

Jean-Cyrille Hierso

List of Publications by Year in descending order

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papers

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109264

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147
times ranked

5421
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#	ARTICLE	IF	CITATIONS
1	Palladium-Based Catalytic Systems for the Synthesis of Conjugated Enynes by Sonogashira Reactions and Related Alkynylations. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 834-871.	7.2	773
2	Recyclable Heterogeneous Palladium Catalysts in Pure Water: Sustainable Developments in Suzuki, Heck, Sonogashira and Tsuji-Trost Reactions. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 33-79.	2.1	618
3	Progress in palladium-based catalytic systems for the sustainable synthesis of annulated heterocycles: a focus on indole backbones. <i>Chemical Society Reviews</i> , 2012, 41, 3929.	18.7	321
4	Performances of symmetrical achiral ferrocenylphosphine ligands in palladium-catalyzed cross-coupling reactions: A review of syntheses, catalytic applications and structural properties. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2017-2055.	9.5	167
5	Diamondoids: functionalization and subsequent applications of perfectly defined molecular cage hydrocarbons. <i>New Journal of Chemistry</i> , 2014, 38, 28-41.	1.4	142
6	Indirect Nonbonded Nuclear Spin-Spin Coupling: A Guide for the Recognition and Understanding of $^1J_{\text{C-H}}$ Constants in Small Organic, Organometallic, and Coordination Compounds. <i>Chemical Reviews</i> , 2014, 114, 4838-4867.	23.0	138
7	Highly Dispersed Palladium-Polypyrrole Nanocomposites: In-Water Synthesis and Application for Catalytic Arylation of Heteroaromatics by Direct C-H Bond Activation. <i>Advanced Functional Materials</i> , 2011, 21, 1064-1075.	7.8	128
8	A General Palladium-Catalyzed Method for Alkylation of Heteroarenes Using Secondary and Tertiary Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13573-13577.	7.2	127
9	Structural diversity in coordination chemistry of tridentate and tetradentate polyphosphines of Group 6 to 10 transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2003, 236, 143-206.	9.5	126
10	A Versatile Palladium/Triphosphane System for Direct Arylation of Heteroarenes with Chloroarenes at Low Catalyst Loading. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6650-6654.	7.2	124
11	Catalytic Efficiency of a New Tridentate Ferrocenyl Phosphine Auxiliary: Sonogashira Cross-Coupling Reactions of Alkynes with Aryl Bromides and Chlorides at Low Catalyst Loadings of 10-1 to 10-4 Mol %. <i>Organic Letters</i> , 2004, 6, 3473-3476.	2.4	115
12	A Palladium-Ferrocenyl Tetrakisphosphine System as Catalyst for Suzuki Cross-Coupling and Heck Vinylation of Aryl Halides: A Dynamic Behavior of the Palladium/Phosphine Species. <i>Organometallics</i> , 2003, 22, 4490-4499.	1.1	95
13	$^1J_{\text{C-H}}$ Nuclear Spin-Spin Coupling in Tetrakisphosphine Ferrocenyl Derivatives: A ^{31}P NMR and X-ray Structure Correlation Study for Coordination Complexes. <i>Journal of the American Chemical Society</i> , 2004, 126, 11077-11087.	6.6	82
14	Catalytic Efficiency of a New Tridentate Ferrocenyl Phosphine Auxiliary: Sonogashira Cross-Coupling Reactions of Alkynes with Aryl Bromides and Chlorides at Low Catalyst Loadings of 10-1 to 10-4 mol %.. <i>ChemInform</i> , 2005, 36, no.	0.1	80
15	Ultra-Low Catalyst Loading as a Concept in Economical and Sustainable Modern Chemistry: The Contribution of Ferrocenylpolyphosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3767-3780.	1.0	78
16	Palladium-Catalyzed Direct Arylation of Heteroaromatics with Activated Aryl Chlorides Using a Sterically Relieved Ferrocenyl-Diphosphane. <i>ACS Catalysis</i> , 2012, 2, 1033-1041.	5.5	73
17	New concepts in multidentate ligand chemistry: effects of multidentarity on catalytic and spectroscopic properties of ferrocenyl polyphosphines. <i>Chemical Society Reviews</i> , 2007, 36, 1754.	18.7	72
18	Use of a bulky phosphine of weak σ -donicity with palladium as a versatile and highly-active catalytic system: allylation and arylation coupling reactions at 10 ⁻¹ to 10 ⁻⁴ mol% catalyst loadings of ferrocenyl bis(difurylphosphine)/Pd. <i>Tetrahedron</i> , 2005, 61, 9759-9766.	1.0	66

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19	MOCVD of rhodium, palladium and platinum complexes on fluidized divided substrates: Novel process for one-step preparation of noble-metal catalysts. <i>Applied Organometallic Chemistry</i> , 1998, 12, 161-172.	1.7	65
20	Ortho-Functionalized Aryltetrazines by Direct Palladium-Catalyzed C-H Halogenation: Application to Fast Electrophilic Fluorination Reactions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5555-5559.	7.2	63
21	Organometallic Chemical Vapor Deposition of Palladium under Very Mild Conditions of Temperature in the Presence of a Low Reactive Gas Partial Pressure. <i>Chemistry of Materials</i> , 1996, 8, 2481-2485.	3.2	62
22	Platinum and Palladium Films Obtained by Low-Temperature MOCVD for the Formation of Small Particles on Divided Supports as Catalytic Materials. <i>Chemistry of Materials</i> , 2000, 12, 390-399.	3.2	60
23	The Hydrogen Storage Challenge: Nanoparticles for Metal-Catalyzed Ammonia Borane Dehydrogenation. <i>Small</i> , 2021, 17, e2102759.	5.2	60
24	Conformational Control of Metallocene Backbone by Cyclopentadienyl Ring Substitution: A New Concept in Polyphosphane Ligands Evidenced by Through-Space Nuclear Spin-Spin Coupling. Application in Heteroaromatic Arylation by Direct C-H Activation. <i>Organometallics</i> , 2009, 28, 3152-3160.	1.1	58
25	Direct Arylation of Heteroaromatic Compounds with Congested, Functionalised Aryl Bromides at Low Palladium/Triphosphane Catalyst Loading. <i>Chemistry - A European Journal</i> , 2011, 17, 6453-6461.	1.7	54
26	Platinum, palladium and rhodium complexes as volatile precursors for depositing materials. <i>Coordination Chemistry Reviews</i> , 1998, 178-180, 1811-1834.	9.5	51
27	Etherification of Functionalized Phenols with Chloroheteroarenes at Low Palladium Loading: Theoretical Assessment of the Role of Triphosphane Ligands in C-O Reductive Elimination. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3403-3414.	2.1	51
28	Porous Materials Based on 3-Dimensional Td-Directing Functionalized Adamantane Scaffolds and Applied as Recyclable Catalysts. <i>Chemistry of Materials</i> , 2019, 31, 619-642.	3.2	48
29	Copper(I) Iodide Polyphosphine Adducts at Low Loading for Sonogashira Alkynylation of Demanding Halide Substrates: Ligand Exchange Study between Copper and Palladium. <i>Organometallics</i> , 2010, 29, 2815-2822.	1.1	47
30	First Copper(I) Ferrocenyltetraphosphine Complexes: Possible Involvement in Sonogashira Cross-Coupling Reaction?. <i>Organometallics</i> , 2008, 27, 1506-1513.	1.1	44
31	The First Catalytic Method for Heck Alkynylation of Unactivated Aryl Bromides (Copper-Free) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Simple, Inexpensive and Recyclable System. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 583-587.	1.2	40
32	Diphosphines of dppf-Type Incorporating Electron-Withdrawing Furyl Moieties Substantially Improve the Palladium-Catalysed Amination of Allyl Acetates. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1198-1202.	2.1	39
33	Thioetherification of Chloroheteroarenes: A Binuclear Catalyst Promotes Wide Scope and High Functional-Group Tolerance. <i>Chemistry - A European Journal</i> , 2014, 20, 12584-12594.	1.7	38
34	Building Diversity in ortho-Substituted s-Aryltetrazines By Tuning N-Directed Palladium C-H Halogenation: Unsymmetrical Polyhalogenated and Biphenyl s-Aryltetrazines. <i>ACS Catalysis</i> , 2017, 7, 8493-8501.	5.5	37
35	Donor-Stabilized Phosphenium Adducts as New Efficient and Immobilizing Ligands in Palladium-Catalyzed Alkynylation and Platinum-Catalyzed Hydrogenation in Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1621-1628.	2.1	35
36	Input of P, N-(phosphanyl, amino)-ferrocene hybrid derivatives in late transition metals catalysis. <i>Coordination Chemistry Reviews</i> , 2018, 355, 74-100.	9.5	35

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37	Metal-organic chemical vapor deposition in a fluidized bed as a versatile method to prepare layered bimetallic nanoparticles. <i>Journal of Molecular Catalysis A</i> , 1998, 135, 321-325.	4.8	34
38	Direct Arylation of Heterocycles: The Performances of Ferrocene-Based Polyphosphane Ligands in Palladium-Catalyzed C-H Bond Activation. <i>ChemCatChem</i> , 2010, 2, 296-305.	1.8	33
39	Congested Ferrocenyl Polyphosphanes Bearing Electron-Donating or Electron-Withdrawing Phosphanyl Groups: Assessment of Metallocene Conformation from NMR Spin Couplings and Use in Palladium-Catalyzed Chloroarenes Activation. <i>Inorganic Chemistry</i> , 2011, 50, 11592-11603.	1.9	32
40	Syntheses of polyfunctionalized resveratrol derivatives using Wittig and Heck protocols. <i>Tetrahedron</i> , 2012, 68, 3899-3907.	1.0	32
41	Synthesis and characterisation of a new class of phosphine-phosponite ferrocenediyl dinuclear rhodium complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 766-769.	0.8	29
42	Palladium-Catalysed C-H Bond Electrophilic Fluorination of Highly Substituted Arylpyrazoles: Experimental and DFT Mechanistic Insights. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2913-2923.	2.1	29
43	Through-space ³¹ P spin-spin couplings in ferrocenyl tetraphosphine coordination complexes: Improvement in the determination of the distance dependence of JPP constants. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 574-578.	0.8	27
44	A straightforward copper-free palladium methodology for the selective alkynylation of a wide variety of S-, O-, and N-based mono- and diheterocyclic bromides and chlorides. <i>Tetrahedron</i> , 2009, 65, 7146-7150.	1.0	26
45	Modular functionalized polyphosphines for supported materials: previously unobserved ³¹ P-NMR through-space ABCD spin systems and heterogeneous palladium-catalysed C and H arylation. <i>Chemical Communications</i> , 2014, 50, 9505-9508.	2.2	26
46	Gold-Catalyzed Suzuki Coupling of ortho-Substituted Hindered Aryl Substrates. <i>Chemistry - an Asian Journal</i> , 2017, 12, 459-464.	1.7	26
47	Synthesizing Multidentate Ferrocenylphosphines: A Powerful Route to Dissymmetrically Tri-Substituted Ferrocenes. X-ray Structure and ¹³ C NMR of a Diaryl-Alkyl-phosphino Ferrocene. <i>Chemistry Letters</i> , 2004, 33, 1296-1297.	0.7	25
48	Gold(I) Complexes of Ferrocenyl Polyphosphines: Auophilic Gold Chloride Formation and Phosphine-Concerted Shuttling of a Dinuclear [ClAu-AuCl] Fragment. <i>Inorganic Chemistry</i> , 2016, 55, 10907-10921.	1.9	25
49	New insights on the anti-skinning effect of methyl ethyl ketoxime in alkyd paints. <i>New Journal of Chemistry</i> , 2003, 27, 854-859.	1.4	24
50	Palladium-Catalyzed C-H Arylation of Unprotected (N-H)Indoles On Water Using Primary Diamantyl Phosphine Oxides as a Class of Primary Phosphine Oxide Ligands. <i>ChemCatChem</i> , 2018, 10, 2915-2922.	1.8	22
51	Nanodiamond-Palladium Core-Shell Organohybrid Synthesis: A Mild Vapor-Phase Procedure Enabling Nanolayering Metal onto Functionalized sp ³ Carbon. <i>Advanced Functional Materials</i> , 2018, 28, 1705786.	7.8	22
52	Alkyne[hydrotris(pyrazolyl)borato]tantalum Complexes - An Ethyl Group is a Better η^5 -Agostic Donor Than a Methyl Group. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 839-842.	1.0	21
53	Through-space nuclear spin-spin couplings in ferrocenyl polyphosphanes and diphosphino cavitanes: A new way of gathering structural information in constrained P(III) ligands by NMR. <i>Comptes Rendus Chimie</i> , 2009, 12, 1002-1013.	0.2	20
54	Diamondoid Nanostructures as sp ³ Carbon-Based Gas Sensors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9933-9938.	7.2	20

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55	Palladium-Catalysed Heck Alkynylation of Aryl Bromides in an Imidazolium Ionic Liquid: An Unexpected Subsequent Alkyne Hydrogenation Reaction. <i>Synlett</i> , 2006, 2006, 3005-3008.	1.0	19
56	The functionalization of nanodiamonds (<i>diamondoids</i>) as a key parameter of their easily controlled self-assembly in micro- and nanocrystals from the vapor phase. <i>Nanoscale</i> , 2015, 7, 1956-1962.	2.8	19
57	Palladiumâ€Polypyrrole Nanocomposites Pd@PPy for Direct Câ€H Functionalization of Pyrroles and Imidazoles with Bromoarenes. <i>Synlett</i> , 2016, 27, 1227-1231.	1.0	19
58	First Annelated Azaphosphole-Ferrocenes: Synthetic Pathways and Structures. <i>Organometallics</i> , 2012, 31, 5986-5989.	1.1	18
59	Defying Stereotypes with Nanodiamonds: Stable Primary Diamondoid Phosphines. <i>Journal of Organic Chemistry</i> , 2016, 81, 8759-8769.	1.7	18
60	Diastereoselective Synthesis of Dialkylated Bis(phosphino)ferrocenes: Their Use in Promoting Silverâ€Mediated Nucleophilic Fluorination of Chloroquinolines. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 330-339.	1.0	18
61	Efficient palladiumâ€ferrocenylphosphine catalytic systems for allylic amination of monoterpene derivatives. <i>Applied Organometallic Chemistry</i> , 2006, 20, 845-850.	1.7	17
62	A Simple Phosphineâ€Diolefinâ€Promoted Copperâ€Catalysed Nâ€Arylation of Pyrazoles with (Hetero)aromatic Bromides: The Case of Chloroarenes Revisited. <i>ChemCatChem</i> , 2012, 4, 1828-1835.	1.8	17
63	Ferrocenyl (P,N)-diphosphines incorporating pyrrolyl, imidazolyl orâ€benzazaphospholyl moieties: Synthesis, coordination to group 10 metalsâ€andâ€performances in palladium-catalyzed arylation reactions. <i>Journal of Organometallic Chemistry</i> , 2013, 735, 38-46.	0.8	17
64	Aminomethyl-Substituted Ferrocenes and Derivatives: Straightforward Synthetic Routes, Structural Characterization, and Electrochemical Analysis. <i>Organometallics</i> , 2013, 32, 5784-5797.	1.1	17
65	Palladium-catalyzed heteroaryl thioethers synthesis overcoming palladium dithiolate resting states inertness: Practical road to sulfones and NH-sulfoximines. <i>Catalysis Communications</i> , 2018, 111, 52-58.	1.6	17
66	Palladiumâ€Catalyzed Electrophilic Câ€Hâ€Bond Fluorination: Mechanistic Overview and Supporting Evidence. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 233-253.	1.2	17
67	Bridgeâ€Clamp Bis(tetrazine)s with [N] 8 â€Stacking Interactions and Azidoâ€s â€Aryl Tetrazines: Two Classes of Doubly Clickable Tetrazines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1149-1154.	7.2	17
68	Different coordination modes of a 1,1â€2,2â€-ferrocenyltetraphosphine: bi- and tri-dentate behaviour with group 6 and 7 transition metals. <i>Dalton Transactions RSC</i> , 2002, , 2322-2327.	2.3	16
69	Kinetic and Electrochemical Studies of the Oxidative Addition of Demanding Organic Halides to Pd(0): the Efficiency of Polyphosphane Ligands in Low Palladium Loading Cross-Couplings Decrypted. <i>Inorganic Chemistry</i> , 2013, 52, 11923-11933.	1.9	16
70	Uncommon perspectives in palladium- and copper-catalysed arylation and heteroarylation of terminal alkynes following Heck or Sonogashira protocols: Interactions copper/ligand, formation of diynes, reaction and processes in ionic liquids. <i>Comptes Rendus Chimie</i> , 2013, 16, 580-596.	0.2	14
71	Converging and Diverging Synthetic Strategies to Tetradentate (<i>N</i>, <i>N</i>â€)-Diaminomethyl, (<i>P</i>, <i>P</i>â€)-Ferrocenyl Ligands: Influence of <i>tert</i>-Butyl Groups on Ferrocene Backbone Conformation. <i>Organometallics</i> , 2015, 34, 5015-5028.	1.1	14
72	(2â€Pyridyl)sulfonyl Groups for <i>ortho</i>-â€Directing Palladiumâ€Catalyzed Carbonâ€Halogen Bond Formation at Functionalized Arenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3792-3804.	2.1	14

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73	Palladium C–N bond formation catalysed by air-stable robust polydentate ferrocenylphosphines: a comparative study for the efficient and selective coupling of aniline derivatives to dichloroarene. <i>Catalysis Science and Technology</i> , 2014, 4, 2072.	2.1	13
74	Phenol Derivatives in Ruthenium-Catalyzed C–H Arylation: A General Synthetic Access to Azole-Based Congested Polyaromatics. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4953-4958.	1.2	13
75	Mono and dinuclear hydrotris(3,5-dimethylpyrazolyl)borato tantalum complexes. <i>Polyhedron</i> , 2004, 23, 379-383.	1.0	12
76	Palladium Complexes of Constrained Polyphosphines - Discovery and Investigation of Through-Space NMR Spin-Spin Couplings in Organometallic Compounds. <i>Current Organic Chemistry</i> , 2011, 15, 3197-3213.	0.9	12
77	Planar-Chiral 1,1-Diboryl Metallocenes: Diastereoselective Synthesis from Boryl Cyclopentadienides and Spin Density Analysis of a Diborylcobaltocene. <i>Inorganic Chemistry</i> , 2017, 56, 1966-1973.	1.9	12
78	A general diastereoselective synthesis of highly functionalized ferrocenyl ambiphiles enabled on a large scale by electrochemical purification. <i>Chemical Communications</i> , 2017, 53, 6017-6020.	2.2	12
79	Highly Functionalized Ferrocenes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 419-445.	1.0	12
80	Nanocatalysts for High Selectivity Enyne Cyclization: Oxidative Surface Reorganization of Gold Sub-2-nm Nanoparticle Networks. <i>Jacs Au</i> , 2021, 1, 187-200.	3.6	12
81	Unique chains of alternating octahedral and tetrahedral cobalt(ii) sites: crystal structures of the novel chloro-bridged complexes [Co ₄ (μ_4 -Cl)6Cl ₂ (thf) ₄ (MeOH) ₂] _n and [Co ₄ (μ_4 -Cl)6Cl ₂ (thf) ₄ (H ₂ O) ₂] _n ·2THF. <i>Chemical Communications</i> , 2000, , 1359-1360.	2.2	11
82	Cobalt(II) aldoxime complexes stabilised by halide hydrogen bonding: crystal structures of [Co{HONi†C(H)(Me)} ₄ X ₂] (X=...=Cl or Br) and [Co{HONi†C(H)(Pr)} ₄ Cl ₂]. <i>Dalton Transactions RSC</i> , 2001, 2, 3 197-201.	2.3	11
83	Selective Preparation of Diamondoid Phosphonates. <i>Journal of Organic Chemistry</i> , 2014, 79, 5369-5373.	1.7	11
84	Gold(I) Complexes Nuclearity in Constrained Ferrocenyl Diphosphines: Dramatic Effect in Gold-Catalyzed Enyne Cycloisomerization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2879-2885.	1.7	11
85	Influence of solvent mixture on nucleophilicity parameters: the case of pyrrolidine in methanol-acetonitrile. <i>RSC Advances</i> , 2020, 10, 28635-28643.	1.7	11
86	3D Ruthenium Nanoparticle Covalent Assemblies from Polymantane Ligands for Confined Catalysis. <i>Chemistry of Materials</i> , 2020, 32, 2365-2378.	3.2	11
87	Phosphorus-Directed Rhodium-Catalyzed C–H Arylation of 1-Pyrenylphosphines Selective at the <i>endo</i> -Region. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 440-452.	2.1	11
88	(Cycloheptadienyl)diphenylphosphine: A Versatile Hybrid Ligand. <i>Organometallics</i> , 2012, 31, 947-958.	1.1	9
89	Hexaphosphine: A Multifaceted Ligand for Transition Metal Coordination. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1347-1352.	1.0	9
90	Palladium-catalyzed formation of secondary and tertiary amines from aryl dihalides with air-stable ferrocenyl tri- and diphosphines: Synthesis and X-ray structure of efficient catalysts beyond [PdCl ₂ (DPPF)]. <i>Catalysis Communications</i> , 2014, 51, 10-14.	1.6	9

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91	Electrosynthesis as a Powerful Method for the Generation of Catalytic Intermediates: Efficient Isolation of a Palladium Aryl Halide Oxidative Addition Product. <i>Chemistry - A European Journal</i> , 2011, 17, 9901-9906.	1.7	8
92	Functionalized Tri- and Tetraphosphine Ligands as a General Approach for Controlled Implantation of Phosphorus Donors with a High Local Density in Immobilized Molecular Catalysts. <i>ChemPlusChem</i> , 2015, 80, 119-129.	1.3	8
93	Highly Functionalized Brønsted Acidic/Lewis Basic Hybrid Ferrocene Ligands: Synthesis and Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 865-874.	1.0	8
94	Surface Reactivity of Transition Metal CVD Precursors: Towards the Control of the Nucleation Step. , 0, , 147-171.		7
95	1,1'-Binaphthyl-2,2'-methylpyridinium-Based Peroxophosphotungstate Salts: Synthesis, Characterization, and Their Use as Oxidation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5148-5155.	1.0	7
96	Selective formation of a unique diphosphonium-diphosphine from a tetraphosphine double protonation induced by zirconium salts. <i>Dalton Transactions</i> , 2008, , 4206.	1.6	6
97	C-H Bond Arylation of Pyrazoles at the $\hat{2}$ -Position: General Conditions and Computational Elucidation for a High Regioselectivity. <i>Chemistry - A European Journal</i> , 2021, 27, 5546-5554.	1.7	6
98	Synthesis and Catalytic Use of Polar Phosphinoferrocene Amidosulfonates Bearing Bulky Substituents at the Ferrocene Backbone. <i>Organometallics</i> , 2021, 40, 1934-1944.	1.1	6
99	Unsymmetrically Substituted Bis(phosphino)Ferrocenes Triggering Through-Space $\langle \sup \rangle 31 \langle /sup \rangle$ (P,) Tj ETQq1 1 0.784314 rgBT /Ov... 3571-3584.	1.1	6
100	Distinguishing $\hat{\omega}$ Through-Space $\hat{\omega}$ from $\hat{\omega}$ Through-Bonds $\hat{\omega}$ Contribution in Indirect Nuclear Spin $\hat{\omega}$ Spin Coupling: General Approaches Applied to Complex $\langle i \rangle \langle /i \rangle \langle sub \rangle PP \langle /sub \rangle$ and $\langle i \rangle \langle /i \rangle \langle sub \rangle PSe \langle /sub \rangle$ Scalar Couplings. <i>Journal of the American Chemical Society</i> , 2022, 144, 10768-10784.	6.6	6
101	Cobalt-Assisted Condensation of 2-Butanone Oxime and Acetone: Synthesis and X-ray Structure of the Novel Acetaldimine Complex $[Co_2\{((CH_3CH_2)(CH_3)C=NO)2C(CH_3)2\}]$. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2459-2462.	1.0	5
102	$\{1,1\text{-}Bis[bis(5\text{-methyl-2-furyl)phosphino}]ferrocene\text{-}\hat{2}P_2\}$ dichloroplatinum(II) dichloromethane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2267-m2269.	0.2	5
103	A sterically congested 1,2-diphosphino-1-boryl-ferrocene: synthesis, characterization and coordination to platinum. <i>Dalton Transactions</i> , 2019, 48, 11191-11195.	1.6	5
104	Solvent-free ruthenium-catalysed triflate coupling as a convenient method for selective azole-C-H monoarylation. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5916-5919.	1.5	5
105	C-H Halogenation of Pyridyl Sulfides Avoiding the Sulfur Oxidation: A Direct Catalytic Access to Sulfanyl Polyhalides and Polyaromatics. <i>ACS Omega</i> , 2019, 4, 20459-20469.	1.6	5
106	Synthesis and structural characterisation of bulky heptaaromatic (hetero)aryl $\langle i \rangle \langle /i \rangle$ -substituted $\langle i \rangle \langle /i \rangle$ -aryltetrazines. <i>New Journal of Chemistry</i> , 2020, 44, 15235-15243.	1.4	5
107	Pd-PPy nanocomposite on the surface of carbon nanotubes: synthesis and catalytic activity. <i>Surface Innovations</i> , 2017, 5, 121-129.	1.4	5
108	Tetranuclear Dicationic Auophilic Gold(I) Catalysts in Enyne Cycloisomerization: Cooperativity for a Dramatic Shift in Selectivity. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	5

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109	Enlarging the family of ferrocenylphosphine dinuclear rhodium complexes: synthesis and X-ray structure of a novel μ -A-frame-type trimetallic Rh/Fe/Rh complex. <i>Inorganica Chimica Acta</i> , 2004, 357, 3089-3093.	1.2	4
110	Bridge-Clamp Bis(tetrazine)s with $[N]_8$ Stacking Interactions and Azido-Aryl Tetrazines: Two Classes of Doubly Clickable Tetrazines. <i>Angewandte Chemie</i> , 2020, 132, 1165-1170.	1.6	4
111	High Recyclability Magnetic Iron Oxide-Supported Ruthenium Nanocatalyst for H_2 Release from Ammonia-Borane Solvolysis. <i>ChemNanoMat</i> , 2022, 8, .	1.5	3
112	Double Arylation of Dienes and Alkynylation of Functionalized Heteroaryl Halides by a Practical Heck Reaction in an Ionic Liquid. <i>Synlett</i> , 2011, 2011, 2844-2848.	1.0	2
113	Nonbonded Indirect Nuclear Spin-Spin Couplings (J Couplings Through-Space) for Structural Determination in Small Organic and Organometallic Species. <i>Science and Technology of Atomic, Molecular, Condensed Matter and Biological Systems</i> , 2013, 3, 285-314.	0.6	2
114	Diamondoid Nanostructures as sp^3 Carbon-Based Gas Sensors. <i>Angewandte Chemie</i> , 2019, 131, 10038-10043.	1.6	1
115	Apology: Functionalized Tri- and Tetrakisphosphine Ligands as a General Approach for Controlled Implantation of Phosphorus Donors with a High Local Density in Immobilized Molecular Catalysts. <i>ChemPlusChem</i> , 2015, 80, 1495-1495.	1.3	0
116	Cluster Preface: Heterogeneous Catalysis. <i>Synlett</i> , 2016, 27, 1177-1178.	1.0	0
117	Coordination Chemistry of a Bis(Tetrazine) Tweezer: A Case of Host-Guest Behavior with Silver Salts. <i>Molecules</i> , 2021, 26, 2705.	1.7	0