

Chip Nataro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hydroamination and carboxylative cyclization reactions catalyzed by of gold(I) compounds with 1,1- η^1 -bis(phosphino)metallocene ligands. Journal of Organometallic Chemistry, 2022, 963, 122283.	1.8	1
2	The Postsecondary Inorganic Chemistry Instructional Laboratory Curriculum: Results from a National Survey. Journal of Chemical Education, 2022, 99, 1971-1981.	2.3	9
3	Cleavage of the dimeric heterometallic complexes $[\text{Pd}(\text{dppf})(\eta^1\text{-Cl})]_2[\text{BArF}_2\text{4}]_2$ ($\text{dppf} = 1,1\text{-}\eta^1\text{-bis}(\text{diphenylphosphino})\text{ferrocene}$, $\text{BArF}_2\text{4} = \text{tetrakis}(\text{bis-3,5-trifluoromethylphenyl})\text{borate}$) via addition of monodentate phosphine ligands. Polyhedron, 2022, 222, 115915.	2.2	0
4	Synthesis, characterization and electrochemistry of $[\text{Pd}(\text{PP})\text{MeCl}]$ compounds with 1,1- η^2 -bis(phosphino)ferrocene ligands. Polyhedron, 2021, 199, 115104.	2.2	2
5	Hydroamination reactions catalyzed by $[\text{Au}_2(\eta^1\text{-Cl})(\eta^1\text{-bis}(\text{phosphino})\text{ferrocene})][\text{BArF}_2\text{4}]$. Journal of Organometallic Chemistry, 2020, 906, 121049.	1.8	10
6	A Community Springs to Action to Enable Virtual Laboratory Instruction. Journal of Chemical Education, 2020, 97, 3033-3037.	2.3	17
7	Teaching Molecular Orbital Theory Better. ACS Symposium Series, 2020, , 47-63.	0.5	1
8	Catalytic ring-closing reactions of gold compounds containing bis(phosphino)ferrocene ligands. Journal of Organometallic Chemistry, 2019, 889, 1-8.	1.8	10
9	Ferrocene: To Infinity and Back Again. , 2019, , .		0
10	Historical Analysis of the Inorganic Chemistry Curriculum Using ACS Examinations as Artifacts. Journal of Chemical Education, 2018, 95, 726-733.	2.3	13
11	Teaching from the primary inorganic literature: lessons from Richard Andersen. Dalton Transactions, 2018, 47, 13755-13760.	3.3	4
12	Undergraduate Research: Contributions to Organometallic Chemistry. Organometallics, 2018, 37, 1813-1816.	2.3	0
13	Monodentate phosphine substitution in $[\text{Pd}(\eta^3\text{-dppf})(\text{PR}_3)_3][\text{BF}_4]_2$ ($\text{dppf} = 1,1\text{-}\eta^1\text{-bis}(\text{diphenylphosphino})\text{ferrocene}$). Journal of Organometallic Chemistry, 2017, 906, 121049.	2.2	0
14	Literature-Based Teaching Strategies for Organometallic Courses. Organometallics, 2017, 36, 2703-2705.	2.3	7
15	Late Transition Metal Compounds with 1,1- η^2 -bis(phosphino)ferrocene Ligands. European Journal of Inorganic Chemistry, 2017, 2017, 424-432.	2.0	20
16	Spectroscopic, structural and computational analysis of $[\text{Re}(\text{CO})_3(\text{dippM})\text{Br}]_n$ ($\text{dippM} = 1,1\text{-}\eta^2\text{-bis}(\text{diisopropylphosphino})\text{metallocene}$, $\text{M} = \text{Ir, Os}$). Journal of Organometallic Chemistry, 2016, 906, 121049.	2.2	0
17	Compounds containing weak, non-covalent interactions to the metal in the backbone of 1,1- η^2 -bis(phosphino)metallocene ligands. Polyhedron, 2016, 114, 156-164.	2.2	12
18	Structural, Computational, and Spectroscopic Investigation of $[\text{Pd}(\eta^3\text{-1,1-}\eta^2\text{-bis}(\text{di-tert-butylphosphino})\text{ferrocenediy})\text{X}]_n$ ($\text{X} = \text{Cl, Br, I}$) Compounds. Organometallics, 2016, 35, 462-470.	2.3	19

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19	Electrochemical parameterization of 1,1- η^2 -disubstituted cobaltocenium compounds. <i>Journal of Organometallic Chemistry</i> , 2014, 750, 107-111.	1.8	3
20	X-ray structures and oxidative electrochemistry of phosphine sulfides and phosphine selenides. <i>Inorganica Chimica Acta</i> , 2014, 422, 193-201.	2.4	7
21	Palladium(II) and Platinum(II) Compounds of 1,1- η^2 -Bis(phosphino)metallocene (M = Fe, Ru) Ligands with Metal-Metal Interactions. <i>Organometallics</i> , 2013, 32, 5966-5979.	2.3	45
22	Synthesis and spectroelectrochemistry of transition metal carbonyls with 1,1- η^2 -bis(phosphino)metallocene ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 712, 37-45.	1.8	14
23	Synthesis and electrochemistry of 1,1- η^2 -bis(phosphino)cobaltocenium compounds. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3882-3894.	1.8	8
24	Electrochemistry of P(CH ₂ Fc) ₃ and derivatives. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2259-2262.	1.8	7
25	Bis(dialkylaminophosphino)ferrocenes: Reactivity and electrochemistry. <i>Inorganica Chimica Acta</i> , 2010, 364, 30-38.	2.4	13
26	Electrochemistry of 1,1- η^2 -Bis(2,4-dialkylphosphetanyl)ferrocene and 1,1- η^2 -Bis(2,5-dialkylphospholanyl)ferrocene Ligands: Free Phosphines, Metal Complexes, and Chalcogenides. <i>Inorganic Chemistry</i> , 2010, 49, 9718-9727.	4.0	30
27	Synthesis, Characterization, and Electrochemistry of Compounds Containing 1-Diphenylphosphino-1- η^2 -(di- <i>tert</i> -butylphosphino)ferrocene (dppdtbpf). <i>Organometallics</i> , 2009, 28, 2119-2126.	2.3	37
28	Synthesis, Electrochemistry, and Reactivity of Half-Sandwich Ruthenium Complexes Bearing Metallocene-Based Bisphosphines. <i>Organometallics</i> , 2009, 28, 3804-3814.	2.3	34
29	Synthesis and Characterization of Transition-Metal Complexes Containing 1,1- η^2 -Bis(diphenylphosphino)ferrocene. <i>Journal of Chemical Education</i> , 2009, 86, 1412.	2.3	20
30	Synthesis and characterization of 1-methyl-1-silaindane and 1-methyl-1-germaindane. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 169-172.	1.8	3
31	Taniaphos and Walphos ligands: Oxidative electrochemistry and complexation. Synthesis, characterization, oxidative electrochemistry and X-ray structures of [(Taniaphos/Walphos)MCl ₂] (M=Pd or Pt). <i>Inorganica Chimica Acta</i> , 2008, 361, 3283-3293.	2.4	9
32	When Nuclei Cannot Give 100%. <i>ACS Symposium Series</i> , 2007, , 246-275.	0.5	0
33	Electrochemistry and complexation of Josiphos ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2365-2374.	1.8	20
34	Anodic Electrochemistry of Free and Coordinated 1,1- η^2 -Bis(di- <i>tert</i> -butylphosphino)ferrocene. <i>Organometallics</i> , 2006, 25, 4292-4300.	2.3	36
35	Derivatives of 1,1- η^2 -bis(diphenylphosphino)ferrocene (dppf): Electrochemistry, complexation and the X-ray structures of 1,1- η^2 -bis(diphenylphosphino)osmocene (dppo) and [PdCl ₂ (dppo)]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3627-3632.	1.8	18
36	Synthesis and electrochemistry of late transition metal complexes containing 1,1- η^2 -bis(dicyclohexylphosphino)ferrocene (dcpf). The X-ray structure of [PdCl ₂ (dcpf)] and Buchwald-Hartwig catalysis using [PdCl ₂ (bisphosphinometallocene)] precursors. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4890-4900.	1.8	56

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37	Electrochemistry of di-tert-butylphosphinopentaphenylferrocene (Q-phos) and derivatives. <i>Electrochimica Acta</i> , 2005, 50, 2661-2665.	5.2	2
38	Synthesis, Structure, and Electrochemistry of an Electron-Rich Chiral Diaminoferrocene, (S,S)-Bis(2,5-dimethylpyrrolidinyl)ferrocene. <i>Organometallics</i> , 2005, 24, 5184-5187.	2.3	8
39	BoPhoz Ligands: Anodic Electrochemistry and Complexes. <i>Organometallics</i> , 2005, 24, 4788-4792.	2.3	6
40	Anodic Electrochemistry of Ferrocenylphosphine and Ruthenocenylphosphine Chalcogenide Complexes and Lewis Acid Adducts. <i>Organometallics</i> , 2005, 24, 2447-2451.	2.3	39
41	Synthesis and reactivity of [N(C6H4Br)3][B(C6F5)4]: the X-ray crystal structure of [Fe(C5H5)2][B(C6F5)4]. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2411-2414.	1.8	27
42	Electrochemistry of Group VI Metal Carbonyl Compounds Containing 1,1-Bis(diphenylphosphino)ferrocene. <i>Organometallics</i> , 2004, 23, 4655-4660.	2.3	30
43	Determination of the Basicity of 1,1-Bis(diphenylphosphino)metallocenes. <i>Organometallics</i> , 2004, 23, 615-618.	2.3	10
44	Lewis Acid-Base, Molecular Modeling, and Isotopic Labeling in a Sophomore Inorganic Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2004, 81, 722.	2.3	7
45	Group 10 metal compounds of 1,1-bis(diphenylphosphino)ferrocene (dppf) and 1,1-bis(diphenylphosphino)ruthenocene: a structural and electrochemical investigation. X-ray structures of [MCl2(dppr)] (M=Ni, Pd). <i>Journal of Organometallic Chemistry</i> , 2003, 673, 47-55.	1.8	87
46	Electrochemistry of Late Transition Metal Complexes Containing the Ligand 1,1-Bis(diisopropylphosphino)ferrocene (dippf). <i>Organometallics</i> , 2003, 22, 5027-5032.	2.3	50
47	Electrochemistry of Ru2Cp2(CO)4 and Ru2Cp2(CO)3(PMe3) and the estimation of Ru2($\frac{1}{4}$ -H) bond dissociation enthalpies. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 181-187.	1.8	4
48	Analysis of phosphines functionalized with crown ether groups by NMR and cyclic voltammetry. <i>Polyhedron</i> , 2001, 20, 1023-1028.	2.2	7
49	Protonation of Metal-Metal Bonds in Cp2Ru2(CO)3(PR3) and Cp2Mo2(CO)4(PR3)2. <i>Inorganic Chemistry</i> , 1998, 37, 2975-2983.	4.0	28
50	Cyanide Ligand Basicities in CpM(L)2CN Complexes (M = Ru, Fe). Correlation between Heats of Protonation and $\frac{1}{2}$ CN. <i>Inorganic Chemistry</i> , 1998, 37, 1868-1875.	4.0	33
51	Cyclopentadienyl Ligand Effects on Enthalpies of Protonation of the Ru-Ru Bond in Cp2Ru2(CO)4 Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 6000-6008.	4.0	36