

# NoÃ© ZÃ³iga-Villarreal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7792952/publications.pdf>

Version: 2024-02-01

33  
papers

197  
citations

1040056

9  
h-index

1125743

13  
g-index

33  
all docs

33  
docs citations

33  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Reactivity of iridium(I) complexes containing the bis(diphenylthiophosphinoyl)-1,2,3-triazolate ligand toward bis(diphenylphosphino)ethane. <i>Inorganica Chimica Acta</i> , 2019, 490, 78-84.	2.4	0
4	Coordination chemistry of the tetraphenyldithioimidodiphosphinate 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
5	Delocalized and localized donating-accepting Mn-C interactions in half-sandwich cyclopentadienyl and pentadienyl complexes. <i>Dalton Transactions</i> , 2017, 46, 6958-6967.	3.3	7
6	Synthetic studies on the preparation of $[\text{Mn}(\text{CO})_3\{\text{P}(\text{OR})_3\}_2\text{-S, S}^2\text{-Ph}_2\text{P}(\text{S})\text{NP}(\text{S})\text{Ph}_2}]$ , $\text{R} = \text{Ph, Et}$ . <i>Journal of Organometallic Chemistry</i> , 2017, 842, 59-66.	1.8	3
7	Experimental and theoretical studies of new rhenium carbonyls containing 4,5-bis(chalcogenodiphenylphosphinoyl)-1,2,3-triazolates. <i>Journal of Organometallic Chemistry</i> , 2016, 822, 250-258.	1.8	2
8	New Ru-Vinylidene Catalysts in the Cross-Metathesis of Natural Rubber and Poly(Styrene-co-Butadiene) with Essential Oils. <i>Current Organic Synthesis</i> , 2016, 13, 876-882.	1.3	6
9	Synthesis of mixed-valence trinuclear carbonylmanganese dithiolates: Promoting vacant coordination sites in tricarbonyl[(1-5- $\eta$ )-pentadienyl]manganese. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 356-360.	1.8	3
10	Synthetic and structural studies of phosphorus carbonyl rhenacycles containing the tetraphenyldithioimidodiphosphinato ligand. <i>Journal of Organometallic Chemistry</i> , 2012, 706-707, 135-139.	1.8	3
11	Formation of carbonylrhenium cryptates with alkali metal cations: Coordination chemistry studies of $[\text{Ph}_2\text{P}(\text{E})\text{NP}(\text{E})\text{Ph}_2]^-$ , $\text{E} = \text{O, S, Se}$ towards $\text{ReBr}(\text{CO})_5$ . <i>Polyhedron</i> , 2010, 29, 3103-3110.	2.2	16
12	Reaction chemistry of tricarbonyl- $\eta$ -5-pentadienylmanganese: Straightforward synthesis of stable manganese carbonyl terminal thiolates and a dinuclear bis(ethylenediaminyl) complex. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2548-2556.	1.8	2
13	Tricarbonyl[(1- $\eta$ -5- $\eta$ )-pentadienyl]manganese: A Source of Benzeneselenolatomanganese Derivatives of Diverse Nuclearity. <i>Organometallics</i> , 2010, 29, 1537-1540.	2.3	16
14	One pot synthesis of dimanganese carbonyl complexes containing sulfur and phosphorus donor ligands using tricarbonylpentadienylmanganese. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 987-995.	1.8	10
15	Synthetic studies for the preparation of phosphorus carbonyl rhenacycles with the selenoimidodiphosphinate ligand $[\text{N}(\text{SePPh}_2)_2]$ . <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1698-1707.	1.8	5
16	Spontaneous Formation of an Organometallic-Inorganic Dirhenium Carbonyl Cryptate Encapsulating a Sodium Cation. <i>Organometallics</i> , 2006, 25, 1857-1860.	2.3	12
17	Synthesis and structural studies of phosphorus carbonyl manganacycles containing the tetraphenyldiselenoimidodiphosphinato ligand. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3223-3231.	1.8	15
18	Six-membered tetracarbonylmanganese(I) and -rhenium(I) metalacycles containing the $[\text{Ph}_2\text{P}(\text{Se})\text{NP}(\text{Se})\text{Ph}_2]$ ligand: solution and solid state characterization. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2827-2832.	1.8	15

#	ARTICLE	IF	CITATIONS
19	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.. Analytical Sciences, 2002, 18, 1173-1174.	1.6	0
20	Crystal Structure of Mn[Ph <sub>2</sub> P(S)NP(O)Ph <sub>2</sub> -O,S] <sub>2</sub> : A Manganese(II) Complex with a Mixed Chalcogen Imidothiodiphosphinate Ligand.. Analytical Sciences, 2002, 18, 611-612.	1.6	4
21	Crystal Structure of 5-t-Butoxycarbonyl-1-benzoyl-2-pyrrolidinone, an Intermediate in the Synthesis of (-)-Rolipram.. Analytical Sciences, 2002, 18, 859-860.	1.6	0
22	A mixed-valence dimanganese complex synthesized from the [Ph <sub>2</sub> P(O)NP(O)Ph <sub>2</sub> ] <sup>-</sup> anion with [BrMn(CO) <sub>5</sub> ]. Journal of Organometallic Chemistry, 2002, 645, 54-58.	1.8	13
23	Crystal and Molecular Structure of Dimethyl 3-Methoxy-4-isopropylpent-2-enedioate; A Synthetic Intermediate to the Espintanol.. Analytical Sciences, 2001, 17, 1243-1244.	1.6	1
24	(Benzophenone imine-N)nonacarbonylirhenium(O)(Re <sup>+</sup> Re). Acta Crystallographica Section E: Structure Reports Online, 2001, 57, m130-m131.	0.2	0
25	A new ligating mode for the anions of the type [R <sub>2</sub> P(S)NP(S)R <sub>2</sub> ] <sup>-</sup> : study of the interaction of [K{Me <sub>2</sub> P(S)NP(S)Me <sub>2</sub> }] with the early transition halometalcarbonyl, [BrMn(CO) <sub>5</sub> ]. Journal of Organometallic Chemistry, 2001, 626, 113-117.	1.8	12
26	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.. Analytical Sciences, 2000, 16, 339-340.	1.6	0
27	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.. Analytical Sciences, 2000, 16, 783-784.	1.6	1
28	6-Carboxymethyl-5,7-dimethoxy-1(3H)-isobenzofuranone. Crystal Structure of a Precursor of Nidulol, a Natural Product.. Analytical Sciences, 2000, 16, 337-338.	1.6	0
29	Crystal Structure of the 2,5-Dimethyl 6-methoxy-1-indanone Dimer.. Analytical Sciences, 1998, 14, 641-642.	1.6	0
30	Crystal Structure of 2,6-Dicarbomethoxy-5-pivaloyloxymethyl-1,3-benzenediol.. Analytical Sciences, 1998, 14, 643-644.	1.6	0
31	Crystal Structure of 6-Carboxy-5,7-dimethoxy-1(3H)-isobenzofuranone.. Analytical Sciences, 1998, 14, 865-866.	1.6	3
32	Synthesis, spectroscopic characterization and crystal and molecular structure of tetrakis(carbonyl)(tetraphenyldithioimidodiphosphinato) manganese(I), Mn(CO) <sub>4</sub> [(SPPPh <sub>2</sub> ) <sub>2</sub> N]. Journal of Organometallic Chemistry, 1995, 496, 169-174.	1.8	37
33	Symmetry loss in piperidine and morpholine by nitrogen coordination.. Journal of Chemical Education, 1993, 70, 556.	2.3	4