

Steven P. Nolan

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.

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	The effect of cocoa alkalization on the non-volatile and volatile mood-enhancing compounds.. <i>Food Chemistry</i> , 2022 , 381, 132082	8.5	3
621	Unveiling the complexity of the dual gold(I) catalyzed intermolecular hydroamination of alkynes leading to vinylazoles. <i>Molecular Catalysis</i> , 2022 , 518, 112090	3.3	0
620	Silver-catalyzed site-selective C(sp)-H benzylation of ethers with N-triftosylhydrazones.. <i>Nature Communications</i> , 2022 , 13, 1674	17.4	1
619	Reaction Parameterization as a Tool for Development in Organometallic Catalysis 2021 ,		
618	Gold N-Heterocyclic Carbene Catalysts for the Hydrofluorination of Alkynes Using Hydrofluoric Acid: Reaction Scope, Mechanistic Studies and the Tracking of Elusive Intermediates. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	2
617	Continuous Flow Synthesis of Metal-NHC Complexes*. <i>Chemistry - A European Journal</i> , 2021 , 27, 5653-5668	4.8	15
616	Synthesis of Gold(I)-Trifluoromethyl Complexes and their Role in Generating Spectroscopic Evidence for a Gold(I)-Difluorocarbene Species. <i>Chemistry - A European Journal</i> , 2021 , 27, 8461-8467	4.8	2
615	A critical review of palladium organometallic anticancer agents. <i>Cell Reports Physical Science</i> , 2021 , 2, 100446	6.1	16
614	Impact of alkalization conditions on the phytochemical content of cocoa powder and the aroma of cocoa drinks. <i>LWT - Food Science and Technology</i> , 2021 , 145, 111181	5.4	2
613	Simple Synthetic Routes to Carbene-M-Amido (M=Cu, Ag, Au) Complexes for Luminescence and Photocatalysis Applications. <i>Chemistry - A European Journal</i> , 2021 , 27, 11904-11911	4.8	15
612	Fluoroalkyl N-Triftosylhydrazones as Easily Decomposable Diazo Surrogates for Asymmetric [2 + 1] Cycloaddition: Synthesis of Chiral Fluoroalkyl Cyclopropenes and Cyclopropanes. <i>ACS Catalysis</i> , 2021 , 11, 8527-8537	13.1	7
611	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6362	3.1	3
610	Optimizing Catalyst and Reaction Conditions in Gold(I) Catalysis-Ligand Development. <i>Chemical Reviews</i> , 2021 , 121, 8559-8612	68.1	20
609	Protocol for Palladium/N-Heterocyclic Carbene-Catalyzed Suzuki-Miyaura Cross-Coupling of Amides by N(O) Activation. <i>Synthesis</i> , 2021 , 53, 682-687	2.9	2
608	The mechanism of carboxylative cyclization of propargylamine by N-heterocyclic carbene complexes of Au(I). <i>Journal of Organometallic Chemistry</i> , 2021 , 934, 121583	2.3	1
607	Synthesis and catalytic activity of palladium complexes bearing -heterocyclic carbenes (NHCs) and 1,4,7-triaza-9-phosphatricyclo[5.3.2.1]tridecane (CAP) ligands. <i>Dalton Transactions</i> , 2021 , 50, 9491-9499	4.3	3
606	A simple synthesis of [RuCl(NHC)(p-cymene)] complexes and their use in olefin oxidation catalysis. <i>Dalton Transactions</i> , 2021 , 50, 3959-3965	4.3	7

605	Simple synthesis of [Ru(CO)(NHC)(-cymene)] complexes and their use in transfer hydrogenation catalysis. <i>Dalton Transactions</i> , 2021 , 50, 13012-13019	4.3	2
604	Recent advances in the synthesis and derivatization of N-heterocyclic carbene metal complexes. <i>Dalton Transactions</i> , 2021 , 50, 12058-12068	4.3	4
603	Suzuki-Miyaura Cross-Coupling of Esters by Selective O-C(O) Cleavage Mediated by Air- and Moisture-Stable [Pd(NHC)(EtCl)Cl] Precatalysts: Catalyst Evaluation and Mechanism. <i>Catalysis Science and Technology</i> , 2021 , 11, 3189-3197	5.5	8
602	Straightforward synthetic route to gold(I)-thiolato glycoconjugate complexes bearing NHC ligands (NHC = N-heterocyclic carbene) and their promising anticancer activity. <i>New Journal of Chemistry</i> , 2021 , 45, 9995-10001	3.6	3
601	Mechanistic Aspects of the Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2021 , 27, 13481-13493	4.8	18
600	Continuous Flow Synthesis of [Au(NHC)(Aryl)] (NHC=N-Heterocyclic Carbene) Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 13342-13345	4.8	1
599	A Simple Synthetic Route to [Rh(acac)(CO)(NHC)] Complexes: Ligand Property Diagnostic Tools and Precatalysts. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3506-3511	2.3	0
598	Silver N-heterocyclic carbenes: emerging powerful catalysts. <i>Trends in Chemistry</i> , 2021 , 3, 674-685	14.8	8
597	In vitro and in cellulo anti-diabetic activity of AuI- and AuIII-isothiourea complexes. <i>Inorganic Chemistry Communication</i> , 2021 , 130, 108666	3.1	
596	Au ^{III} -H-C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21014-21024	16.4	17
595	Platinum-Catalyzed Alkene Hydrosilylation: Solvent-Free Process Development from Batch to a Membrane-Integrated Continuous Process. <i>ChemSusChem</i> , 2021 , 14, 3810-3814	8.3	0
594	Au ^{III} -H-C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. <i>Angewandte Chemie</i> , 2021 , 133, 21182-21192	19.4	4
593	Frontispiece: Mechanistic Aspects of the Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2021 , 27,	4.8	2
592	Integrating membrane separation with gold-catalyzed carboxylative cyclization of propargylamine and catalyst recovery via organic solvent nanofiltration. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 3371	3.5	
591	Synthesis of N-heterocyclic carbene gold(I) complexes. <i>Nature Protocols</i> , 2021 , 16, 1476-1493	18.8	22
590	The "weak base route" leading to transition metal-N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2021 , 57, 3836-3856	5.8	23
589	N-Heterocyclic carbene complexes enabling the α -arylation of carbonyl compounds. <i>Chemical Communications</i> , 2021 , 57, 4354-4375	5.8	10
588	Conversion of Pd(I) off-cycle species into highly efficient cross-coupling catalysts. <i>Dalton Transactions</i> , 2021 , 50, 5420-5427	4.3	3

587	. <i>IEEE Transactions on Transportation Electrification</i> , 2020 , 6, 1819-1829	7.6	1
586	Improving process efficiency of gold-catalyzed hydration of alkynes: merging catalysis with membrane separation. <i>Green Chemistry</i> , 2020 , 22, 2598-2604	10	11
585	Using sodium acetate for the synthesis of [Au(NHC)X] complexes. <i>Dalton Transactions</i> , 2020 , 49, 9694-9700	10	14
584	Simple Synthetic Routes to N-Heterocyclic Carbene Gold(I)-Aryl Complexes: Expanded Scope and Reactivity. <i>Chemistry - A European Journal</i> , 2020 , 26, 5541-5551	4.8	25
583	N-Heterocyclic Carbene Complexes in C-H Activation Reactions. <i>Chemical Reviews</i> , 2020 , 120, 1981-2048	68.1	211
582	Buchwald-Hartwig cross-coupling of amides (transamidation) by selective N-H(O) cleavage mediated by air- and moisture-stable [Pd(NHC)(allyl)Cl] precatalysts: catalyst evaluation and mechanism. <i>Catalysis Science and Technology</i> , 2020 , 10, 710-716	5.5	35
581	A general protocol for the synthesis of Pt-NHC (NHC = N-heterocyclic carbene) hydrosilylation catalysts. <i>Dalton Transactions</i> , 2020 , 49, 14673-14679	4.3	10
580	Synthesis, in silico and in vitro Evaluation of Novel Oxazolopyrimidines as Promising Anticancer Agents. <i>Helvetica Chimica Acta</i> , 2020 , 103, e2000169	2	2
579	Synthesis, reactivity and catalytic activity of Au-PAd complexes. <i>Dalton Transactions</i> , 2020 , 49, 13872-13879	10	6
578	Design Concepts for N-Heterocyclic Carbene Ligands. <i>Trends in Chemistry</i> , 2020 , 2, 1096-1113	14.8	11
577	Straightforward access to chalcogenoureas derived from N-heterocyclic carbenes and their coordination chemistry. <i>Dalton Transactions</i> , 2020 , 49, 12068-12081	4.3	15
576	[Pd(NHC)(EtCl)Cl]: Versatile and Highly Reactive Complexes for Cross-Coupling Reactions that Avoid Formation of Inactive Pd(I) Off-Cycle Products. <i>IScience</i> , 2020 , 23, 101377	6.1	24
575	Synthetic Routes to Late Transition Metal-NHC Complexes. <i>Trends in Chemistry</i> , 2020 , 2, 721-736	14.8	59
574	Dinuclear Gold(I) Complexes Bearing Alkyl-Bridged Bis(N-heterocyclic carbene) Ligands as Catalysts for Carboxylative Cyclization of Propargylamine: Synthesis, Structure, and Kinetic and Mechanistic Comparison to the Mononuclear Complex [Au(IPr)Cl]. <i>Organometallics</i> , 2020 , 39, 2907-2916	3.8	11
573	The anticancer activity of an air-stable Pd(I)-NHC (NHC = N-heterocyclic carbene) dimer. <i>Chemical Communications</i> , 2020 , 56, 12238-12241	5.8	14
572	Dinuclear gold(i) complexes: from bonding to applications. <i>Chemical Society Reviews</i> , 2020 , 49, 7044-7108	98.5	33
571	Understanding existing and designing novel synthetic routes to Pd-PEPPSI-NHC and Pd-PEPPSI-PR pre-catalysts. <i>Chemical Communications</i> , 2020 , 56, 5953-5956	5.8	18
570	A Mechanistically and Operationally Simple Route to Metal-N-Heterocyclic Carbene (NHC) Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 4515-4519	4.8	31

569	Mizoroki-Hiyama Cross-Coupling of Acrylate Derivatives with Aryl Halides Catalyzed by Palladate Pre-Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4695-4699	2.3	8
568	Quantifying electronic similarities between NHC-gold(i) complexes and their isolobal imidazolium precursors. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15615-15622	3.6	7
567	Regression analysis of properties of [Au(IPr)(CHR)] complexes. <i>Dalton Transactions</i> , 2019 , 48, 7693-7703	4.3	4
566	Synthesis and reactivity of [Au(NHC)(Bpin)] complexes. <i>Chemical Communications</i> , 2019 , 55, 6799-6802	5.8	17
565	[Pd(NHC)(acac)Cl]: Well-Defined, Air-Stable, and Readily Available Precatalysts for Suzuki and Buchwald-Hartwig Cross-coupling (Transamidation) of Amides and Esters by N-C/O-C Activation. <i>Organic Letters</i> , 2019 , 21, 3304-3309	6.2	56
564	Gold(i) catalysed regio- and stereoselective intermolecular hydroamination of internal alkynes: towards functionalised azoles. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3805-3811	3.9	14
563	Palladate Precatalysts for the Formation of C-N and C-S Bonds. <i>Organometallics</i> , 2019 , 38, 2812-2817	3.8	15
562	2-Methyltetrahydrofuran (2-MeTHF): A Green Solvent for Pd-NHC-Catalyzed Amide and Ester Suzuki-Miyaura Cross-Coupling by N-O Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5654-5660	5.6	24
561	Investigating the Biological Activity of Imidazolium Aurate Salts. <i>ChemistrySelect</i> , 2019 , 4, 11061-11065	1.8	2
560	A simple ¹ H NMR method for determining the donor properties of N-heterocyclic carbenes. <i>Tetrahedron Letters</i> , 2019 , 60, 378-381	2	42
559	Synthesis of Di-Substituted Alkynes via Palladium-Catalyzed Decarboxylative Coupling and C-H Activation. <i>ChemistrySelect</i> , 2019 , 4, 5-9	1.8	9
558	Chiral Au - and Au -Isothiourea Complexes: Synthesis, Characterization and Application. <i>Chemistry - A European Journal</i> , 2019 , 25, 1064-1075	4.8	8
557	Mechanistic Study of Suzuki-Miyaura Cross-Coupling Reactions of Amides Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. <i>ChemCatChem</i> , 2018 , 10, 3096-3106	5.2	58
556	The effect of shear flow on microreactor clogging. <i>Chemical Engineering Journal</i> , 2018 , 341, 639-647	14.7	16
555	Catalytic effectiveness of azobisisobutyronitrile/[SiMes)Ru(PPH3)(Ind)Cl2 initiating system in the polymerization of methyl methacrylate and other vinylic monomers. <i>Arabian Journal of Chemistry</i> , 2018 , 11, 1017-1031	5.9	
554	Insights into the Catalytic Activity of [Pd(NHC)(cin)Cl] (NHC=IPr, IPrCl, IPrBr) Complexes in the Suzuki-Miyaura Reaction. <i>ChemCatChem</i> , 2018 , 10, 601-611	5.2	14
553	Synthesis, Characterization and Catalytic Activity of NHC Gold(I) Polyoxometalate Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 12630-12637	4.8	10
552	Metallate Complexes of the Late Transition Metals: Organometallic Chemistry and Catalysis. <i>Advances in Organometallic Chemistry</i> , 2018 , 283-327	3.8	8

551	Ligand-Directed Reactivity in Dioxygen and Water Binding to cis-[Pd(NHC)(ED)]. <i>Journal of the American Chemical Society</i> , 2018 , 140, 264-276	16.4	1
550	PMO-Immobilized Au -NHC Complexes: Heterogeneous Catalysts for Sustainable Processes. <i>ChemPhysChem</i> , 2018 , 19, 430-436	3.2	7
549	In vitro Anti-atherogenic Properties of N-Heterocyclic Carbene Aurate(I) Compounds. <i>ChemMedChem</i> , 2018 , 13, 2484-2487	3.7	11
548	The activity of indenylidene derivatives in olefin metathesis catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2956-2963	2.5	8
547	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
546	Towards environmentally friendlier Suzuki-Miyaura reactions with precursors of Pd-NHC (NHC = N-heterocyclic carbene) complexes. <i>Green Chemistry</i> , 2018 , 20, 3246-3252	10	27
545	POM@IL-MOFs [Inclusion of POMs in ionic liquid modified MOFs to produce recyclable oxidation catalysts. <i>Catalysis Science and Technology</i> , 2017 , 7, 1478-1487	5.5	42
544	Quantifying and understanding the steric properties of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2017 , 53, 2650-2660	5.8	192
543	Mild, Aqueous β -Arylation of Ketones: Towards New Diversification Tools for Halogenated Metabolites and Drug Molecules. <i>Chemistry - A European Journal</i> , 2017 , 23, 3832-3836	4.8	18
542	[1,3-Bis[2,6-bis(1-methylethyl)phenyl]-1,3-dihydro-2H-imidazol-2-ylidene]hydroxy Gold 2017 , 1-5		1
541	A simple synthetic entryway into palladium cross-coupling catalysis. <i>Chemical Communications</i> , 2017 , 53, 7990-7993	5.8	43
540	N-heterocyclic carbene complexes of palladium in oxygen atom transfer reactions involving the making and breaking of N-O bonds. <i>Inorganica Chimica Acta</i> , 2017 , 468, 285-293	2.7	1
539	Mechanism of the Suzuki-Miyaura Cross-Coupling Reaction Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. <i>Organometallics</i> , 2017 , 36, 2088-2095	3.8	53
538	Expedient Syntheses of Neutral and Cationic Au(I)-NHC Complexes. <i>Organometallics</i> , 2017 , 36, 3645-3653	3.8	13
537	Mechanism of the Catalytic Carboxylation of Alkylboronates with CO Using Ni-NHC Complexes: A DFT Study. <i>Chemistry - A European Journal</i> , 2017 , 23, 14954-14961	4.8	10
536	Ruthenium-catalysed decomposition of formic acid: Fuel cell and catalytic applications. <i>Molecular Catalysis</i> , 2017 , 440, 184-189	3.3	19
535	Inner-Sphere versus Outer-Sphere Coordination of BF ₄ ⁻ in a NHC-Gold(I) Complex. <i>Organometallics</i> , 2017 , 36, 2861-2869	3.8	19
534	In vitro Biological Activities of Gold(I) and Gold(III) Bis(N-Heterocyclic Carbene) Complexes. <i>ChemistrySelect</i> , 2017 , 2, 5316-5320	1.8	8

533	Optimized network planning of mini-grids for the rural electrification of developing countries 2017 ,		1
532	General Method for the Suzuki-Miyaura Cross-Coupling of Primary Amide-Derived Electrophiles Enabled by [Pd(NHC)(cin)Cl] at Room Temperature. <i>Organic Letters</i> , 2017 , 19, 6510-6513	6.2	52
531	New Ligands 2017 , 809-950		0
530	Hydroxide complexes of the late transition metals: Organometallic chemistry and catalysis. <i>Coordination Chemistry Reviews</i> , 2017 , 353, 278-294	23.2	29
529	A new initiating system based on [(SiMes)Ru(PPh)(Ind)Cl] combined with azo-bis-isobutyronitrile in the polymerization and copolymerization of styrene and methyl methacrylate. <i>Designed Monomers and Polymers</i> , 2017 , 20, 167-176	3.1	3
528	Gold- N-Heterocyclic Carbene Complexes of Mineral Acids. <i>ChemCatChem</i> , 2017 , 9, 117-120	5.2	17
527	Sequential Functionalization of Alkynes and Alkenes Catalyzed by Gold(I) and Palladium(II) N-Heterocyclic Carbene Complexes. <i>ChemCatChem</i> , 2016 , 8, 3381-3388	5.2	21
526	A Switchable Gold Catalyst by Encapsulation in a Self-Assembled Cage. <i>Chemistry - A European Journal</i> , 2016 , 22, 14836-14839	4.8	54
525	Gold(I)-Catalysed Cyclisation of Alkynoic Acids: Towards an Efficient and Eco-Friendly Synthesis of β and γ -Lactones. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3857-3862	5.6	28
524	Sonication-Assisted Synthesis of (E)-2-Methyl-but-2-enyl Nucleoside Phosphonate Prodrugs. <i>ChemistrySelect</i> , 2016 , 1, 3108-3113	1.8	7
523	Synthesis, characterization and catalytic activity of stable [(NHC)H][ZnXY ₂] (NHC =N-Heterocyclic carbene, X, Y = Cl, Br) species. <i>Journal of Molecular Catalysis A</i> , 2016 , 423, 85-91		7
522	1,3-Bis(2,6-diisopropylphenyl)imidazol-2-ylidene 2016 , 1-3		
521	How easy is CO ₂ fixation by M π bond containing complexes (M = Cu, Ni, Co, Rh, Ir)?. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 19-23	5.2	21
520	Recyclable NHC Catalyst for the Development of a Generalized Approach to Continuous Buchwald-Hartwig Reaction and Workup. <i>Organic Process Research and Development</i> , 2016 , 20, 551-557	3.9	33
519	Transition metal bifluorides. <i>Coordination Chemistry Reviews</i> , 2016 , 307, 65-80	23.2	11
518	Scope and limitations of the dual-gold-catalysed hydrophenoxylation of alkynes. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 172-8	2.5	15
517	On the Mechanism of the Digold(I)-Hydroxide-Catalysed Hydrophenoxylation of Alkynes. <i>Chemistry - A European Journal</i> , 2016 , 22, 1125-32	4.8	41
516	In Silico Olefin Metathesis with Ru-Based Catalysts Containing N-Heterocyclic Carbenes Bearing C ₆₀ Fullerenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6617-23	4.8	9

515 1. Grignard Reagents and Palladium **2016**, 1-60

514	Catalytic β -Arylation of Imines Leading to N-Unprotected Indoles and Azaindoles. <i>ACS Catalysis</i> , 2016 , 6, 2930-2938	13.1	23
513	Synthesis, Structure and Catalytic Activity of NHC-Ag(I) Carboxylate Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 13320-7	4.8	22
512	Synthesis of AuI- and AuIII-Bis(NHC) Complexes: Ligand Influence on Oxidative Addition to AuI Species. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4111-4122	2.3	25
511	Mechanism of the Transmetalation of Organosilanes to Gold. <i>ChemistryOpen</i> , 2016 , 5, 60-4	2.3	9
510	Gold-NHC complexes as potent bioactive compounds. <i>ChemistrySelect</i> , 2016 , 1, 76-80	1.8	20
509	General and mild Ni(0)-catalyzed β -arylation of ketones using aryl chlorides. <i>Chemistry - A European Journal</i> , 2015 , 21, 3906-9	4.8	31
508	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the β -accepting abilities of π -heterocyclic carbenes?. <i>Chemical Science</i> , 2015 , 6, 1895-1904	9.4	201
507	A microfluidic approach for flexible and efficient operation of a cross-coupling reactive flow. <i>RSC Advances</i> , 2015 , 5, 63786-63792	3.7	15
506	Synthesis of (diarylmethyl)amines using Ni-catalyzed arylation of C(sp)-H bonds. <i>Chemical Science</i> , 2015 , 6, 4973-4977	9.4	45
505	Gold-acetonyl complexes: from side-products to valuable synthons. <i>Chemistry - A European Journal</i> , 2015 , 21, 5403-12	4.8	41
504	Gold(I)-catalysed dehydrative formation of ethers from benzylic alcohols and phenols. <i>Green Chemistry</i> , 2015 , 17, 3819-3825	10	22
503	Synthesis of an Intermediate of Nafoxidine via Nickel-Catalyzed Ketone Arylation. <i>Synthesis</i> , 2015 , 47, 2032-2037	2.9	6
502	Highly Efficient Gold(I)-Catalyzed Regio- and Stereoselective Hydrocarboxylation of Internal Alkynes. <i>ACS Catalysis</i> , 2015 , 5, 6918-6921	13.1	58
501	Chiral Carbophilic Gold Lewis Acid Complexes in Enantioselective Catalysis. <i>Topics in Organometallic Chemistry</i> , 2015 , 51-90	0.6	9
500	Synthesis and Characterization of Gold(I) Complexes of Dibenzytropyliene-Functionalized NHC Ligands (Trop-NHCs). <i>Organometallics</i> , 2015 , 34, 263-274	3.8	15
499	Hydrofluorination of Alkynes Catalysed by Gold Bifluorides. <i>ChemCatChem</i> , 2015 , 7, 240-244	5.2	66
498	Synthesis and characterisation of Au(I)-(ITent) complexes. <i>Journal of Organometallic Chemistry</i> , 2015 , 775, 152-154	2.3	15

497	Fluoride, bifluoride and trifluoromethyl complexes of iridium(I) and rhodium(I). <i>Chemical Communications</i> , 2015 , 51, 62-5	5.8	15
496	Mechanism of CO ₂ Fixation by IrI ₃ Bonds (X = OH, OR, N, C). <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4653-4657	2.3	17
495	Gold(I)-Assisted π -Allylation of Enals and Enones with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14885-9	16.4	24
494	Gold(I)-Assisted π -Allylation of Enals and Enones with Alcohols. <i>Angewandte Chemie</i> , 2015 , 127, 15098-15102	5.102	5
493	Arylation of Amines in Alkane Solvents by using Well-Defined Palladium π -Heterocyclic Carbene Complexes. <i>ChemCatChem</i> , 2015 , 7, 4021-4024	5.2	19
492	Competitive Gold-Promoted Meyer-Schuster and oxy-Cope Rearrangements of 3-Acyloxy-1,5-enynes: Selective Catalysis for the Synthesis of (+)-(S)- β -onone and (-)-(2S,6 R)-cis- β -rone. <i>Chemistry - A European Journal</i> , 2015 , 21, 14068-74	4.8	9
491	Influence of bulky yet flexible N-heterocyclic carbene ligands in gold catalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1809-14	2.5	12
490	Olefin metathesis in air. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2038-56	2.5	30
489	N-Heterocyclic carbenes. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2474-5	2.5	
488	Continuous Flow Metathesis for Direct Valorization of Food Waste: An Example of Cocoa Butter Triglyceride. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1453-1459	8.3	21
487	The mechanism of CO ₂ insertion into iridium(I) hydroxide and alkoxide bonds: a kinetics and computational study. <i>Chemistry - A European Journal</i> , 2015 , 21, 6930-5	4.8	13
486	The Suzuki-Miyaura Reaction Performed Using a Palladium π -Heterocyclic Carbene Catalyst and a Weak Inorganic Base. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1920-1924	3.2	25
485	Transition Metal-Catalyzed Carboxylation of Organic Substrates with Carbon Dioxide. <i>Topics in Organometallic Chemistry</i> , 2015 , 225-278	0.6	19
484	The gold(i)-catalysed protodecarboxylation mechanism. <i>Chemistry - A European Journal</i> , 2015 , 21, 3399-408	4.1	16
483	Evaluation of an olefin metathesis pre-catalyst with a bulky and electron-rich N-heterocyclic carbene. <i>Journal of Organometallic Chemistry</i> , 2015 , 780, 43-48	2.3	24
482	Stereoselective Gold(I)-Catalyzed Intermolecular Hydroalkoxlation of Alkynes. <i>ACS Catalysis</i> , 2015 , 5, 1330-1334	13.1	71
481	Enthalpies of ligand substitution for [Mo(η -C ₅ H ₅)(CO) ₂ (NO)] The role of π -bonding effects in metal-ligand bond strengths. <i>Journal of Chemical Thermodynamics</i> , 2014 , 73, 156-162	2.9	
480	Chemoselective Ruthenium-Catalysed Reduction of Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 308-312	5.6	26

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27	Synthesis and characterization of an organoyttrium dimer produced via an Arbuzov dealkylation reaction. <i>Organometallics</i> , 1992 , 11, 3459-3462	3.8	11
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