

Steven P. Nolan

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622 papers	51,132 citations	112 h-index	205 g-index
829 ext. papers	54,957 ext. citations	6.4 avg, IF	8.08 L-index

#	Paper	IF	Citations
622	N-heterocyclic carbenes in late transition metal catalysis. <i>Chemical Reviews</i> , 2009 , 109, 3612-76	68.1	2551
621	N-heterocyclic carbenes as organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2988-3000	66.4	1297
620	N-Heterocyclic carbene (NHC) ligands and palladium in homogeneous cross-coupling catalysis: a perfect union. <i>Chemical Society Reviews</i> , 2011 , 40, 5151-69	58.5	977
619	Well-defined N-heterocyclic carbenes-palladium(II) precatalysts for cross-coupling reactions. <i>Accounts of Chemical Research</i> , 2008 , 41, 1440-9	24.3	912
618	Olefin Metathesis-Active Ruthenium Complexes Bearing a Nucleophilic Carbene Ligand. <i>Journal of the American Chemical Society</i> , 1999 , 121, 2674-2678	16.4	876
617	Modified (NHC)Pd(allyl)Cl (NHC = N-heterocyclic carbene) complexes for room-temperature Suzuki-Miyaura and Buchwald-Hartwig reactions. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4101-11	16.4	769
616	Quantifying and understanding the electronic properties of N-heterocyclic carbenes. <i>Chemical Society Reviews</i> , 2013 , 42, 6723-53	58.5	757
615	Carbenes: Synthesis, properties, and organometallic chemistry. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 862-892	23.2	751
614	Stereoelectronic parameters associated with N-heterocyclic carbene (NHC) ligands: A quest for understanding. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 874-883	23.2	735
613	Percent buried volume for phosphine and N-heterocyclic carbene ligands: steric properties in organometallic chemistry. <i>Chemical Communications</i> , 2010 , 46, 841-61	5.8	732
612	N-heterocyclic carbenes in gold catalysis. <i>Chemical Society Reviews</i> , 2008 , 37, 1776-82	58.5	640
611	The development and catalytic uses of N-heterocyclic carbene gold complexes. <i>Accounts of Chemical Research</i> , 2011 , 44, 91-100	24.3	541
610	Steric and electronic properties of N-heterocyclic carbenes (NHC): a detailed study on their interaction with Ni(CO) ₄ . <i>Journal of the American Chemical Society</i> , 2005 , 127, 2485-95	16.4	512
609	Determination of N-Heterocyclic Carbene (NHC) Steric and Electronic Parameters using the [(NHC)Ir(CO)2Cl] System. <i>Organometallics</i> , 2008 , 27, 202-210	3.8	497
608	A general method for the Suzuki-Miyaura cross-coupling of sterically hindered aryl chlorides: synthesis of di- and tri-ortho-substituted biaryls in 2-propanol at room temperature. <i>Journal of the American Chemical Society</i> , 2003 , 125, 16194-5	16.4	468
607	Propargylic esters in gold catalysis: access to diversity. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2750-2	16.4	446
606	PalladiumImidazol-2-ylidene Complexes as Catalysts for Facile and Efficient Suzuki Cross-Coupling Reactions of Aryl Chlorides with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3804-3805	4.2	440

605	Catalytic cross-coupling reactions mediated by palladium/nucleophilic carbene systems. <i>Journal of Organometallic Chemistry</i> , 2002 , 653, 69-82	2.3	429
604	Carboxylation of C-H bonds using N-heterocyclic carbene gold(I) complexes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8858-9	16.4	421
603	Stabilization of Organometallic Species Achieved by the Use of N-Heterocyclic Carbene (NHC) Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1815-1828	2.3	420
602	Synthesis and Structural Characterization of N-Heterocyclic Carbene Gold(I) Complexes. <i>Organometallics</i> , 2005 , 24, 2411-2418	3.8	409
601	[(NHC)Au(I)]-catalyzed acid-free alkyne hydration at part-per-million catalyst loadings. <i>Journal of the American Chemical Society</i> , 2009 , 131, 448-9	16.4	402
600	Ruthenium carbene complexes with N,N'-bis(mesityl)imidazol-2-ylidene ligands: RCM catalysts of extended scope. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2204-7	4.2	393
599	A gold catalyst for carbene-transfer reactions from ethyl diazoacetate. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5284-8	16.4	386
598	A Combined Experimental and Theoretical Study Examining the Binding of N-Heterocyclic Carbenes (NHC) to the Cp*RuCl (Cp* = η -C5Me5) Moiety: Insight into Stereoelectronic Differences between Unsaturated and Saturated NHC Ligands. <i>Organometallics</i> , 2003 , 22, 4322-4326	3.8	354
597	Structure and reactivity of "unusual" N-heterocyclic carbene (NHC) palladium complexes synthesized from imidazolium salts. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5046-7	16.4	345
596	Cross-coupling and dehalogenation reactions catalyzed by (N-heterocyclic carbene)Pd(allyl)Cl complexes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 3173-80	4.2	327
595	Efficient Cross-Coupling of Aryl Chlorides with Aryl Grignard Reagents (Kumada Reaction) Mediated by a Palladium/Imidazolium Chloride System. <i>Journal of the American Chemical Society</i> , 1999 , 121, 9889-9890	16.4	322
594	Activation and Reactivity of (NHC)Pd(allyl)Cl (NHC = N-Heterocyclic Carbene) Complexes in Cross-Coupling Reactions. <i>Organometallics</i> , 2002 , 21, 5470-5472	3.8	318
593	Copper, silver, and gold complexes in hydrosilylation reactions. <i>Accounts of Chemical Research</i> , 2008 , 41, 349-58	24.3	315
592	(NHC)Copper(I)-catalyzed [3+2] cycloaddition of azides and mono- or disubstituted alkynes. <i>Chemistry - A European Journal</i> , 2006 , 12, 7558-64	4.8	315
591	N-heterocyclic carbenes as versatile nucleophilic catalysts for transesterification/acylation reactions. <i>Organic Letters</i> , 2002 , 4, 3583-6	6.2	313
590	Sustainable concepts in olefin metathesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6786-801	16.4	305
589	Amination reactions of aryl halides with nitrogen-containing reagents mediated by palladium/imidazolium salt systems. <i>Journal of Organic Chemistry</i> , 2001 , 66, 7729-37	4.2	302
588	Suzuki-Miyaura Cross-Coupling Reactions Mediated by Palladium/Imidazolium Salt Systems. <i>Organometallics</i> , 2002 , 21, 2866-2873	3.8	299

587	Rapid room temperature Buchwald-Hartwig and Suzuki-Miyaura couplings of heteroaromatic compounds employing low catalyst loadings. <i>Chemistry - A European Journal</i> , 2006 , 12, 5142-8	4.8	298
586	Au(I)-catalyzed tandem [3,3] rearrangement-intramolecular hydroarylation: mild and efficient formation of substituted indenenes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3647-50	16.4	295
585	N-heterocyclic carbene gold(I) and copper(I) complexes in C-H bond activation. <i>Accounts of Chemical Research</i> , 2012 , 45, 778-87	24.3	292
584	A sterically demanding nucleophilic carbene: 1,3-bis(2,6-diisopropylphenyl)imidazol-2-ylidene). Thermochemistry and catalytic application in olefin metathesis. <i>Journal of Organometallic Chemistry</i> , 2000 , 606, 49-54	2.3	280
583	Synthesis of Well-Defined N-Heterocyclic Carbene Silver(I) Complexes. <i>Organometallics</i> , 2005 , 24, 6301-6309	3.8	276
582	Carboxylation of N-H/C-H bonds using N-heterocyclic carbene copper(I) complexes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8674-7	16.4	275
581	Stereoelectronic Effects Characterizing Nucleophilic Carbene Ligands Bound to the Cp*RuCl (Cp* = η^5 -C ₅ Me ₅) Moiety: A Structural and Thermochemical Investigation. <i>Organometallics</i> , 1999 , 18, 2370-2375	3.8	273
580	Synthetic and Structural Studies of (NHC)Pd(allyl)Cl Complexes (NHC = N-heterocyclic carbene). <i>Organometallics</i> , 2004 , 23, 1629-1635	3.8	271
579	Interaction of a bulky N-heterocyclic carbene ligand with Rh(I) and Ir(I). Double C-H activation and isolation of bare 14-electron Rh(III) and Ir(III) complexes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3516-26	16.4	264
578	Synthesis, characterization, and catalytic activity of N-heterocyclic carbene (NHC) palladacycle complexes. <i>Organic Letters</i> , 2003 , 5, 1479-82	6.2	263
577	(NHC)CuI (NHC = N-Heterocyclic Carbene) Complexes as Efficient Catalysts for the Reduction of Carbonyl Compounds. <i>Organometallics</i> , 2004 , 23, 1157-1160	3.8	256
576	Golden carousel in catalysis: the cationic gold/propargylic ester cycle. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 718-21	16.4	255
575	A N-heterocyclic carbene gold hydroxide complex: a golden synthon. <i>Chemical Communications</i> , 2010 , 46, 2742-4	5.8	248
574	[(NHC) ₂ Cu]X complexes as efficient catalysts for azide-alkyne click chemistry at low catalyst loadings. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8881-4	16.4	239
573	Convenient and efficient Suzuki-Miyaura cross-coupling catalyzed by a palladium/diazabutadiene system. <i>Organic Letters</i> , 2001 , 3, 1077-80	6.2	235
572	Highly efficient Heck reactions of aryl bromides with n-butyl acrylate mediated by a palladium/phosphine-imidazolium salt system. <i>Organic Letters</i> , 2001 , 3, 1511-4	6.2	230
571	Suzuki-Miyaura, α -ketone arylation and dehalogenation reactions catalyzed by a versatile N-heterocyclic carbene-palladacycle complex. <i>Journal of Organic Chemistry</i> , 2006 , 71, 685-92	4.2	226
570	Well-Defined Palladium(II)-NHC Precatalysts for Cross-Coupling Reactions of Amides and Esters by Selective N-C/O-C Cleavage. <i>Accounts of Chemical Research</i> , 2018 , 51, 2589-2599	24.3	226

569	Transition-metal systems bearing a nucleophilic carbene ancillary ligand: from thermochemistry to catalysis. <i>Advances in Organometallic Chemistry</i> , 2000 , 46, 181-222	3.8	219
568	Well-defined, air-stable (NHC)Pd(Allyl)Cl (NHC = N-heterocyclic carbene) catalysts for the arylation of ketones. <i>Organic Letters</i> , 2002 , 4, 4053-6	6.2	213
567	General and Efficient Catalytic Amination of Aryl Chlorides Using a Palladium/Bulky Nucleophilic Carbene System. <i>Organic Letters</i> , 1999 , 1, 1307-1309	6.2	213
566	An air-stable palladium/N-heterocyclic carbene complex and its reactivity in aryl amination. <i>Organic Letters</i> , 2002 , 4, 2229-31	6.2	212
565	N-Heterocyclic Carbene Complexes in C-H Activation Reactions. <i>Chemical Reviews</i> , 2020 , 120, 1981-2048	68.1	211
564	Influence of Sterically Demanding Carbene Ligation on Catalytic Behavior and Thermal Stability of Ruthenium Olefin Metathesis Catalysts. <i>Organometallics</i> , 1999 , 18, 5375-5380	3.8	211
563	Efficient transesterification/acylation reactions mediated by N-heterocyclic carbene catalysts. <i>Journal of Organic Chemistry</i> , 2003 , 68, 2812-9	4.2	207
562	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the accepting abilities of π -heterocyclic carbenes?. <i>Chemical Science</i> , 2015 , 6, 1895-1904	9.4	201
561	Quantifying and understanding the steric properties of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2017 , 53, 2650-2660	5.8	192
560	Indenylidene/Imidazolylidene Complexes of Ruthenium as Ring-Closing Metathesis Catalysts. <i>Organometallics</i> , 1999 , 18, 5416-5419	3.8	192
559	Cationic Iridium Complexes Bearing Imidazol-2-ylidene Ligands as Transfer Hydrogenation Catalysts. <i>Organometallics</i> , 2001 , 20, 4246-4252	3.8	191
558	Chemoselective olefin metathesis transformations mediated by ruthenium complexes. <i>Chemical Society Reviews</i> , 2010 , 39, 3305-16	58.5	189
557	Simple (imidazol-2-ylidene)-Pd-acetate complexes as effective precatalysts for sterically hindered Suzuki-Miyaura couplings. <i>Organic Letters</i> , 2005 , 7, 1829-32	6.2	187
556	[(NHC)CuX] complexes: synthesis, characterization and catalytic activities in reduction reactions and Click chemistry. On the advantage of using well-defined catalytic systems. <i>Dalton Transactions</i> , 2010 , 39, 7595-606	4.3	181
555	Efficient cross-coupling reactions of aryl chlorides and bromides with phenyl- or vinyltrimethoxysilane mediated by a Palladium/Imidazolium chloride system. <i>Organic Letters</i> , 2000 , 2, 2053-5	6.2	179
554	A simple and efficient copper-catalyzed procedure for the hydrosilylation of hindered and functionalized ketones. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4784-96	4.2	176
553	Straightforward synthesis of [Au(NHC)X] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <i>Chemical Communications</i> , 2013 , 49, 5541-3	5.8	172
552	Thermodynamics of N-Heterocyclic Carbene Dimerization: The Balance of Sterics and Electronics. <i>Organometallics</i> , 2008 , 27, 2679-2681	3.8	170

551	[(NHC)AuI]-catalyzed formation of conjugated enones and enals: an experimental and computational study. <i>Chemistry - A European Journal</i> , 2007 , 13, 6437-51	4.8	168
550	Electronic Properties of N-Heterocyclic Carbene (NHC) Ligands: Synthetic, Structural, and Spectroscopic Studies of (NHC)Platinum(II) Complexes. <i>Organometallics</i> , 2007 , 26, 5880-5889	3.8	168
549	Synthesis, Characterization and Reactivity of N-Heterocyclic Carbene Gold(III) Complexes. <i>Organometallics</i> , 2007 , 26, 1376-1385	3.8	168
548	Organo-f-element thermochemistry. Absolute metal-ligand bond disruption enthalpies in bis(pentamethylcyclopentadienyl)samarium hydrocarbyl, hydride, dialkylamide, alkoxide, halide, thiolate, and phosphide complexes. Implications for organolanthanide bonding and reactivity. <i>Journal of the American Chemical Society</i> , 1989 , 111, 7844-7853	16.4	165
547	(IPr)Pd(acac)Cl: an easily synthesized, efficient, and versatile precatalyst for C-N and C-C bond formation. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3816-21	4.2	160
546	Copper N-heterocyclic carbene complexes in catalysis. <i>Catalysis Science and Technology</i> , 2013 , 3, 912	5.5	159
545	Development of versatile and silver-free protocols for gold(I) catalysis. <i>Chemistry - A European Journal</i> , 2010 , 16, 13729-40	4.8	158
544	Gold activation of nitriles: catalytic hydration to amides. <i>Chemistry - A European Journal</i> , 2009 , 15, 8695-7	4.8	157
543	Catalytic Dehalogenation of Aryl Halides Mediated by a Palladium/Imidazolium Salt System. <i>Organometallics</i> , 2001 , 20, 3607-3612	3.8	154
542	Transesterification/Acylation of secondary alcohols mediated by N-heterocyclic carbene catalysts. <i>Journal of Organic Chemistry</i> , 2004 , 69, 209-12	4.2	153
541	Alkane Carbon-Hydrogen Bond Functionalization with (NHC)MCl Precatalysts (M = Cu, Au; NHC = N-Heterocyclic Carbene). <i>Organometallics</i> , 2006 , 25, 2237-2241	3.8	151
540	Stable, three-coordinate Ni(CO)(2)(NHC) (NHC = N-heterocyclic carbene) complexes enabling the determination of Ni-NHC bond energies. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10490-1	16.4	151
539	Dinuclear gold catalysis: are two gold centers better than one?. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8156-9	16.4	150
538	Homogeneous Nickel Catalysts for the Selective Transfer of a Single Arylthio Group in the Catalytic Hydrothiolation of Alkynes. <i>Organometallics</i> , 2006 , 25, 4462-4470	3.8	149
537	Ruthenium-indenylidene complexes: powerful tools for metathesis transformations. <i>Chemical Communications</i> , 2008 , 2726-40	5.8	144
536	Cationic Copper(I) Complexes as Efficient Precatalysts for the Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , 2006 , 25, 2355-2358	3.8	143
535	Palladium/imidazolium salt catalyzed coupling of aryl halides with hypervalent organostannates. <i>Organic Letters</i> , 2001 , 3, 119-22	6.2	143
534	[Pd(IPr*)(cinnamyl)Cl]: an efficient pre-catalyst for the preparation of tetra-ortho-substituted biaryls by Suzuki-Miyaura cross-coupling. <i>Chemistry - A European Journal</i> , 2012 , 18, 4517-21	4.8	142

533	Simple Synthesis of CpNi(NHC)Cl Complexes (Cp = Cyclopentadienyl; NHC = N-Heterocyclic Carbene). <i>Organometallics</i> , 2005 , 24, 3442-3447	3.8	141
532	Cationic NHC-gold(I) complexes: Synthesis, isolation, and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 551-560	2.3	140
531	Synthesis and characterization of [Cu(NHC) ₂]X complexes: catalytic and mechanistic studies of hydrosilylation reactions. <i>Chemistry - A European Journal</i> , 2008 , 14, 158-68	4.8	140
530	A Cationic Iridium Complex Bearing an Imidazol-2-ylidene Ligand as Alkene Hydrogenation Catalyst. <i>Organometallics</i> , 2001 , 20, 1255-1258	3.8	137
529	N-heterocyclic carbene and phosphine ruthenium indenylidene precatalysts: a comparative study in olefin metathesis. <i>Chemistry - A European Journal</i> , 2007 , 13, 8029-36	4.8	135
528	Synthesis of N-heterocyclic carbene ligands and derived ruthenium olefin metathesis catalysts. <i>Nature Protocols</i> , 2011 , 6, 69-77	18.8	134
527	A [(NHC)CuCl] complex as a latent Click catalyst. <i>Chemical Communications</i> , 2008 , 4747-9	5.8	133
526	Au(I)-catalyzed cycloisomerization of 1,5-enynes bearing a propargylic acetate: formation of unexpected bicyclo[3.1.0]hexene. <i>Chemical Communications</i> , 2006 , 2048-50	5.8	133
525	Intramolecular C-H Activation Involving a Rhodium-Imidazol-2-ylidene Complex and Its Reaction with H ₂ and CO. <i>Organometallics</i> , 2000 , 19, 1194-1197	3.8	133
524	A Gold Catalyst for Carbene-Transfer Reactions from Ethyl Diazoacetate. <i>Angewandte Chemie</i> , 2005 , 117, 5418-5422	3.6	132
523	Direct C-H carboxylation with complexes of the coinage metals. <i>Chemical Communications</i> , 2011 , 47, 3021-4	5.8	131
522	[Pd(IPr*OMe)(acac)Cl]: Tuning the N-Heterocyclic Carbene in Catalytic C-N Bond Formation. <i>Organometallics</i> , 2013 , 32, 330-339	3.8	130
521	Organolanthanide-centered hydroamination/cyclization of aminoolefins. Expedient oxidative access to catalytic cycles. <i>Organometallics</i> , 1990 , 9, 1716-1718	3.8	128
520	Gold- and platinum-catalyzed cycloisomerization of enynyl esters versus allenyl esters: an experimental and theoretical study. <i>Chemistry - A European Journal</i> , 2009 , 15, 3243-60	4.8	122
519	Au/Ag-cocatalyzed aldoximes to amides rearrangement under solvent- and acid-free conditions. <i>Journal of Organic Chemistry</i> , 2010 , 75, 1197-202	4.2	121
518	Synthetic and Structural Studies of [AuCl ₃ (NHC)] Complexes. <i>Organometallics</i> , 2010 , 29, 394-402	3.8	121
517	Key processes in ruthenium-catalysed olefin metathesis. <i>Chemical Communications</i> , 2014 , 50, 10355-75	5.8	119
516	N-Heterocyclic Carbene-Copper(I) Complexes in Homogeneous Catalysis. <i>Synlett</i> , 2007 , 2007, 2158-2167	2.2	116

515	Structural requirements for the interaction of combretastatins with tubulin: how important is the trimethoxy unit?. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3033-7	3.9	116
514	[Pd(IPr*)(3-Cl-pyridinyl)Cl ₂]: A Novel and Efficient PEPPSI Precatalyst. <i>Organometallics</i> , 2012 , 31, 6947-6951	3.8	115
513	[(NHC)Au]-catalyzed rearrangement of allylic acetates. <i>Organic Letters</i> , 2007 , 9, 2653-6	6.2	112
512	N-Heterocyclic Carbene Palladium Complexes Bearing Carboxylate Ligands and Their Catalytic Activity in the Hydroarylation of Alkynes. <i>Organometallics</i> , 2004 , 23, 3752-3755	3.8	112
511	(p-cymene)RuLCl ₂ (L = 1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene and 1,3-Bis(2,6-diisopropylphenyl)imidazol-2-ylidene) and Related Complexes as Ring Closing Metathesis Catalysts. <i>Organometallics</i> , 1999 , 18, 3760-3763	3.8	112
510	Room-temperature activation of aryl chlorides in Suzuki-Miyaura coupling using a [Pd(micro-Cl)Cl(NHC)] ₂ complex (NHC = N-heterocyclic carbene). <i>Chemical Communications</i> , 2008 , 3190-2	5.8	111
509	TRANSITION METAL-CATALYZED HYDROSILYLATION OF CARBONYL COMPOUNDS AND IMINES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 2007 , 39, 523-559	1.1	111
508	Selectivity Switch in the Synthesis of Vinylgold(I) Intermediates. <i>Organometallics</i> , 2011 , 30, 6328-6337	3.8	110
507	Monomeric Cyclopentadienylnickel Methoxo and Amido Complexes: Synthesis, Characterization, Reactivity, and Use for Exploring the Relationship between H ₂ and M ₂ Bond Energies. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12800-12814	16.4	110
506	On the origin of selective nitrous oxide N-N bond cleavage by three-coordinate molybdenum(III) complexes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 7271-86	16.4	110
505	Coordinationally Unsaturated 16-Electron Ruthenium Allenylidene Complexes: Synthetic, Structural, and Catalytic Studies. <i>Organometallics</i> , 1999 , 18, 5187-5190	3.8	110
504	Electrochemical oxidation and nucleophilic addition reactions of metallocenes in electrospray mass spectrometry. <i>Analytical Chemistry</i> , 1994 , 66, 119-125	7.8	109
503	An industrially viable catalyst system for palladium-catalyzed telomerizations of 1,3-butadiene with alcohols. <i>Chemistry - A European Journal</i> , 2004 , 10, 3891-900	4.8	108
502	Complete control of the chemoselectivity in catalytic carbene transfer reactions from ethyl diazoacetate: an N-heterocyclic carbene-Cu system that suppresses diazo coupling. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10846-7	16.4	108
501	Efficient Sonogashira Reactions of Aryl Bromides with Alkynylsilanes Catalyzed by a Palladium/Imidazolium Salt System. <i>Organometallics</i> , 2002 , 21, 1020-1022	3.8	108
500	Hydrophenoxylation of alkynes by cooperative gold catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9767-71	16.4	107
499	The Cl ₂ (PCy ₃)(IMes)Ru(η ⁵ -CHPh) catalyst: olefin metathesis versus olefin isomerization. <i>Journal of Organometallic Chemistry</i> , 2002 , 643-644, 247-252	2.3	107
498	Catalytic activity of Pd(II) and Pd(II)/DAB-R systems for the Heck arylation of olefins. <i>Journal of Organometallic Chemistry</i> , 2003 , 687, 269-279	2.3	107

497	Rhodium alkoxide complexes. Formation of an unusually strong intermolecular hydrogen bond in (PMe ₃) ₃ Rh-Otol(HOtol). <i>Journal of the American Chemical Society</i> , 1987 , 109, 6563-6565	16.4	107
496	Catalytic Hydrogenation of Alkenes by the Ruthenium- π -Carbene Complex HRu(CO)Cl(PCy ₃)(IMes) (IMes = Bis(1,3-(2,4,6-trimethylphenyl)imidazol-2-ylidene). <i>Organometallics</i> , 2001 , 20, 794-797	3.8	105
495	[{Au(IPr)} ₂ (EOH)]X complexes: synthetic, structural and catalytic studies. <i>Chemistry - A European Journal</i> , 2011 , 17, 1238-46	4.8	103
494	Indenylidene Ruthenium Complex Bearing a Sterically Demanding NHC Ligand: An Efficient Catalyst for Olefin Metathesis at Room Temperature. <i>Organometallics</i> , 2009 , 28, 2848-2854	3.8	103
493	Double C-H activation in a Rh-NHC complex leading to the isolation of a 14-electron Rh(III) complex. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5054-5	16.4	103
492	Four-Coordinate Molybdenum Chalcogenide Complexes Relevant to Nitrous Oxide N-N Bond Cleavage by Three-Coordinate Molybdenum(III): Synthesis, Characterization, Reactivity, and Thermochemistry. <i>Journal of the American Chemical Society</i> , 1998 , 120, 2071-2085	16.4	101
491	A Versatile Cuprous Synthon: [Cu(IPr)(OH)] (IPr = 1,3 bis(diisopropylphenyl)imidazol-2-ylidene). <i>Organometallics</i> , 2010 , 29, 3966-3972	3.8	99
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