

NoÃ© ZÃ³iga-Villarreal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, spectroscopic characterization and crystal and molecular structure of tetrakis(carbonyl)(tetraphenyldithioimidodiphosphinato) manganese(I), $Mn(CO)_4[(SPPPh_2)_2N]$. Journal of Organometallic Chemistry, 1995, 496, 169-174.	1.8	37
2	Formation of carbonylrhenium cryptates with alkali metal cations: Coordination chemistry studies of $[Ph_2P(E)NP(E)Ph_2]^-$, E=O, S, Se towards $ReBr(CO)_5$. Polyhedron, 2010, 29, 3103-3110.	2.2	16
3	Tricarbonyl $[(1\text{-}\eta^5\text{-}\hat{I})\text{-pentadienyl}]manganese$: A Source of Benzeneselenolatomanganese Derivatives of Diverse Nuclearity. Organometallics, 2010, 29, 1537-1540.	2.3	16
4	Six-membered tetracarbonylmanganese(I) and -rhenium(I) metalacycles containing the $[Ph_2P(Se)NP(Se)Ph_2]^-$ ligand: solution and solid state characterization. Journal of Organometallic Chemistry, 2004, 689, 2827-2832.	1.8	15
5	Synthesis and structural studies of phosphorus carbonyl manganacycles containing the tetraphenyldiselenoimidodiphosphinato ligand. Journal of Organometallic Chemistry, 2006, 691, 3223-3231.	1.8	15
6	A mixed-valence dimanganese complex synthesized from the $[Ph_2P(O)NP(O)Ph_2]^-$ anion with $[BrMn(CO)_5]$. Journal of Organometallic Chemistry, 2002, 645, 54-58.	1.8	13
7	A new ligating mode for the anions of the type $[R_2P(S)NP(S)R_2]^-$: study of the interaction of $[K\{Me_2P(S)NP(S)Me_2\}]$ with the early transition halometalcarbonyl, $[BrMn(CO)_5]$. Journal of Organometallic Chemistry, 2001, 626, 113-117.	1.8	12
8	Spontaneous Formation of an Organometallic \hat{I} Inorganic Dirhenium Carbonyl Cryptate Encapsulating a Sodium Cation. Organometallics, 2006, 25, 1857-1860.	2.3	12
9	One pot synthesis of dimanganese carbonyl complexes containing sulfur and phosphorus donor ligands using tricarbonylpentadienylmanganese. Journal of Organometallic Chemistry, 2008, 693, 987-995.	1.8	10
10	Delocalized and localized donating \hat{I} accepting $Mn\hat{I}C$ interactions in half-sandwich cyclopentadienyl and pentadienyl complexes. Dalton Transactions, 2017, 46, 6958-6967.	3.3	7
11	New Ru-Vinylidene Catalysts in the Cross-Metathesis of Natural Rubber and Poly(Styrene-co-Butadiene) with Essential Oils. Current Organic Synthesis, 2016, 13, 876-882.	1.3	6
12	Synthetic studies for the preparation of phosphorus carbonyl rhenacycles with the selenoimidodiphosphinate ligand $[N(SePPh_2)_2]$. Journal of Organometallic Chemistry, 2007, 692, 1698-1707.	1.8	5
13	Symmetry loss in piperidine and morpholine by nitrogen coordination.. Journal of Chemical Education, 1993, 70, 556.	2.3	4
14	Crystal Structure of $Mn[Ph_2P(S)NP(O)Ph_2-O,S]_2$: A Manganese(II) Complex with a Mixed Chalcogen Imdothiiodiphosphinate Ligand.. Analytical Sciences, 2002, 18, 611-612.	1.6	4
15	Crystal Structure of 6-Carboxy-5,7-dimethoxy-1(3H)-isobenzofuranone.. Analytical Sciences, 1998, 14, 865-866.	1.6	3
16	Synthetic and structural studies of phosphorus carbonyl rhenacycles containing the tetraphenyldithioimidodiphosphinato ligand. Journal of Organometallic Chemistry, 2012, 706-707, 135-139.	1.8	3
17	Synthesis of mixed-valence trinuclear carbonylmanganese dithiolates: Promoting vacant coordination sites in tricarbonyl $[(1\text{-}\eta^5\text{-}\hat{I})\text{-pentadienyl}]manganese$. Journal of Organometallic Chemistry, 2014, 751, 356-360.	1.8	3
18	Synthetic studies on the preparation of $[Mn(CO)_3\{P(OR)_3\}]_2-S_2-Ph_2P(S)NP(S)Ph_2$], $R\hat{I}= Ph, Et$. Journal of Organometallic Chemistry, 2017, 842, 59-66.	1.8	3

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19	Zinc heterocyclic vinyl complexes and their gamma-irradiated derivatives: From the metal to antimicrobial materials. <i>Reactive and Functional Polymers</i> , 2020, 146, 104410.	4.1	3
20	Reaction chemistry of tricarbonyl- η^5 -pentadienylmanganese: Straightforward synthesis of stable manganese carbonyl terminal thiolates and a dinuclear bis(ethylenediamine) complex. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2548-2556.	1.8	2
21	Experimental and theoretical studies of new rhenium carbonyls containing 4,5-bis(chalcogenodiphenylphosphino)-1,2,3-triazolates. <i>Journal of Organometallic Chemistry</i> , 2016, 822, 250-258.	1.8	2
22	Coordination chemistry of the tetraphenyldithioimidodiphosphate ligand $[\text{Ph}_2\text{P}(\text{S})\text{NP}(\text{S})\text{Ph}_2]^-$ and $\text{Ph}_2\text{P}(\text{CH}_2)_n\text{PPh}_2$, $n = 1, 2, 3$ toward $\text{ReBr}(\text{CO})_5$. <i>Inorganica Chimica Acta</i> , 2019, 487, 247-256.	2.4	2
23	Gamma rays: An alternative energy source for the preparation of manganese carbonyls-based new materials. <i>Applied Radiation and Isotopes</i> , 2020, 156, 108983.	1.5	2
24	Crystal Structure of Mycophenolic Acid. 6-(4-Hydroxy-6-methoxy-7-methyl-3-oxo-1,3-dihydroisobenzofuran-5-yl)-4-methyl-hex-4-enoic Acid.. <i>Analytical Sciences</i> , 2000, 16, 783-784.	1.6	1
25	Crystal and Molecular Structure of Dimethyl 3-Methoxy-4-isopropylpent-2-enedioate; A Synthetic Intermediate to the Espintanol.. <i>Analytical Sciences</i> , 2001, 17, 1243-1244.	1.6	1
26	Crystal Structure of the 2,5-Dimethyl 6-methoxy-1-indanone Dimer.. <i>Analytical Sciences</i> , 1998, 14, 641-642.	1.6	0
27	Crystal Structure of 2,6-Dicarbomethoxy-5-pivaloyloxymethyl-1,3-benzenediol.. <i>Analytical Sciences</i> , 1998, 14, 643-644.	1.6	0
28	A Precursor of the Natural Product 5,7-Dihydroxy-4,6-dimethyl-1(3H)-isobenzofuranone. Crystal and Molecular Structure of 6-Carbomethoxy-4-formyl-2-methyl-5-pivaloyloxymethyl-1,3-benzenediol.. <i>Analytical Sciences</i> , 2000, 16, 339-340.	1.6	0
29	6-Carboxymethyl-5,7-dimethoxy-1(3H)-isobenzofuranone. Crystal Structure of a Precursor of Nidulol, a Natural Product.. <i>Analytical Sciences</i> , 2000, 16, 337-338.	1.6	0
30	(Benzophenone imine-N)nonacarbonylirhenium(0)(Re^0). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, m130-m131.	0.2	0
31	Crystal and Molecular Structures of the Methyl Ester of the 3-Formyl-4,6-dihydroxy-5-isopropyl-2-methylbenzoic Acid: A Synthetic Intermediate to the Espintanol.. <i>Analytical Sciences</i> , 2002, 18, 1173-1174.	1.6	0
32	Crystal Structure of 5-t-Butoxycarbonyl-1-benzoyl-2-pyrrolidinone, an Intermediate in the Synthesis of (-)-Rolipram.. <i>Analytical Sciences</i> , 2002, 18, 859-860.	1.6	0
33	Reactivity of iridium(I) complexes containing the bis(diphenylthiophosphino)-1,2,3-triazolate ligand toward bis(diphenylphosphino)ethane. <i>Inorganica Chimica Acta</i> , 2019, 490, 78-84.	2.4	0