

Bekir Cetinkaya

List of Publications by Year in descending order

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245
papers

6,648
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61857

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The synthesis of new PEPPSI-type N-heterocyclic carbene (NHC)-Pd(II) complexes bearing long alkyl chain as precursors for the synthesis of NHC-stabilized Pd(0) nanoparticles and their catalytic applications. <i>Journal of Organometallic Chemistry</i> , 2021, 934, 121633.	0.8	11
2	Ru(II)-NHC catalysed N-Alkylation of amines with alcohols under solvent-free conditions. <i>Inorganica Chimica Acta</i> , 2021, 520, 120294.	1.2	11
3	Synthesis of α -Alkylated Ketones via Selective Epoxide Opening/Alkylation Reactions with Primary Alcohols. <i>Organic Letters</i> , 2021, 23, 5229-5234.	2.4	13
4	Unveiling the catalytic nature of palladium-N-heterocyclic carbene catalysts in the α -alkylation of ketones with primary alcohols. <i>Dalton Transactions</i> , 2021, 50, 10896-10908.	1.6	7
5	A neutral arene ruthenium(II) complex with a sulfonated N,O-chelating ligand: Synthesis, characterization, in vitro cytotoxicity and antibacterial activity. <i>Polyhedron</i> , 2020, 176, 114300.	1.0	13
6	Iridium-Catalyzed Alkylation of Secondary Alcohols with Primary Alcohols: A Route to Access Branched Ketones and Alcohols. <i>Journal of Organic Chemistry</i> , 2020, 85, 9139-9152.	1.7	25
7	Synthesis, DFT computations and antimicrobial activity of a Schiff base derived from 2-hydroxynaphthaldehyde: Remarkable solvent effect. <i>Journal of Molecular Structure</i> , 2020, 1209, 127980.	1.8	10
8	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
9	Novel fluorescence assay using μ -wells coated by BODIPY dye as an enzymatic sensing platform. Measurement: <i>Journal of the International Measurement Confederation</i> , 2019, 135, 145-150.	2.5	6
10	Iridium(I)-Catalyzed Alkylation Reactions To Form α -Alkylated Ketones. <i>Journal of Organic Chemistry</i> , 2018, 83, 2875-2881.	1.7	70
11	Synthesis and photovoltaic properties of new Ru(II) complexes for dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 11045-11058.	1.1	11
12	Synthesis of N-heterocyclic carbene-palladium-PEPPSI 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
13	Enhanced Catalytic Activity of Oxygen-Tethered Ir ^{III} NHC Complexes in Aqueous Transfer Hydrogenative Reductive Amination Reactions: Experimental Kinetic and Mechanistic Study. <i>ChemCatChem</i> , 2018, 10, 3593-3604.	1.8	10
14	Ag(I) complexes of benzimidazol-2-ylidene ligands: a study of catalytic efficiency towards three-component coupling reactions. <i>Turkish Journal of Chemistry</i> , 2016, 40, 681-687.	0.5	9
15	Newly synthesized furanoside-based NHC ligands for the arylation of aldehydes. <i>Turkish Journal of Chemistry</i> , 2016, 40, 689-697.	0.5	4
16	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
17	Bicyclic N-heterocyclic carbene (NHC) ligand precursors and their palladium complexes. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1463-1472.	0.8	14
18	Identification of radical structures on 1-pentamethylbenzyl-3-ethylimidazoliumsilver(I)bromide and 1,3-bis(pentamethylbenzyl)-4,5-dimethylbenzimidazoliumsilver(I)bromide exposed to gamma rays: an EPR study. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 864-869.	1.1	3

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19	Ruthenium(II) complexes derived from 2-phenylthiazoline-4-carboxylic acid: structure and catalytic activity for transfer hydrogenation reaction. <i>Applied Organometallic Chemistry</i> , 2016, 30, 373-377.	1.7	9
20	Piano-stool benzothiazol-2-ylidene Ru(II) complexes for effective transfer hydrogenation of carbonyls. <i>Journal of Organometallic Chemistry</i> , 2016, 807, 36-44.	0.8	11
21	CHAPTER 13. Reduction Reactions with NHC-Bearing Complexes. <i>RSC Catalysis Series</i> , 2016, , 484-533.	0.1	2
22	Cross coupling reactions catalyzed by (NHC)Pd(II) complexes. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1115-1157.	0.5	45
23	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
24	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
25	N-Heterocyclic carbene (NHC) palladium(II) complexes bearing chiral oxazoline ligands and their catalytic activities in allylic alkylation reactions. <i>Turkish Journal of Chemistry</i> , 2014, 38, 679-685.	0.5	4
26	Synthesis, characterization and catalytic activity of Pd(II) complexes with allyl functionalized imidazol-2-ylidenes in Suzuki-Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2014, 28, 324-331.	1.7	8
27	Synthesis and characterization of 2,2-(pyridine-2,6-diyl)bis(1H-benzo[d]imidazol-3-ium) 2,4,6-trimethylbenzenesulfonate chloride by experimental and theoretical methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 145-152.	2.0	5
28	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
29	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
30	Hydroxyl and ester functionalized N-heterocyclic carbene complexes of iridium(i): efficient catalysts for transfer hydrogenation reactions. <i>RSC Advances</i> , 2014, 4, 26222-26230.	1.7	30
31	Synthesis, structure, electrochemical and antimicrobial properties of N, N-bis(ferrocenylmethyl)imidazolium salts. <i>Inorganica Chimica Acta</i> , 2014, 423, 435-442.	1.2	10
32	1-Pentamethylbenzyl-3-nbutylbenzimidazolesilver(I)bromide complex: Synthesis, characterization and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 35-45.	2.0	22
33	Chelating alkoxy NHC-Rh(I) complexes and their applications in the arylation of aldehydes. <i>Tetrahedron Letters</i> , 2014, 55, 4129-4132.	0.7	15
34	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
35	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
36	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

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37	Poly(L-lactide) initiated by silver N-heterocyclic carbene complexes: synthesis, characterization and properties. <i>Polymer Bulletin</i> , 2013, 70, 3475-3485.	1.7	8
38	Palladium-EDTA and palladium-EdteH ₄ catalyzed Heck coupling reactions in pure water. <i>Turkish Journal of Chemistry</i> , 2013, 37, 840-847.	0.5	5
39	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
40	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
41	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
42	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
43	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
44	Synthesis, characterization, and reactivity of ruthenium(II) complexes containing 6-arene-1-pyrazole ligands. <i>Tetrahedron</i> , 2012, 68, 8655-8662.	1.0	13
45	1-Ferrocenylmethyl-3-(2,4,6-trimethylbenzyl)-1H-imidazolidin-3-ium iodide and trans-bis(3-benzyl-1-ferrocenylmethyl-1H-imidazolidin-2-ylidene)diiodidopalladium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, m48-m52.	0.4	3
46	A New Application Area for Ag ₂ Fixation Catalyst. <i>ChemCatChem</i> , 2012, 4, 831-835.	1.8	31
47	Synthesis, characterization and catalytic application of secondary carbene palladium(II) complexes obtained by oxidative addition reaction. <i>Inorganica Chimica Acta</i> , 2012, 387, 248-252.	1.2	3
48	Concomitant polymorphism of a pyridine-2,6-dicarboxamide derivative in a single space group: Experimental and molecular modeling study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 86, 614-624.	2.0	6
49	Structural, spectral, electrochemical and catalytic reactivity studies of a series of N ₂ O ₂ chelated palladium(II) complexes. <i>Polyhedron</i> , 2012, 38, 141-148.	1.0	24
50	Synthesis, characterization, and application to transfer hydrogenation of η^6 -(3,4,5-trimethoxybenzyl)- η^1 -N-heterocyclic carbene-ruthenium complex. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2565-2572.	0.8	12
51	Water-soluble cis-[(NHC)PdBr ₂ (TPPTS)] catalysts and their applications in Suzuki-Miyaura coupling of aryl chlorides. <i>Journal of Molecular Catalysis A</i> , 2011, 348, 88-93.	4.8	24
52	Diether functionalized rhodium(I)-N-heterocyclic carbene complexes and their catalytic application for transfer hydrogenation reactions. <i>Inorganica Chimica Acta</i> , 2011, 365, 264-268.	1.2	32
53	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
54	N-heterocyclic carbene complexes of Rh(I) and electronic effects on catalysts for 1,2-addition of phenylboronic acid to aldehydes. <i>Applied Organometallic Chemistry</i> , 2011, 25, 226-232.	1.7	9

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55	Synthesis, characterization and catalytic properties of cis-dibromo{1,1'-di[3,4,5-trimethoxybenzyl]-3,3'-butylenedibenzimidazol-2,2'-diylidene}palladium (II). <i>Inorganic Chemistry Communication</i> , 2011, 14, 672-675.	1.8	9
56	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
57	Influence of CH ₃ substituents on tetrahydropyrimidin-2-ylidene: σ -donating properties and in situ catalytic activities of precursor salts/Pd(OAc) ₂ system for C-C coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1359-1366.	0.8	12
58	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
59	Synthesis and characterization of bidentate NHC-Pd complexes and their role in amination reactions. <i>Polyhedron</i> , 2011, 30, 195-200.	1.0	36
60	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
61	A mediated polyphenol oxidase biosensor immobilized by electropolymerization of 1,2-diamino benzene. <i>Bioelectrochemistry</i> , 2010, 78, 135-140.	2.4	25
62	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
63	Hetero- and homo-leptic Ru(II) catalyzed synthesis of cyclic carbonates from CO ₂ ; Synthesis, spectroscopic characterization and electrochemical properties. <i>Applied Organometallic Chemistry</i> , 2010, 24, 446-453.	1.7	17
64	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
65	New 1,2,4,5-tetrakis-(N-imidazoliummethyl)benzene and 1,2,4,5-tetrakis-(N-benzimidazoliummethyl)benzene salts as N-heterocyclic tetracarbene precursors: synthesis and involvement in ruthenium-catalyzed allylation reactions. <i>Tetrahedron</i> , 2010, 66, 1346-1351.	1.0	16
66	N,N'-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
67	Palladium-Catalyzed Heck Coupling Reaction of Aryl Bromides in Aqueous Media Using Tetrahydropyrimidinium Salts as Carbene Ligands. <i>Molecules</i> , 2010, 15, 649-659.	1.7	14
68	2-(4-Pyridyl)-1,3-di(4-picolyl)imidazolidine. <i>MolBank</i> , 2010, 2010, M649.	0.2	0
69	Synthesis and Catalytic Activity of Novel Benzimidazolynylidene-Ruthenium(II) Complexes. <i>Synlett</i> , 2010, 2010, 496-500.	1.0	7
70	Chapter 13. Reduction Reactions with NHC-bearing Complexes. <i>RSC Catalysis Series</i> , 2010, , 366-398.	0.1	2
71	Palladium(II) Complexes Containing 2,6-Bis(Imino)Pyridines: Synthesis, Characterization, Thermal Study, and Catalytic Activity in Suzuki Reactions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010, 40, 337-344.	0.6	9
72	1,3-Bis[4-(dimethylamino)benzyl]-4,5,6,7-tetrahydro-1H-1,3-diazepan-2-ium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o109-o110.	0.2	2

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73	Bromido [1-(1-6-4-tert-butylbenzyl)-3-(2,4,6-trimethylbenzyl)benzimidazol-2-ylidene]chloridoruthenium(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m97-m98.	0.2	2
74	1-(4-tert-Butylbenzyl)-3-(3,4,5-trimethoxybenzyl)benzimidazolium bromide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o208-o209.	0.2	3
75	1-(1H-Benzimidazol-1-ylmethyl)-3-[2-(diisopropylamino)ethyl]-1H-benzimidazolium bromide 0.25-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o699-o700.	0.2	0
76	Palladium(II) Complexes with Benzimidazol-2-ylidene and Phosphane Ligands and their Catalytic Activity in Mizoroki-Heck Coupling Reactions. European Journal of Inorganic Chemistry, 2009, 2009, 285-294.	1.0	37
77	Rhodium(I) Complexes of New Ferrocenyl Benzimidazol-2-ylidene Ligands: The Importance of the Chelating Effect for Ketone Hydrosilylation Catalysis. European Journal of Inorganic Chemistry, 2009, 2009, 1806-1815.	1.0	35
78	Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 1942-1949.	1.0	54
79	New functionalized N-heterocyclic carbene ligands for arylation of benzaldehydes. Journal of Heterocyclic Chemistry, 2009, 46, 186-190.	1.4	12
80	Conversion of carbon dioxide to cyclic carbonates using diimine Ru(II) complexes as catalysts. Applied Organometallic Chemistry, 2009, 23, 68-74.	1.7	59
81	Mono-, bis- and tris-piperidine fused imidazolium salts: their in situ catalytic applications for C-C bond formation in aqueous solutions. Applied Organometallic Chemistry, 2009, 23, 365-369.	1.7	8
82	Synthesis and catalytic activity of novel xylylene-linked benzimidazolium salts. Applied Organometallic Chemistry, 2009, 23, 520-523.	1.7	27
83	Role of Synthesized Organoselenium Compounds on Protection of Rat Erythrocytes from DMBA-Induced Oxidative Stress. Biological Trace Element Research, 2009, 128, 167-175.	1.9	20
84	Synthesis of Ni(II), Pd(II) and Cu(II) metal complexes of novel highly functionalized aroylamino-carbo-N-thioyl pyrrolidines and their activity against fungi and yeast. Polyhedron, 2009, 28, 2847-2854.	1.0	18
85	The influence of moisture on deprotonation mode of imidazolium chlorides with palladacycle acetate dimer. Journal of Organometallic Chemistry, 2009, 694, 2179-2184.	0.8	24
86	Synthesis, X-ray structures, and catalytic activities of (1,2-C,N)-palladacycles bearing imidazol-2-ylidenes. Journal of Organometallic Chemistry, 2009, 694, 2343-2349.	0.8	22
87	The synthesis of oligoether-substituted benzimidazolium bromides and their use as ligand precursors for the Pd-catalyzed Heck coupling in water. Journal of Organometallic Chemistry, 2009, 694, 3580-3589.	0.8	34
88	Synthesis and catalytic properties of novel ruthenium N-heterocyclic-carbene complexes. Journal of Organometallic Chemistry, 2009, 694, 4025-4031.	0.8	34
89	New (1,2-C,N)-palladacyclic complexes with benzimidazol-2-ylidene ligand: Synthesis, crystal structures and characterization. Inorganic Chemistry Communication, 2009, 12, 990-993.	1.8	10
90	Synthesis and characterization of N-heterocyclic carbene palladium complex and its application on direct arylation of benzoxazoles and benzothiazoles with aryl bromides. Journal of Coordination Chemistry, 2009, 62, 2591-2599.	0.8	32

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91	Aqueous-phase Suzuki–Miyaura cross-coupling reactions catalyzed by Pd-NHC complexes. Dalton Transactions, 2009, , 7039.	1.6	71
92	Synthesis, characterization and catalytic activity of novel N-heterocyclic carbene-palladium complexes. Dalton Transactions, 2009, , 7087.	1.6	36
93	Highly Selective and Reactive (salen)CrCl Catalyst for the Copolymerization and Block Copolymerization of Epoxides with Carbon Dioxide. Macromolecules, 2009, 42, 6992-6998.	2.2	139
94	1-(2-Phenylbenzyl)-3-(2,4,6-trimethylbenzyl)imidazolidinium bromide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o121-o122.	0.2	2
95	1,3-Bis(thiophen-2-ylmethyl)-3,4,5,6-tetrahydropyrimidinium trichlorido(1-6-p-cymene)ruthenate(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m111-m112.	0.2	4
96	1,3-Bis(2-thienylmethyl)-4,5-dihydroimidazolium trichlorido(1-6-p-cymene)ruthenate(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m165-m166.	0.2	5
97	Dichlorido[1-(2-methylbenzyl)-3-(1-6-2,4,6-trimethylbenzyl)-1H-2,3-dihydrobenzimidazol-2-ylidene]ruthenium(II) dichloromethane solvate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m243-m244.	0.2	1
98	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
99	Synthesis and structural characterization of Palladium(II) complex bearing N-Heterocyclic Carbene. Structural Chemistry, 2008, 19, 57-62.	1.0	6
100	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. Structural Chemistry, 2008, 19, 749-755.	1.0	32
101	Photocharacterization of Novel Ruthenium Dyes and Their Utilities as Oxygen Sensing Materials in Presence of Perfluorochemicals. Journal of Fluorescence, 2008, 18, 269-276.	1.3	17
102	Heck and Suzuki Reactions of Aryl Halides Catalyzed by 1,3-Dialkylimidazolium/Palladium. Chinese Journal of Catalysis, 2008, 29, 185-190.	6.9	8
103	Bis{2,6-bis[1-(4-fluorophenylimino)ethyl]pyridine}-1,1'-bis[3-(4-fluorophenyl)propan-2-ylidene]palladium(II) dichloride. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, m224-m227.	0.4	1
104	Efficient Transfer Hydrogenation Using Iridium and Rhodium Complexes of Benzannulated N-heterocyclic Carbenes. European Journal of Inorganic Chemistry, 2008, 2008, 5418-5423.	1.0	63
105	Benzylic Imidazolidinium, 3,4,5,6-tetrahydropyrimidinium and Benzimidazolium Salts: Applications in Ruthenium-catalyzed Allylic Substitution Reactions. European Journal of Organic Chemistry, 2008, 2008, 2142-2149.	1.2	47
106	2-(2-fluorophenyl)-2-(2-fluorophenyl)azolin-2-ylidene-palladium-catalyzed heck reaction. Heteroatom Chemistry, 2008, 19, 82-86.	0.4	22
107	Palladium N-heterocyclic carbene-catalyzed ortho-arylation of benzaldehyde derivatives. Heteroatom Chemistry, 2008, 19, 569-574.	0.4	18
108	Synthesis of novel rhodium-oxyl linked N-heterocyclic carbene complexes as hydrosilylation catalysts. Applied Organometallic Chemistry, 2008, 22, 59-66.	1.7	29

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109	Ruthenium κ^N -heterocyclic carbene catalyzed diarylation of arene C-H bond. Applied Organometallic Chemistry, 2008, 22, 314-318.	1.7	25
110	Preparation and crystal structure of binuclear chloro{6-[chloro(triphenylphosphine)platinum](mesitylimino)methyl}pyridin-2-yl}bis(triphenylphosphine)platinum(II). Polyhedron, 2008, 27, 3607-3610.		1
111	Synthesis and use of mono- or bisxylyl linked bis(benzimidazolium) bromides as carbene precursors for C-C bond formation reactions. Journal of Organometallic Chemistry, 2008, 693, 425-434.	0.8	39
112	Imidazolium salicylaldimine frameworks for the preparation of tridentate N-heterocyclic carbene ligands. Journal of Organometallic Chemistry, 2008, 693, 1895-1902.	0.8	20
113	Synthesis, characterization and catalytic properties of an N-heterocyclic carbene palladium-based complex. Inorganic Chemistry Communication, 2008, 11, 1462-1465.	1.8	16
114	The 1:1 co-crystallization of enantiomers of an arene-tethered and ortho-metallated N-heterocyclic carbene ruthenium(II) half-sandwich complex: Synthesis, structural characterization and theoretical study. Solid State Sciences, 2008, 10, 104-113.	1.5	7
115	Annulated N-Heterocyclic Carbene Ligands Derived from 2-Methylaminopiperidine: Their Complexes and Catalytic Applications. Organometallics, 2008, 27, 571-575.	1.1	96
116	Direct Arylation of Arene C-H Bonds by Cooperative Action of NHCarbene-Ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. Journal of the American Chemical Society, 2008, 130, 1156-1157.	6.6	367
117	Di- μ -acetato- κ^4 - κ^2 -bis{[2-(2-pyridyl)phenyl- κ^2 -bis{[2-(2-pyridyl)phenyl- κ^2 - κ^2]palladium(II)} ₂ }. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m381-m381.	0.2	10
118	Bis{ μ -2,4-di-tert-butyl-6-[3-(1H-imidazol-1-yl)propyliminomethyl]phenolato}bis[acetatocopper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m51-m51.	0.2	1
119	(2Z,6Z)-N2,N2'-Bis(2,6-diisopropylphenyl)-N1,N1'-bis(2-methoxyethyl)pyridine-2,6-dicarboximidine. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o224-o224.	0.2	0
120	Palladium-Catalyzed Heck Reaction of Aryl Bromides in Aqueous Media Using Tris(N-Heterocyclic) Tj ETQq0 0 0 rgBT (Overlock, 10 Tf 50 3	1.0	22
121	Synthesis and catalytic properties of N-functionalised carbene complexes of rhodium(I). Journal of Coordination Chemistry, 2007, 60, 2377-2384.	0.8	13
122	The synthesis and structural characterization of a N-heterocyclic carbene-substituted palladacycle. Journal of Coordination Chemistry, 2007, 60, 805-813.	0.8	10
123	Synthesis and Structural Characterization of trans-Bis[1,3-bis(methoxyethyl)-4,5-bis(2,4,6-trimethylphenyl)imidazolidin-2-ylidene]dichloropalladium(II). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1353-1357.	0.3	3
124	Synthesis and structural characterization of two novel N-heterocyclic carbene complexes of Rh(I). Journal of Coordination Chemistry, 2007, 60, 393-399.	0.8	6
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240	Electron-rich olefins as heteroatom donors; the crystal and molecular structures of μ -dimethylthioethene-1,1-dithiolato- S_2S_3 -bis[chloro(triethylphosphine)platinum(II)] and tetrarbonyl- N_2N_3 -tetramethylbi(imidazolidin-2-ylidene)- N_3 -chromium(0). <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 683-684.	2.0	9
241	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
242	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
243	Carbene complexes. Part III. Carbon-13 nuclear magnetic resonance studies of carbene complexes of 1,3-diorganoimidazolidin-2-ylidenes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 1982.	1.1	41
244	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
245	Alkylideneamido-derivatives of metals and metalloids. Part V. Complexes of the late transition metals with (CF ₃) ₂ C=N [?] as ligand, and a tautomeric hydrogen transfer from metal to ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 1975.	1.1	8