

Luis A Oro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

682
papers

18,083
citations

57
h-index

83
g-index

718
ext. papers

18,961
ext. citations

4.7
avg, IF

6.34
L-index

#	Paper	IF	Citations
682	Preparation of Butadienylpyridines by Iridium-NHC-Catalyzed Alkyne Hydroalkenylation and Quinolizine Rearrangement. <i>Chemistry - A European Journal</i> , 2021 , 27, 11868-11878	4.8	1
681	Origin of the Ir-Si bond shortening in Ir-NSiN complexes. <i>Dalton Transactions</i> , 2021 , 50, 5951-5959	4.3	1
680	Iridium catalysts featuring amine-containing ligands for the dehydrogenation of formic acid. <i>Journal of Organometallic Chemistry</i> , 2020 , 916, 121259	2.3	2
679	Rhodium(I)-NHC Complexes Bearing Bidentate Bis-Heteroatomic Acidato Ligands as gem-Selective Catalysts for Alkyne Dimerization. <i>Chemistry - A European Journal</i> , 2020 , 26, 9598-9608	4.8	5
678	Iridium-Catalyzed Homogeneous Hydrogenation and Hydrosilylation of Carbon Dioxide. <i>Topics in Organometallic Chemistry</i> , 2020 , 303-324	0.6	
677	Iridium-Catalyzed Silylation. <i>Topics in Organometallic Chemistry</i> , 2020 , 227-270	0.6	
676	HydrideRhodium(III)-N-Heterocyclic Carbene Catalyst for Tandem Alkylation/Alkenylation via CBI Activation. <i>ACS Catalysis</i> , 2019 , 9, 9372-9386	13.1	8
675	Rhodium-catalyzed formation of silylcarbamates from the reaction of secondary amines with CO ₂ and hydrosilanes. <i>Journal of Organometallic Chemistry</i> , 2019 , 897, 50-56	2.3	4
674	Ir-catalyzed selective reduction of CO ₂ to the methoxy or formate level with HSiMe(OSiMe ₃) ₂ . <i>Catalysis Science and Technology</i> , 2019 , 9, 2858-2867	5.5	15
673	Synthesis and reactivity at the Ir-Tpm platform: from π N coordination to π N-based organometallic chemistry. <i>Dalton Transactions</i> , 2019 , 48, 6455-6463	4.3	1
672	Selective reduction of formamides to O-silylated hemiaminals or methylamines with HSiMePh catalyzed by iridium complexes. <i>Dalton Transactions</i> , 2019 , 48, 4255-4262	4.3	6
671	Dinuclear Phosphine-Amido [Rh ₂ (diene){ π NH(CH ₂) ₃ PPh ₂ } ₂] Complexes as Efficient Catalyst Precursors for Phenylacetylene Polymerization. <i>Organometallics</i> , 2019 , 38, 1991-2006	3.8	7
670	Non-classical hydrosilane mediated reductions promoted by transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2019 , 386, 240-266	23.2	25
669	Celebrating the 150th Anniversary of the Periodic Table of Chemical Elements: 5th EuChemS Inorganic Chemistry Conference. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4166-4169	2.3	0
668	Vinylidene-based polymers by Rh(I)-NHC catalyzed thiol-ene click polymerization: synthesis, characterization and post-polymerization modification. <i>Polymer Chemistry</i> , 2018 , 9, 1298-1302	4.9	11
667	Mechanistic Considerations on Homogeneously Catalyzed Formic Acid Dehydrogenation. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2125-2138	2.3	42
666	Pentacoordinated Rhodium(I) Complexes Supported by Coumarin-Functionalized N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2018 , 37, 191-202	3.8	17

665	Mechanistic studies on the N-alkylation of amines with alcohols catalysed by iridium(I) complexes with functionalised N-heterocyclic carbene ligands. <i>Catalysis Science and Technology</i> , 2018 , 8, 2381-2393	5.5	19
664	A leap forward in iridium-NHC catalysis: new horizons and mechanistic insights. <i>Chemical Society Reviews</i> , 2018 , 47, 2772-2808	58.5	80
663	Reactivity of Ir ^{III} SiN Complexes: Ir-Catalyzed Dehydrogenative Silylation of Carboxylic Acids. <i>ChemCatChem</i> , 2018 , 10, 1027-1034	5.2	8
662	Mechanistic Investigation on the Polymerization of Phenylacetylene by 2-Diphenylphosphinopyridine Rhodium(I) Catalysts: Understanding the Role of the Cocatalyst and Alkynyl Intermediates. <i>Organometallics</i> , 2018 , 37, 2778-2794	3.8	8
661	Homogeneous Catalytic Reduction of CO ₂ with Silicon-Hydrides, State of the Art. <i>ChemCatChem</i> , 2018 , 10, 4783-4796	5.2	76
660	A highly efficient Ir-catalyst for the solventless dehydrogenation of formic acid: the key role of an N-heterocyclic olefin. <i>Green Chemistry</i> , 2018 , 20, 4875-4879	10	19
659	Impact of Protic Ligands in the Ir-Catalyzed Dehydrogenation of Formic Acid in Water. <i>Organometallics</i> , 2018 , 37, 3611-3618	3.8	16
658	Rhodium ^{III} -Heterocyclic Carbene Catalyzed Hydroalkenylation Reactions with 2-Vinylpyridine and 2-Vinylpyrazine: Preparation of Nitrogen-Bridgehead Heterocycles. <i>Organometallics</i> , 2018 , 37, 1695-1707	7.8	13
657	Synthesis and Oxidation of a Paddlewheel-Shaped Rhodium/Antimony Complex Featuring Pyridine-2-Thiolate Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 3447-3454	4.8	8
656	Iridium ^{III} SiN catalyzed formation of silylphosphinecarboxylates from the reaction of CO ₂ with P(SiMe ₃)R ₂ (R = Ph, Cy). <i>Catalysis Science and Technology</i> , 2017 , 7, 1372-1378	5.5	6
655	Monoanionic NSiN-type ligands in transition metal coordination chemistry and catalysis. <i>Coordination Chemistry Reviews</i> , 2017 , 350, 49-60	23.2	18
654	Mechanistic Insights on the Reduction of CO to Silylformates Catalyzed by Ir-NSiN Species. <i>Chemistry - A European Journal</i> , 2017 , 23, 11898-11907	4.8	26
653	Design of Highly Selective Alkyne Hydrothiolation RhI-NHC Catalysts: Carbonyl-Triggered Nonoxidative Mechanism. <i>Organometallics</i> , 2017 , 36, 2198-2207	3.8	24
652	A well-defined NHC-Ir(III) catalyst for the silylation of aromatic C-H bonds: substrate survey and mechanistic insights. <i>Chemical Science</i> , 2017 , 8, 4811-4822	9.4	39
651	Reversible Small-Molecule Interactions with Coordinatively Unsaturated Metal Centers Held in Metallathaborane Clusters. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4599-4617	2.3	7
650	Reactivity of the parent amido complexes of iridium with olefins: C-NH bond formation versus C-H activation. <i>Dalton Transactions</i> , 2017 , 46, 11459-11468	4.3	1
649	Divergent Reactivity of 2-Vinylpyridine and 1-Vinylpyrazole in Rhodium-Phosphine Systems: C-H Activation and Dinuclear Chemistry 2017 , 61,		2
648	Effect of structural differences of carbon nanotubes and graphene based iridium-NHC materials on the hydrogen transfer catalytic activity. <i>Carbon</i> , 2016 , 96, 66-74	10.4	23

647	Reactivity of [TiM ₂] (M' = Rh, Ir) and [TiIr ₃] early-late heterobimetallic sulfido-bridged clusters. <i>Journal of Organometallic Chemistry</i> , 2016 , 812, 123-134	2.3	4
646	Efficient preparation of carbamates by Rh-catalysed oxidative carbonylation: unveiling the role of the oxidant. <i>Chemical Communications</i> , 2016 , 53, 404-407	5.8	8
645	Iridium(III) Complexes Bearing Chelating Bis-NHC Ligands and Their Application in the Catalytic Reduction of Imines. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4598-4603	2.3	22
644	Postsynthetic modifications of [2,2,2-(H)(PPh ₃) ₂ -closo-2,1-RhSB ₈ H ₈] with Lewis bases: cluster modular tuning. <i>Dalton Transactions</i> , 2016 , 45, 8622-36	4.3	2
643	Rhodium-Catalyzed Dehydrogenative Silylation of Acetophenone Derivatives: Formation of Silyl Enol Ethers versus Silyl Ethers. <i>Chemistry - A European Journal</i> , 2016 , 22, 14717-29	4.8	17
642	N-Heterocyclic olefins as ancillary ligands in catalysis: a study of their behaviour in transfer hydrogenation reactions. <i>Dalton Transactions</i> , 2016 , 45, 12835-45	4.3	27
641	Mechanistic insight into the pyridine enhanced β -selectivity in alkyne hydrothiolation catalysed by quinolinolate-rhodium(I)-N-heterocyclic carbene complexes. <i>Catalysis Science and Technology</i> , 2016 , 6, 8548-8561	5.5	17
640	Dimethylphosphinate bridged binuclear Rh(i) catalysts for the alkoxycarbonylation of aromatic C-H bonds. <i>Dalton Transactions</i> , 2016 , 45, 16955-16965	4.3	5
639	Pyridinethiolate Titanocene Metalloligands and Their Self-Assembly Reactions To Yield Early/Late Metallamacrocycles. <i>Organometallics</i> , 2016 , 35, 336-345	3.8	10
638	Enhancing the hydrogen transfer catalytic activity of hybrid carbon nanotube-based NHC-iridium catalysts by increasing the oxidation degree of the nanosupport. <i>Catalysis Science and Technology</i> , 2016 , 6, 5504-5514	5.5	19
637	Double hydrophosphination of alkynes promoted by rhodium: the key role of an N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2016 , 52, 5554-7	5.8	37
636	Tuning the activity and selectivity of iridium-NSiN catalyzed CO ₂ hydrosilylation processes. <i>Catalysis Science and Technology</i> , 2016 , 6, 4410-4417	5.5	24
635	Experimental and Computational Studies on the Reactivity and Binding Mode of Thiophene with N-Heterocyclic Carbene Iridium Complexes. <i>Organometallics</i> , 2016 , 35, 569-578	3.8	4
634	En route to phosphonato iridium(i) complexes: the decisive effect of an intramolecular hydrogen bond. <i>Dalton Transactions</i> , 2016 , 45, 951-62	4.3	1
633	Hydrosilylation of Terminal Alkynes Catalyzed by a ONO-Pincer Iridium(III) Hydride Compound: Mechanistic Insights into the Hydrosilylation and Dehydrogenative Silylation Catalysis. <i>Organometallics</i> , 2016 , 35, 2410-2422	3.8	43
632	2,5-Norbornadiene C \equiv C Coupling Reactions Mediated by Iridium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3489-3499	2.3	3
631	Rhodium Catalysts for C \equiv C Bond Formation. <i>Topics in Organometallic Chemistry</i> , 2016 , 31-67	0.6	4
630	Oxidative Addition of the N \equiv N Bond of Ammonia to Iridium Bis(phosphane) Complexes: A Combined Experimental and Theoretical Study. <i>Organometallics</i> , 2016 , 35, 720-731	3.8	15

629	CN Bond Coupling Reactions of Ammonia with Acetone Promoted by Iridium and Rhodium Complexes: Experimental and DFT Studies. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5347-5353	2.3	2
628	Iridium complexes as catalysts in the hydrogen transfer of isopropanol to acetophenone: Ligand effects and DFT studies. <i>Inorganica Chimica Acta</i> , 2015 , 436, 146-151	2.7	13
627	Rhodathiaborane reaction cycles driven by C ₂ H ₄ and H ₂ : synthesis and characterization of [(H) ₂ (PPh ₃)RhSB ₈ H ₇ (PPh ₃)] and [(C ₂ H ₄)(PPh ₃)RhSB ₈ H ₇ (PPh ₃)]. <i>Dalton Transactions</i> , 2015 , 44, 5041-42	4.3	3
626	Tuning PCP-Ir complexes: the impact of an N-heterocyclic olefin. <i>Chemical Communications</i> , 2015 , 51, 12431-4	5.8	29
625	Mechanistic considerations on catalytic H/D exchange mediated by organometallic transition metal complexes. <i>Comptes Rendus Chimie</i> , 2015 , 18, 713-741	2.7	28
624	[1,1-(C ₂ -dppe)-3-(NC ₅ H ₅)-closo-1,2-RhSB ₉ H ₈]: conformational lability and reactivity with H ₂ upon protonation. <i>Dalton Transactions</i> , 2015 , 44, 9004-13	4.3	3
623	A bimetallic iridium(II) catalyst: [(Ir(IDipp)(H)) ₂][BF ₄] ₂ (IDipp = 1,3-bis(2,6-diisopropylphenylimidazol-2-ylidene)). <i>Chemical Communications</i> , 2015 , 51, 9860-3	5.8	18
622	Intramolecular C-H oxidative addition to iridium(I) triggered by trimethyl phosphite in N,N'-diphosphanesilanediamine complexes. <i>Dalton Transactions</i> , 2015 , 44, 18596-606	4.3	2
621	Effect of the CO ₂ -pressure on the hydrosilylation of CO ₂ catalyzed by [Ir(NSiN)] species. <i>Journal of CO₂ Utilization</i> , 2015 , 12, 21-26	7.6	12
620	Graphene-NC-Iridium hybrid catalysts built through DH covalent linkage. <i>Carbon</i> , 2015 , 83, 21-31	10.4	28
619	Binuclear Iridium Complexes in Catalysis. <i>Topics in Organometallic Chemistry</i> , 2015 , 31-58	0.6	5
618	Efficient Rhodium-Catalyzed Multicomponent Reaction for the Synthesis of Novel Propargylamines. <i>Chemistry - A European Journal</i> , 2015 , 21, 17701-7	4.8	22
617	Grafting of Copper(I)-NC Species on MCM-41: Homogeneous versus Heterogeneous Catalysis. <i>ChemCatChem</i> , 2015 , 7, 2501-2507	5.2	11
616	Oxidation and Alkylation of Alcohols Catalysed by Iridium(I) Complexes with Functionalised N-Heterocyclic Carbene Ligands. <i>Chemistry - A European Journal</i> , 2015 , 21, 17877-89	4.8	84
615	Synthesis of Titanium and Zirconium Complexes with 2-Pyridonate and 2,6-Pyridinedithiolate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 2115-2121	1.3	1
614	Solvent-Free Iridium-Catalyzed Reactivity of CO ₂ with Secondary Amines and Hydrosilanes. <i>ChemCatChem</i> , 2015 , 7, 3895-3902	5.2	36
613	An Insight into Transfer Hydrogenation Reactions Catalysed by Iridium(III) Bis-N-heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4388-4395	2.3	15
612	Asymmetric 1,3-dipolar cycloaddition reactions between enals and nitrones catalysed by half-sandwich rhodium or iridium diphosphane complexes. <i>Catalysis Science and Technology</i> , 2015 , 5, 2460-2466	5.5	5

611	Orthometallation of N-substituents at the NHC ligand of [Rh(Cl)(COD)(NHC)] complexes: its role in the catalytic hydrosilylation of ketones. <i>Catalysis Science and Technology</i> , 2015 , 5, 1878-1887	5.5	7
610	Solvent-free iridium-catalyzed CO ₂ hydrosilylation: experiments and kinetic modeling. <i>Catalysis Science and Technology</i> , 2015 , 5, 274-279	5.5	33
609	Catalytic hydrodechlorination of benzyl chloride promoted by Rh-N-heterocyclic carbene catalysts. <i>ChemSusChem</i> , 2015 , 8, 495-503	8.3	12
608	Pyridine versus acetonitrile coordination in rhodium-N-heterocyclic carbene square-planar complexes. <i>Dalton Transactions</i> , 2015 , 44, 5777-89	4.3	24
607	Mechanistic Insights into Transfer Hydrogenation Catalysis by [Ir(cod)(NHC) ₂] ⁺ Complexes with Functionalized N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015 , 34, 926-940	3.8	36
606	Hydrolysis and Methanolysis of Silanes Catalyzed by Iridium(III) Bis-N-Heterocyclic Carbene Complexes: Influence of the Wingtip Groups. <i>Organometallics</i> , 2015 , 34, 2378-2385	3.8	42
605	Preferential π -Hydrosilylation of Terminal Alkynes by Bis-N-Heterocyclic Carbene Rhodium(III) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 350-354	5.6	30
604	Iridium-Catalyzed Hydrogen Production from Hydrosilanes and Water. <i>ChemCatChem</i> , 2014 , 6, 1691-1697	5.2	34
603	Dinuclear pyridine-4-thiolate-bridged rhodium and iridium complexes as ditopic building blocks in molecular architecture. <i>Inorganic Chemistry</i> , 2014 , 53, 1699-711	5.1	9
602	Intermolecular hydroamination versus stereoregular polymerization of phenylacetylene by rhodium catalysts based on N ² O bidentate ligands. <i>Inorganic Chemistry Communication</i> , 2014 , 40, 78-81	3.1	8
601	Metal π -nitroalkene and aci-Nitro Intermediates in Catalytic Enantioselective Friedel-Crafts Reactions of Indoles with trans- β -Nitrostyrenes. <i>Organometallics</i> , 2014 , 33, 443-446	3.8	8
600	gem-Selective Cross-Dimerization and Cross-Trimerization of Alkynes with Silylacetylenes Promoted by a Rhodium Pyridine π -Heterocyclic Carbene Catalyst. <i>ChemCatChem</i> , 2014 , 6, 2587-2592	5.2	26
599	NH ₃ -promoted ligand lability in eleven-vertex rhodathiaboranes. <i>Inorganic Chemistry</i> , 2014 , 53, 12428-36	5.1	6
598	Rhodium(I)-N-Heterocyclic Carbene Catalyst for Selective Coupling of N-Vinylpyrazoles with Alkynes via C \equiv N Activation. <i>ACS Catalysis</i> , 2014 , 4, 4244-4253	13.1	43
597	Selective C-H Bond Functionalization of 2-(2-Thienyl)pyridine by a Rhodium N-Heterocyclic Carbene Catalyst. <i>ChemCatChem</i> , 2014 , 6, 3192-3199	5.2	24
596	Chiral Brønsted Acid Catalysts. Activation of Methyl 3,3,3-Trifluoropyruvate by Hydroxymethylpyridine-Containing Half-Sandwich Complexes. <i>Organometallics</i> , 2014 , 33, 4016-4026	3.8	19
595	Intramolecular C-H oxidative addition to iridium(I) in complexes containing a N,N'-diphosphanosilanediamine ligand. <i>Inorganic Chemistry</i> , 2014 , 53, 972-80	5.1	6
594	P-H activation of secondary phosphanes on a parent amido diiridium complex. <i>Dalton Transactions</i> , 2014 , 43, 1609-19	4.3	17

593	Homogeneous catalytic reduction of CO ₂ with hydrosilanes. <i>Catalysis Science and Technology</i> , 2014 , 4, 611-624	5.5	160
592	Unusual cationic rhodathiaboranes: synthesis and characterization of [8,8,8-(H)(PR ₃) ₂ -9-(Py)-nido-8,7-RhSB ₉ H ₁₀] ⁺ and [1,3- η (H)-1,1-(PR ₃) ₂ -3-(Py)-isonido-1,2-RhSB ₉ H ₈] ⁺ . <i>Dalton Transactions</i> , 2014 , 43, 5121-33	4.3	4
591	Chiral transition-metal complexes as Brønsted-acid catalysts for the asymmetric Friedel-Crafts hydroxyalkylation of indoles. <i>Dalton Transactions</i> , 2014 , 43, 11260-8	4.3	21
590	Hydroxymethylpyridine containing half-sandwich complexes of Rh(III), Ir(III) or Ru(II). <i>Dalton Transactions</i> , 2014 , 43, 15546-59	4.3	4
589	AreneRuthenium Chemistry and Brønsted Acid Catalysis of a Chiral Phosphane-Hydroxyl Ligand. <i>Organometallics</i> , 2014 , 33, 616-619	3.8	16
588	Synthesis and dynamic behaviour of zwitterionic [M(η (6)-C ₆ H ₅ -BPh ₃)(coe) ₂] (M = Rh, Ir) cyclooctene complexes. <i>Dalton Transactions</i> , 2014 , 43, 14778-86	4.3	4
587	C-NH ₂ bond formation mediated by iridium complexes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9627-31	16.4	10
586	Theoretical Studies on the Mechanism of Iridium-Catalyzed Alkene Hydrogenation by the Cationic Complex [IrH ₂ (NCMe) ₃ (PiPr ₃) ⁺]. <i>Organometallics</i> , 2014 , 33, 5156-5163	3.8	20
585	Enantioselective catalysts based on the chiral fragment (η -C ₅ Me ₅)Ir(Prophos) for Diels-Alder reactions. <i>Journal of Molecular Catalysis A</i> , 2014 , 385, 119-124		1
584	Hydride-rhodium(III)-N-heterocyclic carbene catalysts for vinyl-selective H/D exchange: a structure-activity study. <i>Chemistry - A European Journal</i> , 2014 , 20, 8391-403	4.8	32
583	Hydridorhodathiaboranes: Synthesis, Characterization, and Reactivity. <i>Organometallics</i> , 2014 , 33, 3137-3183	3.3	6
582	3-Pyridylacetonitrile-ligated 11-vertex rhodathiaboranes: synthesis, characterization, and X-ray crystal structure. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 4016-4027	1.6	2
581	C-NH ₂ Bond Formation Mediated by Iridium Complexes. <i>Angewandte Chemie</i> , 2014 , 126, 9781-9785	3.6	5
580	Reactivity of the Chiral Metallic Brønsted Acid [(η -p-MeC ₆ H ₄ iPr)Ru(β P,O,O ⁻ -POH)][SbF ₆] ₂ (POH = (SC ₁ ,RC ₂)-Ph ₂ PC(Ph)HC(OH)HCH ₂ OMe) toward Aldimines. <i>Organometallics</i> , 2014 , 33, 6927-6936	3.8	7
579	Outer-Sphere Ionic Hydrosilylation Catalysis. <i>ChemCatChem</i> , 2014 , 6, 2486-2489	5.2	52
578	Heterogeneous catalysts based on supported Rh η HC complexes: synthesis of high molecular weight poly(silyl ether)s by catalytic hydrosilylation. <i>Catalysis Science and Technology</i> , 2014 , 4, 62-70	5.5	25
577	ONO Dianionic Pincer-Type Ligand Precursors for the Synthesis of η Cyclooctenyl Iridium(III) Complexes: Formation Mechanism and Coordination Chemistry. <i>Organometallics</i> , 2013 , 32, 6903-6917	3.8	11
576	HydroxoRhodium η -Heterocyclic Carbene Complexes as Efficient Catalyst Precursors for Alkyne Hydrothiolation. <i>ACS Catalysis</i> , 2013 , 3, 2910-2919	13.1	44

575	CO ₂ Activation and Catalysis Driven by Iridium Complexes. <i>ChemCatChem</i> , 2013 , 5, 3481-3494	5.2	50
574	Reactions of 11-vertex rhodathiaboranes with HCl: synthesis and reactivity of new Cl-ligated clusters. <i>Inorganic Chemistry</i> , 2013 , 52, 211-21	5.1	7
573	Proton-assisted hydrogen activation on polyhedral cations. <i>Chemistry - A European Journal</i> , 2013 , 19, 3905-12	4.8	9
572	Heterolytic H ₂ activation on a carbene-ligated rhodathiaborane promoted by isonido-nido cage opening. <i>Chemical Communications</i> , 2013 , 49, 9863-5	5.8	9
571	Bis(hydrosulfido)-bridged dinuclear rhodium(I) complexes as a platform for the synthesis of trinuclear sulfido aggregates with the core [MRh ₂ (β -S ₂)] (M = Rh, Ir, Pd, Pt, Ru). <i>Dalton Transactions</i> , 2013 , 42, 3471-81	4.3	1
570	Bergangsmetallvermittelte Hydrothiolierung ungesättigter Kohlenstoff-Kohlenstoff-Bindungen: ein mechanistischer Ausblick. <i>Angewandte Chemie</i> , 2013 , 125, 223-234	3.6	36
569	The emergence of transition-metal-mediated hydrothiolation of unsaturated carbon-carbon bonds: a mechanistic outlook. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 211-22	16.4	127
568	Mechanistic Studies on the Catalytic Oxidative Amination of Alkenes by Rhodium(I) Complexes with Hemilabile Phosphines. <i>ChemCatChem</i> , 2013 , 5, 263-276	5.2	12
567	Chiral Octahedral Phosphano α xazoline Iridium(III) Complexes as Catalysts in Asymmetric Cycloaddition Reactions. <i>Organometallics</i> , 2013 , 32, 1609-1619	3.8	12
566	Diastereoselective Synthesis of Chiral Octahedral Iridium(III) Phosphano α xazoline Complexes. <i>Organometallics</i> , 2013 , 32, 1595-1608	3.8	2
565	Labile Rhodium(I) π -Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2013 , 32, 2768-2774	3.8	21
564	Rhodium-Catalyzed Polymerization of Phenylacetylene and its Derivatives. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 1631-1646		13
563	Enhanced Hydrogen-Transfer Catalytic Activity of Iridium N-Heterocyclic Carbenes by Covalent Attachment on Carbon Nanotubes. <i>ACS Catalysis</i> , 2013 , 3, 1307-1317	13.1	67
562	A new access to 4 H-quinolizines from 2-vinylpyridine and alkynes promoted by rhodium-N-heterocyclic-carbene catalysts. <i>Chemistry - A European Journal</i> , 2013 , 19, 3812-6	4.8	29
561	Terminal and bridging parent amido 1,5-cyclooctadiene complexes of rhodium and iridium. <i>Chemistry - A European Journal</i> , 2013 , 19, 5665-75	4.8	28
560	Unsaturated Iridium(III) Complexes Supported by a Quinolato α carboxylato ONO Pincer-Type Ligand: Synthesis, Reactivity, and Catalytic C \equiv C Functionalization. <i>Organometallics</i> , 2013 , 32, 6918-6930	3.8	14
559	Synthesis of Poly(silyl ether)s by Rhodium(I) π HC Catalyzed Hydrosilylation: Homogeneous versus Heterogeneous Catalysis. <i>ChemCatChem</i> , 2013 , 5, 1133-1141	5.2	25
558	Pyridine-enhanced head-to-tail dimerization of terminal alkynes by a rhodium-N-heterocyclic-carbene catalyst. <i>Chemistry - A European Journal</i> , 2013 , 19, 15304-14	4.8	40

557	An alternative mechanistic paradigm for the η^2 hydrosilylation of terminal alkynes: the role of acetone as a silane shuttle. <i>Chemistry - A European Journal</i> , 2013 , 19, 17559-66	4.8	72
556	Half-Sandwich Complexes of Osmium(II) with η^5 -Amino Carboxylate Ligands as Asymmetric Transfer Hydrogenation Catalysts. On the Origin of the Enantioselectivity. <i>Organometallics</i> , 2012 , 31, 3333-3345	3.8	34
555	A synthon for a 14-electron Ir(III) species: catalyst for highly selective η^2 hydrosilylation of terminal alkynes. <i>Chemical Communications</i> , 2012 , 48, 9480-2	5.8	53
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