

# Amor Rodriguez

## List of Publications by Year in descending order

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34  
papers

1,251  
citations

331259

21  
h-index

360668

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1004  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Si-H and B-H bonds by Lewis acidic transition metals and p-block elements: same, but different. <i>Chemical Science</i> , 2022, 13, 7392-7418.	3.7	15
2	Hydrosilylation of Carbonyl Compounds Catalyzed by a Nickel Complex Bearing a PBP Ligand. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2993-2998.	1.0	8
3	Ambiphilic boryl groups in a neutral Ni( $\eta^2$ ) complex: a new activation mode of $H_2$ . <i>Chemical Science</i> , 2021, 12, 2540-2548.	3.7	11
4	Enhancing the catalytic properties of well-defined electrophilic platinum complexes. <i>Chemical Communications</i> , 2020, 56, 5333-5349.	2.2	10
5	An Unsaturated Four-Coordinate Dimethyl Dimolybdenum Complex with a Molybdenum-Molybdenum Quadruple Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 194-205.	1.7	10
6	Cationic Platinum(II) $\eta^2$ -SiH Complexes in Carbon Dioxide Hydrosilation. <i>Chemistry - A European Journal</i> , 2016, 22, 16791-16795.	1.7	33
7	Mechanistic Studies on the Selective Reduction of $CO_2$ to the Aldehyde Level by a Bis(phosphino)boryl (PBP)-Supported Nickel Complex. <i>ACS Catalysis</i> , 2016, 6, 5715-5723.	5.5	60
8	Selective reduction of carbon dioxide to bis(silyl)acetal catalyzed by a PBP-supported nickel complex. <i>Chemical Communications</i> , 2016, 52, 2114-2117.	2.2	89
9	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.	6.6	16
10	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.	1.7	13
11	Synthesis and structure of mixed carboxylate-aminopyridinate and -amidinate complexes of dimolybdenum and ditungsten. <i>Inorganica Chimica Acta</i> , 2015, 424, 120-128.	1.2	10
12	Boryl-assisted hydrogenolysis of a nickel-methyl bond. <i>Chemical Communications</i> , 2014, 50, 15718-15721.	2.2	49
13	Experimental and Theoretical Studies on Arene-Bridged Metal-Metal-Bonded Dimolybdenum Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 6092-6102.	1.7	33
14	Terphenyl Complexes of Molybdenum and Tungsten with Quadruple Metal-Metal Bonds and Bridging Carboxylate Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 9173-9180.	6.6	21
15	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.	7.2	49
16	Quadruply bonded dimolybdenum complexes with highly unusual geometries and vacant coordination sites. <i>Chemical Communications</i> , 2012, 48, 3954.	2.2	19
17	Chemical Reactivity and Electrochemistry of Metal-Metal-Bonded Zincoenes. <i>Inorganic Chemistry</i> , 2011, 50, 6361-6371.	1.9	21
18	Zn-Zn-Bonded Compounds that Contain Monoanionic Oxygen-Donor Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 9754-9757.	1.7	40

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19	Structural Analysis of Zincocenes with Substituted Cyclopentadienyl Rings. <i>Chemistry - A European Journal</i> , 2009, 15, 924-935.	1.7	18
20	Direct Bonds Between Metal Atoms: Zn, Cd, and Hg Compounds with Metal-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6526-6536.	7.2	107
21	Synthesis and structural characterization of dizincocenes $Zn_2(\eta^5-C_5Me_5)_2$ and $Zn_2(\eta^5-C_5Me_4Et)_2$ . <i>Coordination Chemistry Reviews</i> , 2008, 252, 1532-1539.	9.5	48
22	1,3-Diborata-2,4-diphosphoniocyclobutane-1,3-diyls communicate through a para-phenylene linker. <i>Dalton Transactions</i> , 2008, , 4482.	1.6	22
23	IR and Raman Characterization of the Zincocenes $(\eta^5-C_5Me_5)_2Zn_2$ and $(\eta^5-C_5Me_5)(\eta^1-C_5Me_5)Zn$ . <i>Journal of Physical Chemistry A</i> , 2008, 112, 10516-10525.	1.1	20
24	Solid-State Structures and Solution Studies of Novel Cyclopentadienyl Mercury Compounds. <i>Inorganic Chemistry</i> , 2007, 46, 4667-4676.	1.9	9
25	Zinc-Zinc Bonded Zincocene Structures. Synthesis and Characterization of $Zn_2(\eta^5-C_5Me_5)_2$ and $Zn_2(\eta^5-C_5Me_4Et)_2$ . <i>Journal of the American Chemical Society</i> , 2007, 129, 693-703.	6.6	169
26	Cyclopentadienyl Zincates: Synthesis and X-ray Studies of Sodium and Potassium Salts of the $[Zn(C_5H_5)_3]^{2-}$ and $[Zn_2(C_5H_5)_5]^{2-}$ Ions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1296-1299.	7.2	25
27	Thermal Valence Isomerization of 2,3-Diborata-1,4-diphosphoniabuta-1,3-dienes to Bicyclo[1.1.0]butanes and Cyclobutane-1,3-diyls. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5741-5745.	7.2	31
28	Stable Singlet Diradicals Based on Boron and Phosphorus. <i>ACS Symposium Series</i> , 2005, , 81-93.	0.5	4
29	Catenation of Two Singlet Diradicals: Synthesis of a Stable Tetraradical (Tetraradicaloid). <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4876-4880.	7.2	61
30	Evidence for the Coexistence of Two Bond-Stretch Isomers in Solution. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4880-4883.	7.2	67
31	Structural Divergence in the Products of the Reaction of $[MoCl(\eta^3-C_3H_5)(CO)_2(dmpm)]$ with Nucleophiles. <i>Organometallics</i> , 2003, 22, 1540-1545.	1.1	11
32	Reactivity of the labile complex $[MoCl(\eta^3-allyl)(CO)_2(NCMe)_2]$ with diphosphanes. <i>Dalton Transactions</i> , 2003, , 1641-1644.	1.6	7
33	Synthesis and Structure of the First Ruthenated Benzodiazepines. <i>Organometallics</i> , 2002, 21, 5437-5438.	1.1	24
34	C-C Coupling between an $\eta^3$ -Allyl Ligand and Carbon Nucleophiles in Molybdenum and Tungsten Complexes: Structural Characterization of the Key Intermediate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1427-1429.	7.2	21