

Celia M M Maya

List of Publications by Year in descending order

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1,568
citations

257450

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361022

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docs citations

78
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cationic Rh(III) Complex That Efficiently Catalyzes Hydrogen Isotope Exchange in Hydrosilanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16765-16767.	13.7	60
2	Monodentate, Nâ€Heterocyclic Carbeneâ€Type Coordination of 2,2â€Bipyridine and 1,10â€Phenanthroline to Iridium. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4380-4383.	13.8	59
3	Tâ€Shaped Platinum(II) Complexes Stabilised by Bulky Nâ€Heterocyclic Carbene Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 10323-10326.	3.3	56
4	Elucidating the Mechanism of Aryl Aminations Mediated by NHC-Supported Nickel Complexes: Evidence for a Nonradical Ni(O)/Ni(II) Pathway. <i>ACS Catalysis</i> , 2018, 8, 3733-3742.	11.2	53
5	C-Terminal Tyrosine of Ferredoxinâ”NADP+ Reductase in Hydride Transfer Processes with NAD(P)+/H. <i>Biochemistry</i> , 2005, 44, 13477-13490.	2.5	51
6	Interconversion of Quadruply and Quintuply Bonded Molybdenum Complexes by Reductive Elimination and Oxidative Addition of Dihydrogen. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3227-3231.	13.8	49
7	Boryl-assisted hydrogenolysis of a nickelâ€methyl bond. <i>Chemical Communications</i> , 2014, 50, 15718-15721.	4.1	49
8	Cationic Î³-benzyl nickel compounds with diphosphine ligands as catalyst precursors for ethylene oligomerization/polymerization: influence of the diphosphine bite angle. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 833-839.	1.8	46
9	Platinum(0) olefin complexes of a bulky terphenylphosphine ligand. Synthetic, structural and reactivity studies. <i>Chemical Communications</i> , 2015, 51, 17008-17011.	4.1	46
10	Reactivity of Cationic Agostic and Carbene Structures Derived from Platinum(II) Metallacycles. <i>Chemistry - A European Journal</i> , 2015, 21, 8883-8896.	3.3	45
11	Cyclic Enolates of Ni and Pd: Equilibrium between C- and O-Bound Tautomers and Reactivity Studies. <i>Chemistry - A European Journal</i> , 2005, 11, 6889-6904.	3.3	44
12	Synthesis and Aldol Reactivity of O- and C-Enolate Complexes of Nickel. <i>Journal of the American Chemical Society</i> , 2003, 125, 1482-1483.	13.7	43
13	Znâ€Znâ€Bonded Compounds that Contain Monoanionic Oxygenâ€Donor Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 9754-9757.	3.3	40
14	Metallacyclic Pyridylidene Structures from Reactions of Terminal Pyridylidenes with Alkenes and Acetylene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3496-3499.	13.8	40
15	Evidence for Genuine Bimetallic Frustrated Lewis Pair Activation of Dihydrogen with Gold(I)/Platinum(0) Systems. <i>Chemistry - A European Journal</i> , 2020, 26, 5982-5993.	3.3	37
16	Experimental and Theoretical Studies on Areneâ€Bridged Metalâ€Metalâ€Bonded Dimolybdenum Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 6092-6102.	3.3	33
17	Synthesis, Structure and Nickel Carbonyl Complexes of Dialkylterphenyl Phosphines. <i>Chemistry - A European Journal</i> , 2019, 25, 260-272.	3.3	33
18	Synthesis, Structural Characterization, Reactivity, and Catalytic Properties of Copper(I) Complexes with a Series of Tetradentate Tripodal Tris(pyrazolylmethyl)amine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 4192-4201.	4.0	32

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19	Reactivity Studies of Iridium Pyridylidenes		
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37	Catalytic Copper-Mediated Ring Opening and Functionalization of Benzoxazoles. <i>ACS Catalysis</i> , 2014, 4, 4215-4222.	11.2	16
38	Lithium Di- and Trimethyl Dimolybdenum(II) Complexes with Mo≡Mo Quadruple Bonds and Bridging Methyl Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 12378-12387.	13.7	16
39	Zincocenes as Mild Cyclopentadienyl Transfer Reagents toward Rhodium(I) Olefin Precursors. Facile Synthesis of (η ⁵ -Cp ²)Rh(olefin) ₂ Compounds. <i>Organometallics</i> , 2009, 28, 45-47.	2.3	14
40	A convenient synthesis of bis(phosphino)methanes: Formation of a nickel(II) bis(phosphino)methane monoxide complex. <i>Inorganica Chimica Acta</i> , 2006, 359, 3191-3196.	2.4	13
41	Experimental and Computational Studies of the Molybdenum-Flanking Arene Interaction in Quadruply Bonded Dimolybdenum Complexes with Terphenyl Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 410-421.	3.3	13
42	A Cationic Unsaturated Platinum(II) Complex that Promotes the Tautomerization of Acetylene to Vinylidene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2772-2775.	13.8	13
43	Dinuclear Cu(I) Halides with Terphenyl Phosphines: Synthesis, Photophysical Studies, and Catalytic Applications in CuAAC Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 10894-10906.	4.0	13
44	Self-Addition of Metallacyclic Nickel Enolate Complexes Stabilized by Monodentate Phosphine Ligands. <i>Organometallics</i> , 2006, 25, 3124-3129.	2.3	12
45	Synthesis of Rhodium Complexes with Bulky Substituted Cyclopentadienyl Ligands. H/D Exchange Reactions and Silane Activation. <i>Organometallics</i> , 2010, 29, 5481-5489.	2.3	12
46	Iridium(III) complexes with polypyridine ligands coordinated as N-heterocyclic carbenes. Synthesis, structure and photophysical properties. <i>Dalton Transactions</i> , 2012, 41, 14126.	3.3	12
47	An Effective Dual Copper- and Sulfide-Catalytic System for the Epoxidation of Aldehydes with Phenyl diazomethane. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2942-2951.	4.3	12
48	Different coordination modes of an aryl-substituted hydrotris(pyrazolyl)borate ligand in rhodium and iridium complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 165-172.	2.4	11
49	Evidence for Genuine Bimetallic Frustrated Lewis Pair Activation of Dihydrogen with Gold(I)/Platinum(0) Systems. <i>Chemistry - A European Journal</i> , 2020, 26, 5915-5915.	3.3	11
50	An Unsaturated Four-Coordinate Dimethyl Dimolybdenum Complex with a Molybdenum-Molybdenum Quadruple Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 194-205.	3.3	10
51	Cationic (η ⁵ -C ₅ Me ₄)Rh ^{III} Complexes with Metalated Aryl Phosphines Featuring η ⁴ -Phosphorus plus Pseudo-Allylic Coordination. <i>Organometallics</i> , 2018, 37, 11-21.	2.3	10
52	Coinage metal complexes bearing fluorinated N-Heterocyclic carbene ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120856.	1.8	10
53	Dialkylterphenyl Phosphine-Based Palladium Precatalysts for Efficient Aryl Amination of <i>N</i> -Nucleophiles. <i>Chemistry - A European Journal</i> , 2020, 26, 1064-1073.	3.3	10
54	Synthesis and Stereoselective Halogenolysis of Optically Pure Benzylstannanes. <i>Journal of Organic Chemistry</i> , 2009, 74, 2145-2152.	3.2	9

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55	Conjugate Additions of Cyclic Oxygen-Bound Nickel Enolates to $\hat{1},\hat{2}$ -Unsaturated Ketones. <i>Chemistry - A European Journal</i> , 2007, 13, 3675-3687.	3.3	8
56	The C-terminal extension of bacterial flavodoxin-reductases: Involvement in the hydride transfer mechanism from the coenzyme. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 33-43.	1.0	8
57	Coordination of LiH Molecules to Mo $\hat{1}$ Mo Bonds: Experimental and Computational Studies on Mo ₂ LiH ₂ , Mo ₂ Li ₂ H ₄ , and Mo ₆ Li ₉ H ₁₈ Clusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 5222-5230.	13.7	7
58	Ethylene Coordination and Acetylene Dimerization at Tp $\hat{2}$ Ir(III) Centers. <i>Organometallics</i> , 2009, 28, 4649-4651.	2.3	6
59	Zero-valent ML ₂ complexes of group 10 metals supported by terphenyl phosphanes. <i>Chemical Communications</i> , 2021, 57, 3083-3086.	4.1	6
60	Experimental and Computational Studies on Quadruply Bonded Dimolybdenum Complexes with Terminal and Bridging Hydride Ligands. <i>Chemistry - A European Journal</i> , 2021, 27, 6569-6578.	3.3	6
61	N-substituted aminobiphenyl palladacycles stabilized by dialkylterphenyl phosphanes: Preparation and applications in C N cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2021, 518, 120214.	2.4	6
62	N-[4-Acetyl-5-isobutyl-5-(2-p-tolylpropyl)-4,5-dihydro-1,3,4-thiadiazol-2-yl]acetamide ethyl acetate hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o4-o4.	0.2	4
63	(4aS,6cS)-8-Hydroxy-9-isopropyl-4,4,6c-trimethyl-1,2,3,4,4a,5,6,6c-octahydrophenanthren-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2915-o2915.	0.2	3
64	A Cationic Unsaturated Platinum(II) Complex that Promotes the Tautomerization of Acetylene to Vinylidene. <i>Angewandte Chemie</i> , 2017, 129, 2816-2819.	2.0	3
65	A Versatile Approach to Access Trimetallic Complexes Based on Trisphosphinite Ligands. <i>Molecules</i> , 2020, 25, 593.	3.8	3
66	The molecular structure of 1,3-dimethyl-4-phenyl-1H-pyrazole-5-carboxylic acid. <i>Arkivoc</i> , 2008, 2008, 74-84.	0.5	3
67	N-[4-Acetyl-5-methyl-5-(2-p-tolylpropyl)-4,5-dihydro-1,3,4-thiadiazol-2-yl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o267-o268.	0.2	2
68	Palladium-mediated intramolecular dearomatization of ligated dialkylterphenyl phosphines. <i>Dalton Transactions</i> , 2019, 48, 14575-14579.	3.3	2
69	Isomerization of a cationic ($\hat{1}$ -5-C5Me5)Ir(III) complex involving remote C=C and C-H bond formation. <i>Polyhedron</i> , 2021, 207, 115363.	2.2	2
70	Electrophilic activation of alkynes promoted by a cationic alkylidene complex of Pt($\hat{1}$). <i>Dalton Transactions</i> , 2022, , .	3.3	1
71	Addition Reactions of O-Bound Cyclic Nickel Enolates to $\hat{1},\hat{2}$ -Unsaturated Ketones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
72	Reactivity of TpMe2Ir(C2H4)(DMAD) with carboxylic acids. A DFT study on geometrical isomers and structural characterization. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 748-757.	1.8	0

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73	Enseñanza de las propiedades electrónicas y magnéticas de los compuestos de coordinación mediante fichas de actividad. Jornadas De Formación E Innovación Docente Del Profesorado, 2018, , 1070-1085.	0.0	0