

# Chip Nataro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7391261/publications.pdf>

Version: 2024-02-01

51  
papers

878  
citations

430874

18  
h-index

501196

28  
g-index

52  
all docs

52  
docs citations

52  
times ranked

719  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 $[MCl_2(dppr)]$ (M=Ni, Pd). <i>Journal of Organometallic Chemistry</i> , 2003, 673, 47-55.	1.8	87
2	Synthesis and electrochemistry of late transition metal complexes containing 1,1'-bis(dicyclohexylphosphino)ferrocene (dcpf). The X-ray structure of $[PdCl_2(dcpf)]$ and Buchwald-Hartwig catalysis using $[PdCl_2(bisphosphinometalocene)]$ precursors. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 4890-4900.	1.8	56
3	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
4	Palladium(II) and Platinum(II) Compounds of 1,1'-Bis(phosphino)metallocene (M = Fe, Ru) Ligands with Metal-Metal Interactions. <i>Organometallics</i> , 2013, 32, 5966-5979.	2.3	45
5	Anodic Electrochemistry of Ferrocenylphosphine and Ruthenocenylphosphine Chalcogenide Complexes and Lewis Acid Adducts. <i>Organometallics</i> , 2005, 24, 2447-2451.	2.3	39
6	Synthesis, Characterization, and Electrochemistry of Compounds Containing 1-Diphenylphosphino-1'-di-tert-butylphosphino)ferrocene (dppdtbpf). <i>Organometallics</i> , 2009, 28, 2119-2126.	2.3	37
7	Cyclopentadienyl Ligand Effects on Enthalpies of Protonation of the Ru~Ru Bond in Cp~ $2Ru_2(CO)_4$ Complexes. <i>Inorganic Chemistry</i> , 1997, 36, 6000-6008.	4.0	36
8	Anodic Electrochemistry of Free and Coordinated 1,1'-Bis(di-tert-butylphosphino)ferrocene. <i>Organometallics</i> , 2006, 25, 4292-4300.	2.3	36
9	Synthesis, Electrochemistry, and Reactivity of Half-Sandwich Ruthenium Complexes Bearing Metallocene-Based Bisphosphines. <i>Organometallics</i> , 2009, 28, 3804-3814.	2.3	34
10	Cyanide Ligand Basicities in Cp~M(L)2CN Complexes (M = Ru, Fe). Correlation between Heats of Protonation and $1/2CN$ . <i>Inorganic Chemistry</i> , 1998, 37, 1868-1875.	4.0	33
11	Electrochemistry of Group VI Metal Carbonyl Compounds Containing 1,1'-Bis(diphenylphosphino)ferrocene. <i>Organometallics</i> , 2004, 23, 4655-4660.	2.3	30
12	Electrochemistry of 1,1'-Bis(2,4-dialkylphosphetanyl)ferrocene and 1,1'-Bis(2,5-dialkylphospholanyl)ferrocene Ligands: Free Phosphines, Metal Complexes, and Chalcogenides. <i>Inorganic Chemistry</i> , 2010, 49, 9718-9727.	4.0	30
13	Protonation of Metal-Metal Bonds in Cp $2Ru_2(CO)_3(PR_3)$ and Cp $2Mo_2(CO)_4(PR_3)_2$ . <i>Inorganic Chemistry</i> , 1998, 37, 2975-2983.	4.0	28
14	Synthesis and reactivity of $[N(C_6H_4Br)_3][B(C_6F_5)_4]$ : the X-ray crystal structure of $[Fe(C_5H_5)_2][B(C_6F_5)_4]$ . <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2411-2414.	1.8	27
15	Electrochemistry and complexation of Josiphos ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2365-2374.	1.8	20
16	Synthesis and Characterization of Transition-Metal Complexes Containing 1,1'-Bis(diphenylphosphino)ferrocene. <i>Journal of Chemical Education</i> , 2009, 86, 1412.	2.3	20
17	Late Transition Metal Compounds with 1,1'-Bis(phosphino)ferrocene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 424-432.	2.0	20
18	Structural, Computational, and Spectroscopic Investigation of $[Pd(\eta^3\text{-}1,1'\text{-bis(di-tert-butylphosphino)ferrocenediyl)X}]^+X^-$ (X = Cl, Br, I) Compounds. <i>Organometallics</i> , 2016, 35, 462-470.	2.3	19

#	ARTICLE	IF	CITATIONS
19	Derivatives of 1,1- $\eta^2$ -bis(diphenylphosphino)ferrocene (dppf): Electrochemistry, complexation and the X-ray structures of 1,1- $\eta^2$ -bis(diphenylphosphino)osmocene (dppo) and [PdCl <sub>2</sub> (dppo)]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3627-3632.	1.8	18
20	A Community Springs to Action to Enable Virtual Laboratory Instruction. <i>Journal of Chemical Education</i> , 2020, 97, 3033-3037.	2.3	17
21	Synthesis and spectroelectrochemistry of transition metal carbonyls with 1,1- $\eta^2$ -bis(phosphino)metallocene ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 712, 37-45.	1.8	14
22	Monodentate phosphine substitution in [Pd( $\eta^3$ -dppf)(PR <sub>3</sub> ) <sub>3</sub> ][BF <sub>4</sub> ] <sub>2</sub> (dppf = Tj ETQqO O O rgBT /Overlock 10 Tf 50.617 Td (1	2.4	14
23	Bis(dialkylaminophosphino)ferrocenes: Reactivity and electrochemistry. <i>Inorganica Chimica Acta</i> , 2010, 364, 30-38.	2.4	13
24	Historical Analysis of the Inorganic Chemistry Curriculum Using ACS Examinations as Artifacts. <i>Journal of Chemical Education</i> , 2018, 95, 726-733.	2.3	13
25	Compounds containing weak, non-covalent interactions to the metal in the backbone of 1,1- $\eta^2$ -bis(phosphino)metallocene ligands. <i>Polyhedron</i> , 2016, 114, 156-164.	2.2	12
26	Determination of the Basicity of 1,1- $\eta^2$ -Bis(diphenylphosphino)metallocenes. <i>Organometallics</i> , 2004, 23, 615-618.	2.3	10
27	Catalytic ring-closing reactions of gold compounds containing bis(phosphino)ferrocene ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 889, 1-8.	1.8	10
28	Hydroamination reactions catalyzed by [Au <sub>2</sub> ( $\eta^4$ -Cl)( $\eta^4$ -bis(phosphino)ferrocene)][BARF <sub>24</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121049.	1.8	10
29	Taniaphos and Walphos ligands: Oxidative electrochemistry and complexation. Synthesis, characterization, oxidative electrochemistry and X-ray structures of [(Taniaphos/Walphos)MCl <sub>2</sub> ] (M=Pd or Pt). <i>Inorganica Chimica Acta</i> , 2008, 361, 3283-3293.	2.4	9
30	The Postsecondary Inorganic Chemistry Instructional Laboratory Curriculum: Results from a National Survey. <i>Journal of Chemical Education</i> , 2022, 99, 1971-1981.	2.3	9
31	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
32	Synthesis and electrochemistry of 1,1- $\eta^2$ -bis(phosphino)cobaltocenium compounds. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3882-3894.	1.8	8
33	Analysis of phosphines functionalized with crown ether groups by NMR and cyclic voltammetry. <i>Polyhedron</i> , 2001, 20, 1023-1028.	2.2	7
34	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
35	Electrochemistry of P(CH <sub>2</sub> Fc) <sub>3</sub> and derivatives. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2259-2262.	1.8	7
36	X-ray structures and oxidative electrochemistry of phosphine sulfides and phosphine selenides. <i>Inorganica Chimica Acta</i> , 2014, 422, 193-201.	2.4	7

#	ARTICLE	IF	CITATIONS
37	Literature-Based Teaching Strategies for Organometallic Courses. <i>Organometallics</i> , 2017, 36, 2703-2705.	2.3	7
38	BoPhoz Ligands: Anodic Electrochemistry and Complexes. <i>Organometallics</i> , 2005, 24, 4788-4792.	2.3	6
39	Spectroscopic, structural and computational analysis of [Re(CO) <sub>3</sub> (dippM)Br] <sup>n+</sup> (dippM = 1,1'-bis(diiso-propylphosphino)metallocene, M =) <i>Talanta</i> , 2019, 196, 784314.	1.6	0
40	Electrochemistry of Ru <sub>2</sub> Cp <sup>2</sup> (CO) <sub>4</sub> and Ru <sub>2</sub> Cp <sub>2</sub> (CO) <sub>3</sub> (PMe <sub>3</sub> ) and the estimation of Ru <sub>2</sub> ( $\frac{1}{4}$ -H) bond dissociation enthalpies. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 181-187.	1.8	4
41	Teaching from the primary inorganic literature: lessons from Richard Andersen. <i>Dalton Transactions</i> , 2018, 47, 13755-13760.	3.3	4
42	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
43	Electrochemical parameterization of 1,1'-disubstituted cobaltocenium compounds. <i>Journal of Organometallic Chemistry</i> , 2014, 750, 107-111.	1.8	3
44	Electrochemistry of di-tert-butylphosphinopentaphenylferrocene (Q-phos) and derivatives. <i>Electrochimica Acta</i> , 2005, 50, 2661-2665.	5.2	2
45	Synthesis, characterization and electrochemistry of [Pd(PP)MeCl] compounds with 1,1'-bis(phosphino)ferrocene ligands. <i>Polyhedron</i> , 2021, 199, 115104.	2.2	2
46	Teaching Molecular Orbital Theory Better. <i>ACS Symposium Series</i> , 2020, , 47-63.	0.5	1
47	Hydroamination and carboxylative cyclization reactions catalyzed by of gold(I) compounds with 1,1'-bis(phosphino)metallocene ligands. <i>Journal of Organometallic Chemistry</i> , 2022, 963, 122283.	1.8	1
48	When Nuclei Cannot Give 100%. <i>ACS Symposium Series</i> , 2007, , 246-275.	0.5	0
49	Undergraduate Research: Contributions to Organometallic Chemistry. <i>Organometallics</i> , 2018, 37, 1813-1816.	2.3	0
50	Ferrocene: To Infinity and Back Again. , 2019, , .		0
51	Cleavage of the dimeric heterometallic complexes [Pd(dppf)( $\frac{1}{4}$ -Cl)] <sub>2</sub> [BArF <sub>24</sub> ] <sub>2</sub> (dppf = 1,1'-bis(diphenylphosphino)ferrocene, BArF <sub>24</sub> = tetrakis(bis-3,5-trifluoromethylphenyl)borate) via addition of monodentate phosphine ligands. <i>Polyhedron</i> , 2022, 222, 115915.	2.2	0