

Bekir Cetinkaya

List of Publications by Year in descending order

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Direct Arylation of Arene C-H Bonds by Cooperative Action of NHCarbene ⁺ Ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. <i>Journal of the American Chemical Society</i> , 2008, 130, 1156-1157.	6.6	367
2	6-Mesityl,1-Imidazolinylidene ⁺ Carbene ⁺ Ruthenium(II) Complexes: Catalytic Activity of their Allenylidene Derivatives in Alkene Metathesis and Cycloisomerisation Reactions. <i>Chemistry - A European Journal</i> , 2003, 9, 2323-2330.	1.7	149
3	Highly Selective and Reactive (salan)CrCl Catalyst for the Copolymerization and Block Copolymerization of Epoxides with Carbon Dioxide. <i>Macromolecules</i> , 2009, 42, 6992-6998.	2.2	139
4	New (Carbene)ruthenium ⁺ Arene Complexes: Preparation and Uses in Catalytic Synthesis of Furans. <i>Organometallics</i> , 1996, 15, 2434-2439.	1.1	132
5	Selective palladium-catalyzed arylation(s) of benzaldehyde derivatives by N-heterocarbene ligands. <i>Tetrahedron Letters</i> , 2005, 46, 2273-2277.	0.7	127
6	First ruthenium complexes with a chelating arene carbene ligand as catalytic precursors for alkene metathesis and cycloisomerisation. <i>New Journal of Chemistry</i> , 2001, 25, 519-521.	1.4	117
7	Synthesis and catalytic properties of N-functionalized carbene complexes of rhodium(I) and ruthenium(II). <i>Journal of Organometallic Chemistry</i> , 1997, 534, 153-158.	0.8	108
8	Carbene complexes. Part VIII. Chromium(0), iron(0), rhodium(I), iridium(I), nickel(II), palladium(II), platinum(II), and gold(I) mono- and oligo-carbene species from electron-rich olefins. <i>Journal of the Chemical Society Dalton Transactions</i> , 1974, , 1827.	1.1	106
9	Synthesis of a water-soluble carbene complex and its use as catalyst for the synthesis of 2,3-dimethylfuran. <i>Journal of Organometallic Chemistry</i> , 2001, 633, 27-32.	0.8	97
10	Annulated N-Heterocyclic Carbene Ligands Derived from 2-Methylaminopiperidine: Their Complexes and Catalytic Applications. <i>Organometallics</i> , 2008, 27, 571-575.	1.1	96
11	Active ruthenium-(N-heterocyclic carbene) complexes for hydrogenation of ketones. <i>Applied Organometallic Chemistry</i> , 2006, 20, 322-327.	1.7	92
12	Ruthenium(II) complexes with 2,6-pyridyl-diimine ligands: synthesis, characterization and catalytic activity in epoxidation reactions. <i>Journal of Molecular Catalysis A</i> , 1999, 142, 101-112.	4.8	89
13	Synthetic and antimicrobial studies on new gold(I) complexes of imidazolidin-2-ylidenes. <i>Applied Organometallic Chemistry</i> , 2004, 18, 318-322.	1.7	86
14	Effect of immobilization on catalytic characteristics of saturated Pd-N-heterocyclic carbenes in Mizoroki ⁺ Heck reactions. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3027-3036.	0.8	80
15	Improved palladium-catalyzed coupling reactions of aryl halides using saturated N-heterocarbene ligands. <i>Journal of Molecular Catalysis A</i> , 2004, 209, 23-28.	4.8	76
16	Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. <i>Journal of Molecular Catalysis A</i> , 1997, 118, L1-L4.	4.8	75
17	Aqueous-phase Suzuki ⁺ Miyaura cross-coupling reactions catalyzed by Pd-NHC complexes. <i>Dalton Transactions</i> , 2009, , 7039.	1.6	71
18	Iridium(I)-Catalyzed Alkylation Reactions To Form α -Alkylated Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 2875-2881.	1.7	70

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19	Iridium(I)-Catalyzed C-C and C-N Bond Formation Reactions via the Borrowing Hydrogen Strategy. <i>Journal of Organic Chemistry</i> , 2019, 84, 6286-6297.	1.7	69
20	Ruthenium(II) N-heterocyclic Carbene Complexes in the Transfer Hydrogenation of Ketones. <i>Transition Metal Chemistry</i> , 2005, 30, 831-835.	0.7	66
21	1,3-Diarylimidazolidin-2-ylidene (NHC) complexes of Pd(II): Electronic effects on cross-coupling reactions and thermal decompositions. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 3749-3759.	0.8	65
22	Synthesis and structures of 1,3,1,3-tetrabenzyl-2,2-biimidazolinylienes (electron-rich alkenes), their amination intermediates and their degradation products. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 2047-2054.	0.9	63
23	Efficient Transfer Hydrogenation Using Iridium and Rhodium Complexes of Benzannulated N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5418-5423.	1.0	63
24	Synthesis and immobilization of N-heterocyclic carbene complexes of Ru(II): catalytic activity and recyclability for the furan formation. <i>Journal of Molecular Catalysis A</i> , 2002, 184, 31-38.	4.8	62
25	Conversion of carbon dioxide to cyclic carbonates using diimine Ru(II) complexes as catalysts. <i>Applied Organometallic Chemistry</i> , 2009, 23, 68-74.	1.7	59
26	Unsaturated η^5 -hydrocarbyl transition-metal complexes. Part I. Tri-methyltin acetylides as sources of late transition-metal derivatives: metathesis, oxidative addition, and oxidative cleavage. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 1202-1208.	1.1	57
27	A general synthesis of transition-metal carbene complexes: Cr(0), Fe(0), Ir(I), Ni(II), Pd(II), Pt(II), and Au(I) mono- and oligo-carbene species from electron-rich olefins. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 206.	2.0	55
28	Silica-supported 3-(4,5-dihydroimidazol-1-yl)propyltriethoxysilane-dichloropalladium(II) complex: Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2003, 17, 776-780.	1.7	54
29	Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1942-1949.	1.0	54
30	Preparation of a series of Ru(II) complexes with N-heterocyclic carbene ligands for the catalytic transfer hydrogenation of aromatic ketones. <i>Dalton Transactions</i> , 2012, 41, 2330-2339.	1.6	54
31	Carbene complexes. <i>Journal of Organometallic Chemistry</i> , 1993, 459, 311-317.	0.8	53
32	Photocharacterization of a novel fluorescent Schiff Base and investigation of its utility as an optical Fe ³⁺ sensor in PVC matrix. <i>Dyes and Pigments</i> , 2007, 74, 730-735.	2.0	53
33	Palladium-catalyzed Suzuki reaction using 1,3-dialkylbenzimidazol-2-ylidene ligands in aqueous media. <i>Heteroatom Chemistry</i> , 2004, 15, 419-423.	0.4	50
34	In situ generated palladium catalysts bearing 1,3-dialkylperimidin-2-ylidene ligands for Suzuki reactions of aryl chlorides. <i>Journal of Molecular Catalysis A</i> , 2004, 217, 37-40.	4.8	49
35	Chelating 1,6-Arene-1-carbene Ligands in Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2862-2869.	1.0	49
36	Unusual products in the reactions of hexachlorocyclotriphosphazatriene with sodium aryloxides. <i>Heteroatom Chemistry</i> , 1996, 7, 249-256.	0.4	48

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37	Chitosan-ferrocene film as a platform for flow injection analysis applications of glucose oxidase and <i>Gluconobacter oxydans</i> biosensors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 100, 62-68.	2.5	48
38	Benzylidene Imidazolium, 3,4,5,6-Tetrahydropyrimidinium and Benzimidazolium Salts: Applications in Ruthenium-Catalyzed Allylic Substitution Reactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2142-2149.	1.2	47
39	Transfer Hydrogenation of Ketones by Ruthenium Complexes Bearing Benzimidazol-2-ylidene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3051-3056.	1.0	46
40	Preparation and characterisation of some 4,4-dimethylbuta-1,3-dienone-transition metal carbonyls. <i>Journal of Organometallic Chemistry</i> , 1978, 159, 63-72.	0.8	45
41	Palladium-catalysed Suzuki reaction of aryl chlorides in aqueous media using 1,3-dialkylimidazol-2-ylidene ligands. <i>Applied Organometallic Chemistry</i> , 2005, 19, 55-58.	1.7	45
42	Use of bis(benzimidazolium)-palladium system as a convenient catalyst for Heck and Suzuki coupling reactions of aryl bromides and chlorides. <i>Applied Organometallic Chemistry</i> , 2006, 20, 254-259.	1.7	45
43	N-Benzyl Substituted N-Heterocyclic Carbene Complexes of Iridium(I): Assessment in Transfer Hydrogenation Catalyst. <i>Inorganic Chemistry</i> , 2013, 52, 10601-10609.	1.9	45
44	Cross coupling reactions catalyzed by (NHC)Pd(II) complexes. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1115-1157.	0.5	45
45	Synthesis of N-heterocyclic carbene-palladium-PEPSSI complexes and their catalytic activity in the direct C-H bond activation. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 404-412.	0.8	45
46	Mono- and binuclear ruthenium(II) complexes containing pyridine-2,6-diimine (Pydim) ligands: Synthesis, characterization and catalytic activity in the transfer hydrogenation of acetophenone. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 134-141.	4.8	44
47	Iridium(i) N-heterocyclic carbene complexes of benzimidazol-2-ylidene: effect of electron donating groups on the catalytic transfer hydrogenation reaction. <i>Dalton Transactions</i> , 2013, 42, 7305-7311.	1.6	44
48	Use of tetrahydropyrimidinium salts for highly efficient palladium-catalyzed cross-coupling reactions of aryl bromides and chlorides. <i>Tetrahedron</i> , 2005, 61, 9791-9798.	1.0	42
49	Silver, Palladium and Rhodium Complexes of Acenaphthylene-Anullated N-Heterocyclic Carbene Ligands: A Comparative Study. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4915-4921.	1.0	42
50	Carbene complexes. Part III. Carbon-13 nuclear magnetic resonance studies of carbene complexes of 1,3-diorganoimidazol-2-ylidenes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 1982.	1.1	41
51	Access to 3-Methyl-4-methylene-N-tosylpyrrolidine and 3,4-Dimethyl-N-tosylpyrrolidine by Ruthenium-Catalyzed Cascade Cycloisomerization/Isomerization Reactions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 418-422.	1.0	41
52	Surface Modification of Inorganic Oxide Particles with a Carbene Complex of Palladium: A Recyclable Catalyst for the Suzuki Reaction. <i>Journal of Inorganic and Organometallic Polymers</i> , 2004, 14, 149-159.	1.5	40
53	Synthesis of novel rhodium-carbene complexes as efficient catalysts for addition of phenylboronic acid to aldehydes. <i>Journal of Molecular Catalysis A</i> , 2004, 215, 45-48.	4.8	40
54	Synthesis and use of mono- or bisxylyl linked bis(benzimidazolium) bromides as carbene precursors for C-C bond formation reactions. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 425-434.	0.8	39

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55	Palladium(II)-NHC complexes containing benzimidazole ligand as a catalyst for C-N bond formation. <i>Applied Organometallic Chemistry</i> , 2011, 25, 163-167.	1.7	39
56	Palladium(II) complexes with planar chiral ferrocenyl phosphane-(benz)imidazol-2-ylidene ligands. <i>New Journal of Chemistry</i> , 2014, 38, 338-347.	1.4	39
57	2-Imidazoline and 1,4,5,6-tetrahydropyrimidin-2-ylidene ruthenium(II) complexes and catalytic synthesis of furan. <i>Journal of Organometallic Chemistry</i> , 1999, 575, 187-192.	0.8	38
58	Benzimidazole, Benzothiazole and Benzoxazole Ruthenium(II) Complexes; Catalytic Synthesis of 2,3-Dimethylfuran. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 29-32.	1.0	38
59	In situ generated 1-alkylbenzimidazole-palladium catalyst for the Suzuki coupling of aryl chlorides. <i>Journal of Molecular Catalysis A</i> , 2005, 234, 181-185.	4.8	38
60	Palladium(II) Complexes with Benzimidazol-2-ylidene and Phosphane Ligands and their Catalytic Activity in Mizoroki-Heck Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 285-294.	1.0	37
61	Silicon containing new salicylaldimine Pd(II) and Co(II) metal complexes as efficient catalysts in transformation of carbon dioxide (CO ₂) to cyclic carbonates. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1372-1379.	0.8	37
62	Suzuki-Miyaura Reaction of Unactivated Aryl Chlorides Using Benzimidazol-2-ylidene Ligands. <i>Synthetic Communications</i> , 2004, 34, 4135-4144.	1.1	36
63	Synthesis, characterization and catalytic activity of novel N-heterocyclic carbene-palladium complexes. <i>Dalton Transactions</i> , 2009, , 7087.	1.6	36
64	Synthesis and characterization of bidentate NHC-Pd complexes and their role in amination reactions. <i>Polyhedron</i> , 2011, 30, 195-200.	1.0	36
65	Palladium-Catalyzed Suzuki-Miyaura Reaction Using Saturated N-Heterocarbene Ligands. <i>Catalysis Letters</i> , 2004, 97, 37-40.	1.4	35
66	Rhodium(I) Complexes of New Ferrocenyl Benzimidazol-2-ylidene Ligands: The Importance of the Chelating Effect for Ketone Hydrosilylation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1806-1815.	1.0	35
67	Novel rhodium-1,3-dialkyl-3,4,5,6-tetrahydropyrimidin-2-ylidene complexes as catalysts for arylation of aromatic aldehydes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5849-5855.	0.8	34
68	Regioselective allylic alkylation and etherification catalyzed by in situ generated N-heterocyclic carbene ruthenium complexes. <i>Tetrahedron Letters</i> , 2006, 47, 535-538.	0.7	34
69	The synthesis of oligoether-substituted benzimidazolium bromides and their use as ligand precursors for the Pd-catalyzed Heck coupling in water. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3580-3589.	0.8	34
70	Synthesis and catalytic properties of novel ruthenium N-heterocyclic-carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4025-4031.	0.8	34
71	Transfer Hydrogenation of Aryl Ketones with Half-Sandwich Ru ^{II} Complexes That Contain Chelating Diamines. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4494-4499.	1.0	34
72	Synthesis of novel 1-alkylimidazoline and 1-alkylbenzimidazole palladium(II) complexes as efficient catalysts for Heck and Suzuki reactions involving arylchlorides. <i>Journal of Molecular Catalysis A</i> , 2004, 208, 109-114.	4.8	33

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73	Benzimidazolin-2-ylidene-palladium-catalysed coupling reactions of aryl halides. <i>Applied Organometallic Chemistry</i> , 2005, 19, 870-874.	1.7	32
74	Co(II) and Cu(II) Schiff base complexes of bis(N-(4-diethylamino-2-methylphenyl)-3,5-di-tert-butylsalicylaldehyde): Electrochemical and X-ray structural study. <i>Structural Chemistry</i> , 2008, 19, 749-755.	1.0	32
75	Synthesis and characterization of <i>N</i> -heterocyclic carbene palladium complex and its application on direct arylation of benzoxazoles and benzothiazoles with aryl bromides. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2591-2599.	0.8	32
76	Diether functionalized rhodium(I)- <i>N</i> -heterocyclic carbene complexes and their catalytic application for transfer hydrogenation reactions. <i>Inorganica Chimica Acta</i> , 2011, 365, 264-268.	1.2	32
77	Palladium Complexes with Tetrahydropyrimidin-2-ylidene Ligands: Catalytic Activity for the Direct Arylation of Furan, Thiophene, and Thiazole Derivatives. <i>Organometallics</i> , 2015, 34, 2487-2493.	1.1	32
78	Synthesis of silica-supported rhodium carbene complex as efficient catalyst for the addition of phenylboronic acid to aldehydes. <i>Applied Organometallic Chemistry</i> , 2005, 19, 633-638.	1.7	31
79	A New Application Area for Ag ⁺ -NHCs: CO ₂ Fixation Catalyst. <i>ChemCatChem</i> , 2012, 4, 831-835.	1.8	31
80	Palladium-Catalyzed Suzuki-Miyaura Reaction of Aryl Chlorides in Aqueous Media Using Tetrahydrodiazepinium Salts as Carbene Ligands. <i>Synlett</i> , 2005, 2005, 2394-2396.	1.0	30
81	Ruthenium(II) complexes bearing pyridine-based tridentate and bidentate ligands: catalytic activity for transfer hydrogenation of aryl ketones. <i>Applied Organometallic Chemistry</i> , 2012, 26, 663-670.	1.7	30
82	Synthesis and catalytic activity of ruthenium(II) complexes containing pyridine-based tridentate triamines (I) and pyridine carboxylate ligands (II). <i>Inorganica Chimica Acta</i> , 2012, 392, 246-253.	1.2	30
83	Synthesis, spectroscopic characterization, X-ray structure and DFT studies on 2,6-bis(1-benzyl-1H-benzo[d]imidazol-2-yl)pyridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 255-263.	2.0	30
84	Hydroxyl and ester functionalized <i>N</i> -heterocyclic carbene complexes of iridium(I): efficient catalysts for transfer hydrogenation reactions. <i>RSC Advances</i> , 2014, 4, 26222-26230.	1.7	30
85	Synthesis of novel palladium- <i>N</i> -heterocyclic-carbene complexes as catalysts for Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2006, 20, 187-192.	1.7	29
86	Synthesis of novel rhodium- <i>N</i> -heterocyclic-carbene complexes as hydrosilylation catalysts. <i>Applied Organometallic Chemistry</i> , 2008, 22, 59-66.	1.7	29
87	The synthesis and characterization of 2-(2-pyridyl)benzimidazole heteroleptic ruthenium complex: Efficient sensitizer for molecular photovoltaics. <i>Dyes and Pigments</i> , 2010, 84, 88-94.	2.0	28
88	Synthesis and catalytic activity of novel xylidene-linked benzimidazolium salts. <i>Applied Organometallic Chemistry</i> , 2009, 23, 520-523.	1.7	27
89	<i>N,N,N',N'</i> -Tetrakis(2-hydroxyethyl)ethylenediamine palladium(II) complex as efficient catalyst for the Suzuki-Miyaura reaction in water. <i>Tetrahedron</i> , 2010, 66, 5602-5606.	1.0	27
90	Butyl metal aryloxides, arylamides, and sulphur and phosphorus analogues. II. Synthesis and characterization of novel bulky alkoxides and aryloxides of aluminium; X-ray structure of [Al(¹ / ₄ -OCH ₂ Ar)Me ₂] ₂ (Ar = C ₆ H ₂ Bu ₃ t-2,4,6). <i>Polyhedron</i> , 1990, 9, 239-243.	1.0	25

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91	Title is missing!. Transition Metal Chemistry, 2003, 28, 558-562.	0.7	25
92	Title is missing!. Journal of Inorganic and Organometallic Polymers, 2003, 13, 223-235.	1.5	25
93	Synthesis of novel palladium-carbene complexes as efficient catalysts for amination of aryl chlorides in ionic liquid. Journal of Molecular Catalysis A, 2004, 222, 97-102.	4.8	25
94	Ruthenium κ^2 -heterocyclic-carbene catalyzed diarylation of arene C-H bond. Applied Organometallic Chemistry, 2008, 22, 314-318.	1.7	25
95	A mediated polyphenol oxidase biosensor immobilized by electropolymerization of 1,2-diamino benzene. Bioelectrochemistry, 2010, 78, 135-140.	2.4	25
96	Iridium-Catalyzed Alkylation of Secondary Alcohols with Primary Alcohols: A Route to Access Branched Ketones and Alcohols. Journal of Organic Chemistry, 2020, 85, 9139-9152.	1.7	25
97	Synthesis and characterisation of 1-alkyl-2-imidazoline complexes of noble metals; crystal structure of trans-[PtCl ₂ (N(Et)CH ₂ CH ₂)(PEt ₃)]. Journal of the Chemical Society Dalton Transactions, 1997, , 1359-1362.	1.1	24
98	Suzuki reaction of aryl chlorides using saturated N-heterocarbene ligands. Heteroatom Chemistry, 2005, 16, 557-561.	0.4	24
99	The influence of moisture on deprotonation mode of imidazolinium chlorides with palladacycle acetate dimer. Journal of Organometallic Chemistry, 2009, 694, 2179-2184.	0.8	24
100	Water-soluble cis-[(NHC)PdBr ₂ (TPPTS)] catalysts and their applications in Suzuki-Miyaura coupling of aryl chlorides. Journal of Molecular Catalysis A, 2011, 348, 88-93.	4.8	24
101	Structural, spectral, electrochemical and catalytic reactivity studies of a series of N ₂ O ₂ chelated palladium(II) complexes. Polyhedron, 2012, 38, 141-148.	1.0	24
102	Novel N-heterocyclic-carbene-rhodium complexes as hydrosilylation catalysts. Journal of Molecular Catalysis A, 2005, 241, 88-92.	4.8	23
103	Amides of rhodium(I) and ruthenium(II), [Rh(NR ₂)(PPh ₃) ₂] and [RuH(NR ₂)(PPh ₃) ₂] (R = Me ₃ Si): novel low co-ordination number d ⁸ and d ⁶ metal complexes. Journal of the Chemical Society Chemical Communications, 1979, , 843.	2.0	22
104	Palladium-Catalyzed Heck Reaction of Aryl Bromides in Aqueous Media Using Tris(N-Heterocyclic) Iridium Complexes. Journal of Organometallic Chemistry, 2008, 694, 2343-2349.	1.0	22
105	κ^2 -functionalized azolinylidene-palladium-catalyzed heck reaction. Heteroatom Chemistry, 2008, 19, 82-86.	0.4	22
106	Synthesis, X-ray structures, and catalytic activities of (κ^2 -C,N)-palladacycles bearing imidazol-2-ylidenes. Journal of Organometallic Chemistry, 2009, 694, 2343-2349.	0.8	22
107	1-Pentamethylbenzyl-3-nbutylbenzimidazole-silver(I) bromide complex: Synthesis, characterization and DFT calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 35-45.	2.0	22
108	κ^3 -Aryl/heteroaryl substituted heterocycles via sequential Pd-catalysed termolecular cascade/ring closing metathesis (RCM). Tetrahedron, 2005, 61, 10652-10666.	1.0	21

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109	Synthesis of arylacetic acid derivatives from diethyl malonate using in situ formed palladium(1,3-dialkylimidazolidin-2-ylidene) catalysts. <i>Tetrahedron Letters</i> , 2004, 45, 5823-5825.	0.7	20
110	Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes. <i>Transition Metal Chemistry</i> , 2005, 30, 367-371.	0.7	20
111	Rhodium-catalyzed carbonylative arylation of alkynes with arylboronic acids: an efficient and straightforward method in the synthesis of 5-aryl-2(5H)-furanones. <i>Chemical Communications</i> , 2006, , 3187-3189.	2.2	20
112	Imidazolium salicylaldimine frameworks for the preparation of tridentate N-heterocyclic carbene ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1895-1902.	0.8	20
113	Role of Synthesized Organoselenium Compounds on Protection of Rat Erythrocytes from DMBA-Induced Oxidative Stress. <i>Biological Trace Element Research</i> , 2009, 128, 167-175.	1.9	20
114	Perimidin-2-ylidene rhodium(I) complexes; unexpected halogen exchange and catalytic activities in transfer hydrogenation reaction. <i>Journal of Organometallic Chemistry</i> , 2014, 765, 23-30.	0.8	20
115	Asymmetric transfer hydrogenation reaction in water: Comparison of chiral proline amide/amine ruthenium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 779, 62-66.	0.8	20
116	Synthesis and properties of novel polyimides from dichloro (1,3-p-dimethylaminobenzylimidazolidine-2-ylidene) p-cymene ruthenium (II). <i>Designed Monomers and Polymers</i> , 2003, 6, 175-185.	0.7	19
117	Novel rhodium N-heterocyclic carbene catalysed arylation of aldehydes with phenylboronic acid. <i>Transition Metal Chemistry</i> , 2007, 32, 536-540.	0.7	19
118	Reactions of Electron-Rich Olefins with Proton-Active Compounds. <i>Synthetic Communications</i> , 1997, 27, 4059-4066.	1.1	18
119	In situ generated rhodium-based catalyst for addition of phenylboronic acid to aldehydes. <i>Heteroatom Chemistry</i> , 2005, 16, 461-465.	0.4	18
120	The synthesis, electrochemical properties and structural characterization of <i>Journal of Coordination Chemistry</i> , 2006, 59, 1649-1656.	0.8	18
121	Palladium N-heterocyclic carbene catalyzed ortho-arylation of benzaldehyde derivatives. <i>Heteroatom Chemistry</i> , 2008, 19, 569-574.	0.4	18
122	Synthesis of Ni(II), Pd(II) and Cu(II) metal complexes of novel highly functionalized aroylaminocarbo-N-thioyl pyrrolidines and their activity against fungi and yeast. <i>Polyhedron</i> , 2009, 28, 2847-2854.	1.0	18
123	Palladium N-heterocyclic carbene complexes: Synthesis, characterization and catalytic properties in amination. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1555-1560.	0.8	18
124	Synthesis and antimicrobial activities of hexahydroimidazo[1,5-a]pyridinium bromides with varying benzyl substituents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2895-2900.	2.6	18
125	New palladium(II) N-heterocyclic carbene complexes containing benzimidazole-2-ylidene ligand derived from menthol: synthesis, characterization and catalytic activities. <i>Applied Organometallic Chemistry</i> , 2016, 30, 268-272.	1.7	18
126	Sol-gel synthesis of Ru(II) complex of 3-4,5-dihydroimidazol-1-yl-propyltriethoxysilane aerogels and xerogels. <i>Polymer Bulletin</i> , 2000, 44, 47-53.	1.7	17

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245	1,3-Bis(4-tert-butylbenzyl)-4,5-dihydroimidazolium chloride monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o310-o311.	0.2	0