.	1.6	35
8	Polymorphism and metal-metal interactions on [Rh(Cl)(CO) <sub>2</sub> (HpzR)] complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 633, 91-104.	1.8	33
9	Polycatenar pyrazole and pyrazolate ligands as building blocks of new columnar Pd(II) metallomesogens. <i>Dalton Transactions</i> , 2014, 43, 8849.	3.3	33
10	Platinum(II) Metallomesogens: New External-stimuli-responsive Photoluminescence Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 10168-10178.	3.3	33
11	Silver pyrazole complexes with tunable liquid crystals and luminescent properties. <i>New Journal of Chemistry</i> , 2010, 34, 2766.	2.8	31
12	Mesogenic Pd(II) complexes based on 3-substituted pyrazol ligands. <i>Inorganic Chemistry Communication</i> , 2002, 5, 887-890.	3.9	30
13	Liquid crystal behavior induced in highly luminescent unsymmetrical borondifluoride $\beta^2$ -diketonate materials. <i>Inorganica Chimica Acta</i> , 2012, 381, 124-136.	2.4	30
14	(Pyrazole)silver(I) and -gold(I) Complexes with Strong and Weak Hydrogen-Bonding Interactions as the Basis of One- or Two-Dimensional Structures. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3089-3098.	2.0	29
15	Bridged 3,5-disubstituted pyrazolate ligands as support of metallomesogens containing [Pd( $\eta^5$ -C <sub>3</sub> H <sub>5</sub> )] <sup>+</sup> fragments. <i>Journal of Organometallic Chemistry</i> , 2003, 682, 26-34.	1.8	28
16	Regular paper. <i>Journal of Organometallic Chemistry</i> , 1996, 526, 341-350.	1.8	27
17	Bulky pyrazole as ligands in rhodium(I) complexes. Crystal structure of chlorodicarbonyl (3-p-methoxyphenylpyrazole)rhodium(I). <i>Polyhedron</i> , 1995, 14, 1139-1147.	2.2	26
18	Heterobimetallic Mo-Sn complexes with seven-coordinate molybdenum and five-coordinate tin. <i>Journal of Organometallic Chemistry</i> , 1993, 463, 121-125.	1.8	23

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19	Second-order non-linear optical properties of $\pi$ -bent <sup>TM</sup> ferrocenyl derivatives. <i>Journal of Materials Chemistry</i> , 1999, 9, 899-907.	6.7	21
20	Liquid crystal behaviour of ionic allylpalladium complexes containing 2-pyrazolylpyridine as bidentate N,N $\epsilon^2$ -ligand. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 765-778.	1.8	21
21	The 3,5-dimethyl-4-nitropyrazole ligand in the construction of supramolecular networks of silver(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4093-4105.	1.8	21
22	Molybdenum tricarbonyl complexes containing unidentate diphosphine. NMR study of fac-mer isomers and crystal structure of fac-Mo(CO) <sub>3</sub> ( $\eta^2$ -phen)( $\eta^1$ -dppm). <i>Journal of Organometallic Chemistry</i> , 1990, 382, 397-406.	1.8	19
23	Copper Complexes with New Pyridylpyrazole Based Ligands. <i>Helvetica Chimica Acta</i> , 2002, 85, 1079.	1.6	19
24	Pyridylpyrazole derivatives. A new type of mesogenic bidentate ligands inducing mesomorphism on their related PdX <sub>2</sub> complexes. <i>Inorganic Chemistry Communication</i> , 2003, 6, 626-629.	3.9	19
25	Pyrazolium salts as a new class of ionic liquid crystals. <i>Journal of Materials Chemistry</i> , 2012, 22, 13239.	6.7	19
26	Cationic Silver Coordination Compounds of Polydentate Ligands: Supramolecular Structures of [Ag(Pzbp2Py) <sub>2</sub> (OSO <sub>2</sub> CF <sub>3</sub> )] and [Ag <sub>2</sub> (Pzbp2Py) <sub>2</sub> (OSO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] {Pzbp2Py = 2-[3,5-Bis(4-butoxyphenyl)pyrazol-1-yl]pyridine}. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4370-4381.	2.0	18
27	Selecting pyrazole-based silver complexes for efficient liquid crystal and luminescent materials. <i>Dyes and Pigments</i> , 2014, 110, 159-168.	3.7	18
28	Thermochromic and acidochromic properties of polymer films doped with pyridyl- $\eta^2$ -diketonate boron(III) complexes. <i>Dyes and Pigments</i> , 2020, 177, 108272.	3.7	18
29	Pyrazole-based allylpalladium complexes: Supramolecular architecture and liquid crystal behaviour. <i>Inorganic Chemistry Communication</i> , 2006, 9, 1271-1275.	3.9	17
30	Third-Order Nonlinear Optical Properties of Donor $\rightarrow$ Acceptor Organometallic Compounds in Films and Solution. <i>Journal of Physical Chemistry B</i> , 1999, 103, 11016-11020.	2.6	16
31	Mesomorphism of ionic allylpalladium(II) complexes containing pzR <sub>2</sub> py as ligands and [BF <sub>4</sub> ] $\hat{a}$ <sup>-</sup> , [PF <sub>6</sub> ] $\hat{a}$ <sup>-</sup> or [CF <sub>3</sub> SO <sub>3</sub> ] $\hat{a}$ <sup>-</sup> as counteranions. <i>Dalton Transactions</i> , 2006, , 3918-3926.	3.3	16
32	Silver compounds based on N,N,N-tridentate pyridylpyrazolate ligands. An opportunity to build cyclic trimetallic and oligomeric luminescent liquid crystals. <i>Polyhedron</i> , 2017, 125, 141-150.	2.2	16
33	Supramolecular Arrays of Cationic Complexes Containing Pyrazole Ligands and Tetrafluoroborate, Trifluoromethanesulfonate, or Nitrate as Counterions. Crystal Structure of Bis(3,5-dimethyl-4-nitro-1H-pyrazole- $\eta^2$ N <sub>2</sub> )silver(1+) Nitrate ([Ag(HpzNO <sub>2</sub> ) <sub>2</sub> ](NO <sub>3</sub> )). <i>Helvetica Chimica Acta</i> , 2005, 88, 2433-2440.	1.6	15
34	Designing Eu- $\eta^2$ -diketonate complexes as a support of ionic liquid crystals (ILCs) with additional luminescent properties. <i>Dyes and Pigments</i> , 2018, 159, 395-405.	3.7	15
35	Water-Free Proton Conduction in Discotic Pyridylpyrazolate-based Pt(II) and Pd(II) Metallomesogens. <i>Inorganic Chemistry</i> , 2016, 55, 6995-7002.	4.0	15
36	<sup>95</sup> Mo and <sup>199</sup> Hg NMR studies on complexes containing molybdenum-mercury bonds and substituted-cyclopentadienyl ligands: [(C <sub>5</sub> H <sub>5</sub> -nRn)(CO) <sub>3</sub> Mo] <sub>x</sub> HgX <sub>2-x</sub> (R = Me, n = 0, 1, 4, 5; R = Ph, n = 4; X) Tj ETQp 0 0 rgB /Overlo		

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37	Second-Order Nonlinear Performance of Poly(methyl methacrylate) Films with Dispersed Donor-Acceptor Organobimetallic Compounds. <i>Journal of Physical Chemistry B</i> , 1998, 102, 10698-10706.	2.6	14
38	Ferrocenyl derivatives with Mo(TpAn) units for second- and third-order nonlinear optical applications. <i>Synthetic Metals</i> , 2001, 124, 201-203.	3.9	14
39	Symmetric and dissymmetric pyrazolyl-bridged rhodium dimers. Two X-ray dirhodium structures with short metal-metal interactions. <i>Journal of Organometallic Chemistry</i> , 1996, 511, 115-127.	1.8	13
40	Ferrocenylpyrazolyl bridging rhodium dimers. Crystal structure of $[\text{Rh}(\frac{1}{4}\text{-pzFc})(\text{COD})]_2$ . <i>Journal of Organometallic Chemistry</i> , 1999, 582, 173-182.	1.8	13
41	Investigation of Structural Characteristics of Bis( $\eta^2$ -diketonato)copper(II) Complexes Containing Alkoxy or Aryloxy Side Chains: X-Ray Structures of 1,3-Bis(4-butoxyphenyl)propane-1,3-dione, Bis[1,3-bis(4-butoxyphenyl)propane-1,3-dionato- $\eta^2$ ] $\text{Cu}(\text{II})$ and Bis[1,3-bis(4-phenoxyphenyl)propane-1,3-dionato- $\eta^2$ ] $\text{Cu}(\text{II})$ . <i>Helvetica Chimica Acta</i> , 2001, 84, 2316-2329.	1.6	13
42	Ionic liquid crystals from $\eta^2$ -diketonyl containing pyridinium cations and tetrachlorozincate anions. <i>Inorganic Chemistry Communication</i> , 2009, 12, 214-218.	3.9	13
43	Tetrahedral and octahedral metallomesogenic $\text{Zn}(\text{II})$ complexes supported by pyridine-functionalised pyrazole ligands. <i>New Journal of Chemistry</i> , 2014, 38, 511-517.	2.8	13
44	Aggregation-induced emission enhancement (AIEE)-active Pt(II) metallomesogens as dyes sensitive to $\text{Hg}^{2+}$ and dopant agents to develop stimuli-responsive luminescent polymer materials. <i>Dyes and Pigments</i> , 2020, 175, 108098.	3.7	13
45	Heterobimetallic complexes via fac-Mo(CO) $_3(\eta^2\text{-bpy})(\eta^1\text{-dppm})$ : complexes of tin, mercury or rhodium derivatives. <i>Inorganica Chimica Acta</i> , 1990, 170, 139-140.	2.4	12
46	Rhodium complexes with hydrotris(3-p-anisylpyrazol-1-yl)borate ligand TppAn. Intramolecular C-H bond activation and dehydro-chlorination processes. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 117-126.	1.8	12
47	Mesomorphism of Four-Coordinated Four-Chained Metal Complexes Based on Pyrazolylpyridine Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 481, 34-55.	0.9	12
48	Bis(pyridylpyrazolate)platinum(II): a mechanochromic complex useful as a dopant for colour-tunable polymer OLEDs. <i>New Journal of Chemistry</i> , 2015, 39, 8467-8473.	2.8	12
49	Triketonate difluoroboron complexes. Substitution-dependent liquid crystal and photophysical properties. <i>Dyes and Pigments</i> , 2016, 135, 184-200.	3.7	12
50	Nanostructured discotic Pd(II) metallomesogens as one-dimensional proton conductors. <i>Dalton Transactions</i> , 2017, 46, 96-105.	3.3	11
51	Designing Zn(II) complexes as a support of bifunctional liquid crystal and luminescent materials. <i>Dyes and Pigments</i> , 2018, 149, 37-50.	3.7	11
52	Multifunctional Pt(II) metallomesogens exhibiting luminescence and proton conductivity in the mesophase near room temperature. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9723-9733.	5.5	11
53	Lamellar columnar liquid-crystalline mesophases as a 2D platform for anhydrous proton conduction. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10318-10330.	5.5	11
54	Reaction of $[\text{Mo}(\text{I})_2(\text{CO})_3(\text{CH}_3\text{CN})_2]$ with the hydrotris(3,5-dimethylpyrazol-1-yl)borate (TpMe $_2$ ) ligand. Synthesis and characterization of degradation products and the X-ray structure of the oxo-pyrazole tetrametallic Mo $_4$ cluster $[\text{Mo}_4\text{O}_4(\eta^3\text{-O})_2(\eta^2\text{-O})_2(\eta^2\text{-OH})_2(\text{HpzMe}_2)_6]\text{I}_2\cdot 4\text{CH}_3\text{CN}$ . <i>Polyhedron</i> , 1996, 15, 1705-1715.	2.2	10

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55	Molecular architectures of cationic [Pd( $\eta^3$ -C <sub>3</sub> H <sub>5</sub> )(pzbp2py)] <sup>+</sup> complexes and and as counteranions (pzbp2py=2-[3,5-bis(4-butoxyphenyl)pyrazol-1-yl]pyridine). <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2614-2622.	1.8	10
56	Aurophilic towards H-Bonding Interactions in Phosphine-pyrazolato-gold(I) Complexes: Luminescence Studies and Crystal Structure of {3,5-Bis[4-(octyloxy)phenyl]-1H-pyrazolato- $\eta^1$ N1}(triphenylphosphine)gold(I); {3,5-Bis[4-(octyloxy)phenyl]-1H-pyrazole} ([Au(pzop2)(PPh <sub>3</sub> )] $\cdot$ ... (Hpzop2)). <i>Helvetica Chimica Acta</i> , 2004, 87, 2057-2065.	1.6	9
57	Reactivity of bis(long chain substituted $\eta^2$ -diketonato)palladium(II) [Pd(OOR <sub>2</sub> ) <sub>2</sub> ] towards HBF <sub>4</sub> : formation of luminescent [BF <sub>2</sub> (OOR <sub>2</sub> )] derivatives. X-ray structure of [1,3-di(4-n-butoxyphenyl)propane-1,3-dionato]difluoroboron(III). <i>Inorganic Chemistry Communication</i> , 2004, 7, 974-978.	3.9	9
58	Bifunctional dipyridylpyrazole silver complexes with tunable thermotropic liquid crystal and luminescent behaviour. <i>Dyes and Pigments</i> , 2018, 150, 323-334.	3.7	9
59	Molybdenum-mercury bond. NMR (199Hg, 31P, 1H) and IR study on [(C <sub>5</sub> H <sub>5</sub> )(CO) <sub>2</sub> LMoHgZ] (L $\rightarrow$ P(4-X-C <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> ) Tj ETQq1 1 0.78431 4	2.4	8
60	Trispyrazolylborate degradation in rhodium complexes, crystal structure of [Rh(e-But-C <sub>3</sub> N <sub>2</sub> H <sub>2</sub> )(NBD)(3-But-C <sub>3</sub> N <sub>2</sub> H <sub>3</sub> )]. <i>Polyhedron</i> , 1994, 13, 2463-2465.	2.2	8
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73	Heterobimetallic Mo—Sn complexes. Reactions of $[\text{Mo}(\text{CO})_3(\text{CH}_3\text{CN})_2(\text{Cl})(\text{SnRCl}_2)]$ ( $\text{R} = \text{Me}, \text{Ph}$ ) with $4(4\text{-XC}_6\text{H}_4)_3$ ( $\text{X} = \text{Cl}, \text{F}, \text{H}, \text{Me}, \text{MeO}$ ). <i>Polyhedron</i> , 1994, 13, 3309-3316.	2.2	4
74	Reactivity of the Mo—Sn bond. Reactions of $[\text{MoSnPh}_3(\text{CO})_3(\text{n-C}_5\text{H}_5)]$ with $\text{HgX}_2$ ( $\text{X} = \text{Cl}, \text{OCOCF}_3$ ). <i>Polyhedron</i> , 1991, 10, 133-134.	2.2	3
75	Organometallic chemistry of systems with Mo-Hg bonds: A challenging organometallic experiment for undergraduate students. <i>Journal of Chemical Education</i> , 1993, 70, 948.	2.3	3
76	Seven-coordinate Mo—Sn complexes containing bidentate PP-donor ligands. <i>Polyhedron</i> , 1997, 16, 1095-1100.	2.2	3
77	Dicatenar pyridylpyrazoles: An opportunity to induce mesomorphism. Synthesis, X-ray characterisation and DFT calculations. <i>Polyhedron</i> , 2015, 100, 100-107.	2.2	2
78	Isoquinolinylypyrazoles and pyridylisoxazoles as luminescent materials with sensorial ability towards pollutant toxic metal ions. Experimental and computational studies. <i>Journal of Luminescence</i> , 2018, 198, 517-530.	3.1	0