

# Ismail Ozdemir

## List of Publications by Year in descending order

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316  
papers

7,099  
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81900  
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128289  
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320  
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320  
docs citations

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times ranked

4028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Arylation of Arene C-H Bonds by Cooperative Action of NHCarene-Ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. <i>Journal of the American Chemical Society</i> , 2008, 130, 1156-1157.	13.7	367
2	6-Mesityl,1-Imidazolinylidene-Carene-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.	3.3	149
3	Selective palladium-catalyzed arylation(s) of benzaldehyde derivatives by N-heterocarbene ligands. <i>Tetrahedron Letters</i> , 2005, 46, 2273-2277.	1.4	127
4	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.	2.8	117
5	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.	1.8	108
6	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.	1.8	97
7	Active ruthenium-(N-heterocyclic carbene) complexes for hydrogenation of ketones. <i>Applied Organometallic Chemistry</i> , 2006, 20, 322-327.	3.5	92
8	Synthetic and antimicrobial studies on new gold(I) complexes of imidazolidin-2-ylidenes. <i>Applied Organometallic Chemistry</i> , 2004, 18, 318-322.	3.5	86
9	Imidazolium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2019, 1179, 709-718.	3.6	84
10	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
11	Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. <i>Journal of Molecular Catalysis A</i> , 1997, 118, L1-L4.	4.8	75
12	N-Heterocyclic Carbenes: Useful Ligands for the Palladium-Catalysed Direct C5 Arylation of Heteroaromatics with Aryl Bromides or Electron-Deficient Aryl Chlorides. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1798-1805.	2.0	75
13	Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2017, 41, 5105-5113.	2.8	73
14	Synthesis, characterization and the Suzuki-Miyaura coupling reactions of N-heterocyclic carbene-Pd(II)-pyridine (PEPPSI) complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 776, 107-112.	1.8	72
15	Catalytic Double Addition of Diazo Compounds to Alkynes: Synthesis of Functional Conjugated Dienes. <i>Journal of the American Chemical Society</i> , 2000, 122, 7400-7401.	13.7	67
16	Ruthenium(II) N-heterocyclic Carbene Complexes in the Transfer Hydrogenation of Ketones. <i>Transition Metal Chemistry</i> , 2005, 30, 831-835.	1.4	66
17	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
18	Synthesis, characterization and antimicrobial activity of new silver complexes with N-heterocyclic carbene ligands. <i>Inorganica Chimica Acta</i> , 2010, 363, 3803-3808.	2.4	62

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19	Novel benzimidazolium salts and their silver complexes: Synthesis and antibacterial properties. <i>Inorganic Chemistry Communication</i> , 2012, 21, 142-146.	3.9	62
20	Synthesis of new aminophosphine complexes and their catalytic activities in C-C coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2693-2699.	1.8	59
21	Silica-supported 3-4,5-dihydroimidazol-1-yl-propyltriethoxysilanedichloropalladium(II) complex: Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2003, 17, 776-780.	3.5	54
22	Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1942-1949.	2.0	54
23	Preparation of a series of Ru(II) complexes with N-heterocyclic carbeneligands for the catalytic transfer hydrogenation of aromatic ketones. <i>Dalton Transactions</i> , 2012, 41, 2330-2339.	3.3	54
24	N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015, 34, 2296-2304.	2.3	51
25	PEPPSI-Type Palladium-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in the Direct C5-Arylation of 2-Substituted Thiophene Derivatives with Aryl Halides. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1382-1391.	2.0	51
26	Palladium-catalyzed Suzuki reaction using 1,3-dialkylbenzimidazol-2-ylidene ligands in aqueous media. <i>Heteroatom Chemistry</i> , 2004, 15, 419-423.	0.7	50
27	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
28	Chelating 1,6-Arene-1-carbene Ligands in Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2862-2869.	2.0	49
29	Benzylic Imidazolidinium, 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.	2.4	47
30	Transfer Hydrogenation of Ketones by Ruthenium Complexes Bearing Benzimidazol-2-ylidene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3051-3056.	2.0	46
31	Palladium-catalysed Suzuki reaction of aryl chlorides in aqueous media using 1,3-dialkylimidazolidin-2-ylidene ligands. <i>Applied Organometallic Chemistry</i> , 2005, 19, 55-58.	3.5	45
32	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.	3.5	45
33	Cross coupling reactions catalyzed by (NHC)Pd(II) complexes. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1115-1157.	1.2	45
34	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.	1.8	45
35	Novel benzimidazol-2-ylidene carbene precursors and their silver(I) complexes: Potential antimicrobial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3649-3656.	3.0	44
36	N-Heterocyclic carbene-palladium catalysts for the direct arylation of pyrrole derivatives with aryl chlorides. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 303-312.	2.2	43

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37	Use of tetrahydropyrimidinium salts for highly efficient palladium-catalyzed cross-coupling reactions of aryl bromides and chlorides. <i>Tetrahedron</i> , 2005, 61, 9791-9798.	1.9	42
38	Synthesis and antimicrobial activity of Ag(I)-N-heterocyclic carbene complexes derived from benzimidazol-2-ylidene. <i>Applied Organometallic Chemistry</i> , 2010, 24, 758-762.	3.5	42
39	Microstructural refinement and wear property of Al-Si-Cu composite subjected to extrusion and high-pressure torsion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 618, 377-384.	5.6	42
40	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.	2.0	41
41	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
42	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
43	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.	1.8	39
44	Palladium(II)-NHC complexes containing benzimidazole ligand as a catalyst for C-N bond formation. <i>Applied Organometallic Chemistry</i> , 2011, 25, 163-167.	3.5	39
45	2-Imidazoline- and 1,4,5,6-tetrahydropyrimidine-ruthenium(II) complexes and catalytic synthesis of furan. <i>Journal of Organometallic Chemistry</i> , 1999, 575, 187-192.	1.8	38
46	Benzimidazole, Benzothiazole and Benzoxazole Ruthenium(II) Complexes; Catalytic Synthesis of 2,3-Dimethylfuran. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 29-32.	2.0	38
47	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
48	Suzuki-Miyaura Reaction of Unactivated Aryl Chlorides Using Benzimidazol-2-ylidene Ligands. <i>Synthetic Communications</i> , 2004, 34, 4135-4144.	2.1	36
49	Mono- and dinuclear Pd(II) complexes of different salicylaldimine ligands as catalysts of transfer hydrogenation of nitrobenzene with cyclohexene and Suzuki-Miyaura coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 446-454.	1.8	36
50	Synthesis, characterization and catalytic activity of novel N-heterocyclic carbene-palladium complexes. <i>Dalton Transactions</i> , 2009, , 7087.	3.3	36
51	Synthesis and characterization of ether-derivatized aminophosphines and their application in C-C coupling reactions. <i>Inorganica Chimica Acta</i> , 2010, 363, 1039-1047.	2.4	36
52	Synthesis and characterization of bidentate NHC-Pd complexes and their role in amination reactions. <i>Polyhedron</i> , 2011, 30, 195-200.	2.2	36
53	Palladium PEPSI complexes: Synthesis and catalytic activity on the Suzuki-Miyaura coupling reactions for aryl bromides at room temperature in aqueous media. <i>Inorganica Chimica Acta</i> , 2018, 478, 187-194.	2.4	36
54	Sonogashira cross-coupling reaction catalysed by mixed NHC-Pd-PPh <sub>3</sub> complexes under copper free conditions. <i>Journal of Organometallic Chemistry</i> , 2018, 860, 59-71.	1.8	36

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55	Novel N-heterocyclic carbene silver(I) complexes: Synthesis, structural characterization, and anticancer activity. <i>Inorganica Chimica Acta</i> , 2019, 486, 711-718.	2.4	36
56	Palladium-Catalyzed Suzuki–Miyaura Reaction Using Saturated N-Heterocarbene Ligands. <i>Catalysis Letters</i> , 2004, 97, 37-40.	2.6	35
57	CO-releasing properties and anticancer activities of manganese complexes with imidazole/benzimidazole ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3384-3394.	2.2	35
58	Synthesis, characterization and anticancer activity of allyl substituted N-Heterocyclic carbene silver(I) complexes. <i>Journal of Molecular Structure</i> , 2019, 1179, 92-99.	3.6	35
59	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.	1.8	34
60	Regioselective allylic alkylation and etherification catalyzed by in situ generated N-heterocyclic carbene ruthenium complexes. <i>Tetrahedron Letters</i> , 2006, 47, 535-538.	1.4	34
61	Synthesis and catalytic properties of novel ruthenium N-heterocyclic-carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4025-4031.	1.8	34
62	Benzimidazolium sulfonate ligand precursors and application in ruthenium-catalyzed aromatic amine alkylation with alcohols. <i>Catalysis Communications</i> , 2016, 74, 33-38.	3.3	34
63	PEPPSI-Pd-NHC catalyzed Suzuki-Miyaura cross-coupling reactions in aqueous media. <i>Tetrahedron</i> , 2019, 75, 2306-2313.	1.9	34
64	Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. <i>Journal of Molecular Structure</i> , 2020, 1207, 127802.	3.6	34
65	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
66	Palladium(II)-N-heterocyclic carbene complexes: synthesis, characterization and catalytic application. <i>Applied Organometallic Chemistry</i> , 2014, 28, 423-431.	3.5	33
67	Ruthenium(II)-p-cymene-N-heterocyclic Carbene Complexes for the N-Alkylation of Amine Using the Green Hydrogen Borrowing Methodology. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1236-1243.	2.0	33
68	Benzimidazolin-2-ylidene-palladium-catalysed coupling reactions of aryl halides. <i>Applied Organometallic Chemistry</i> , 2005, 19, 870-874.	3.5	32
69	Synthesis and characterization of N-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.	2.2	32
70	Synthesis of new iron-NHC complexes as catalysts for hydrosilylation reactions. <i>Applied Organometallic Chemistry</i> , 2013, 27, 459-464.	3.5	32
71	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.	2.3	32
72	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.	3.5	31

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73	Resorcinarene-Functionalised Imidazolium Salts as Ligand Precursors for Palladium-Catalysed Suzuki-Miyaura Cross-Couplings. <i>ChemCatChem</i> , 2013, 5, 1116-1125.	3.7	31
74	Transfer hydrogenation of ketones catalyzed by new rhodium and iridium complexes of aminophosphine containing cyclohexyl moiety and photosensing behaviors of rhodium and iridium based devices. <i>Journal of Organometallic Chemistry</i> , 2014, 758, 1-8.	1.8	31
75	The first used half sandwich ruthenium(II) complexes bearing benzimidazole moiety for N-alkylation of amines with alcohols. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 134-140.	1.8	31
76	N-Heterocyclic carbene-Pd(II)-PPh <sub>3</sub> complexes as a new highly efficient catalyst system for the Sonogashira cross-coupling reaction: Synthesis, characterization and biological activities. <i>Journal of Coordination Chemistry</i> , 2018, 71, 183-199.	2.2	31
77	Theoretical analysis of frontier orbitals, electronic transitions, and global reactivity descriptors of M(CO) <sub>4</sub> L <sub>2</sub> type metal carbonyl complexes: a DFT/TDDFT study. <i>Structural Chemistry</i> , 2019, 30, 769-775.	2.0	31
78	Palladium-Catalyzed Suzuki-Miyaura Reaction of Aryl Chlorides in Aqueous Media Using Tetrahydrodiazepinium Salts as Carbene Ligands. <i>Synlett</i> , 2005, 2005, 2394-2396.	1.8	30
79	Synthesis of novel palladium N-heterocyclic-carbene complexes as catalysts for Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2006, 20, 187-192.	3.5	29
80	Synthesis of novel rhodium-xylyl linked N-heterocyclic carbene complexes as hydrosilylation catalysts. <i>Applied Organometallic Chemistry</i> , 2008, 22, 59-66.	3.5	29
81	Novel ruthenium(II)-N-heterocyclic carbene complexes; synthesis, characterization and catalytic application. <i>Journal of Organometallic Chemistry</i> , 2015, 789-790, 1-7.	1.8	29
82	Application of N,N-bis(diphenylphosphino)aniline palladium(II) complexes as pre-catalysts in Heck coupling reactions. <i>Applied Organometallic Chemistry</i> , 2007, 21, 711-715.	3.5	28
83	Sonogashira cross-coupling reaction catalyzed by N-heterocyclic carbene-Pd(II)-PPh <sub>3</sub> complexes under copper free and aerobic conditions. <i>Inorganica Chimica Acta</i> , 2018, 469, 325-334.	2.4	28
84	Synthesis, structural characterization of silver(I)-NHC complexes and their antimicrobial, antioxidant and antitumor activities. <i>Journal of King Saud University - Science</i> , 2020, 32, 1544-1554.	3.5	28
85	Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1967-1986.	2.2	28
86	Synthesis and catalytic activity of novel xylyl-linked benzimidazolium salts. <i>Applied Organometallic Chemistry</i> , 2009, 23, 520-523.	3.5	27
87	Therapeutic potential of coumarin bearing metal complexes: Where are we headed?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126805.	2.2	27
88	The orthopalladation dinuclear [Pd(L1)( $\frac{1}{4}$ -OAc)] <sub>2</sub> , [Pd(L2)( $\frac{1}{4}$ -OAc)] <sub>2</sub> and mononuclear [Pd(L3) <sub>2</sub> ] complexes with [N, C, O] or [N, O] containing ligands: Synthesis, spectral characterization, electrochemistry and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 697-706.	1.8	26
89	Butylene linked palladium N-heterocyclic carbene complexes: Synthesis and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2589-2593.	1.8	26
90	An efficient (NHC) Copper (I)-catalyst for azide-alkyne cycloaddition reactions for the synthesis of 1,2,3-trisubstituted triazoles: Click chemistry. <i>Inorganica Chimica Acta</i> , 2017, 467, 21-32.	2.4	26

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91	Pentacoordinated Rhodium(I) Complexes Supported by Coumarin-Functionalized <i>N</i> -Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2018, 37, 191-202.	2.3	26
92	Amine-functionalized silver and gold <i>N</i> -heterocyclic carbene complexes: Synthesis, characterization and antitumor properties. <i>Journal of Organometallic Chemistry</i> , 2019, 882, 26-32.	1.8	26
93	Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties. <i>Bioorganic Chemistry</i> , 2022, 120, 105566.	4.1	26
94	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 2003, 13, 223-235.	1.5	25
95	Synthesis of novel palladium-carbene complexes as efficient catalysts for amination of aryl chlorides in ionic liquid. <i>Journal of Molecular Catalysis A</i> , 2004, 222, 97-102.	4.8	25
96	Ruthenium <i>N</i> -heterocyclic-carbene catalyzed diarylation of arene C-H bond. <i>Applied Organometallic Chemistry</i> , 2008, 22, 314-318.	3.5	25
97	The Influence of Imidazolylidene Ligands with Bulky Resorcinarenyl Substituents on Catalysts for Suzuki-Miyaura Coupling. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1115-1120.	2.0	25
98	Anticancer activities of manganese-based photoactivatable CO-releasing complexes (PhotoCORMs) with benzimidazole derivative ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 331-337.	1.4	25
99	Ruthenium( <i>η</i> -6, <i>η</i> -1-arene-CH <sub>2</sub> -NHC) Catalysts for Direct Arylation of 2-Phenylpyridine with (Hetero)Aryl Chlorides in Water. <i>Molecules</i> , 2018, 23, 647.	3.8	25
100	Synthesis and characterisation of 1-alkyl-2-imidazoline complexes of noble metals; crystal structure of trans-[PtCl <sub>2</sub> { <i>η</i> -C(H)N(Et)CH <sub>2</sub> C≡H <sub>2</sub> }(PEt <sub>3</sub> )]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, 1359-1362.	1.1	24
101	Suzuki reaction of aryl chlorides using saturated <i>N</i> -heterocarbene ligands. <i>Heteroatom Chemistry</i> , 2005, 16, 557-561.	0.7	24
102	Synthesis of sterically hindered <i>N</i> -benzyladamantyl substituted benzimidazol-2-ylidene palladium complexes and investigation of their catalytic activity in aqueous medium. <i>Tetrahedron</i> , 2017, 73, 5940-5945.	1.9	24
103	Palladium(II)- <i>N</i> -Heterocyclic Carbene Complexes: Efficient Catalysts for the Direct C-H Bond Arylation of Furans with Aryl Halides. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4399.	3.5	24
104	Metal-NHC heterocycle complexes in catalysis and biological applications: Systematic review. <i>Materials Today: Proceedings</i> , 2020, 31, S122-S129.	1.8	24
105	Novel <i>N</i> -heterocyclic-carbene-rhodium complexes as hydrosilylation catalysts. <i>Journal of Molecular Catalysis A</i> , 2005, 241, 88-92.	4.8	23
106	Synthesis, characterization, and transfer hydrogenation of Ru(II)- <i>N</i> -heterocyclic carbene complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1236-1248.	2.2	23
107	Synthesis and antimicrobial activity of bulky 3,5-di- <i>tert</i> -butyl substituted <i>N</i> -heterocyclic carbene complexes. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3803.	3.5	23
108	Preparation and characterization of PEPPSI-palladium <i>N</i> -heterocyclic carbene complexes using benzimidazolium salts catalyzed Suzuki-Miyaura cross coupling reaction and their antitumor and antimicrobial activities. <i>Journal of Coordination Chemistry</i> , 2019, 72, 516-527.	2.2	23



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109	Synthesis of bridged palladium-PEPPSI complexes and catalytic studies in C-C cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2019, 495, 118969.	2.4	23
110	N-heterocyclic carbene Pd(II) complex supported on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> : Highly active, reusable and magnetically separable catalyst for Suzuki-Miyaura cross-coupling reactions in aqueous media. <i>Journal of Organometallic Chemistry</i> , 2021, 943, 121823.	1.8	23
111	Palladium-Catalyzed Heck Reaction of Aryl Bromides in Aqueous Media Using Tris(N-Heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	22
112	N-functionalized azolin-2-ylidene-palladium-catalyzed heck reaction. <i>Heteroatom Chemistry</i> , 2008, 19, 82-86.	0.7	22
113	Synthesis, characterization, electrochemical behaviors and applications in the Suzuki-Miyaura cross-coupling reactions of N <sub>2</sub> S <sub>2</sub> O <sub>2</sub> thio Schiff base ligand and its Cu(II), Co(III), Ni(II), Pd(II) complexes and their usage in the fabrication of organic-inorganic hybrid devices. <i>Synthetic Metals</i> , 2012, 161, 2765-2775.	3.9	22
114	Synthesis of ruthenium(II) N-heterocyclic carbene complexes and their catalytic activities in transfer hydrogenation of ketones. <i>Transition Metal Chemistry</i> , 2012, 37, 297-302.	1.4	22
115	Structure, CO-releasing property, electrochemistry, DFT calculation, and antioxidant activity of benzimidazole derivative substituted [Mn(CO) <sub>3</sub> (bpy)L]PF <sub>6</sub> type novel manganese complexes. <i>Inorganica Chimica Acta</i> , 2016, 450, 182-189.	2.4	22
116	A novel ditopic ring-expanded N-heterocyclic carbene ligand-assisted Suzuki-Miyaura coupling reaction in aqueous media. <i>Tetrahedron Letters</i> , 2017, 58, 3529-3532.	1.4	22
117	Palladium(II)- N-heterocyclic carbene-catalyzed direct C2- or C5-arylation of thiazoles with aryl bromides. <i>Tetrahedron</i> , 2018, 74, 2837-2845.	1.9	22
118	Synthesis and investigation of catalytic activity of phenylene And biphenylene bridged bimetallic Palladium-PEPPSI complexes. <i>Journal of Organometallic Chemistry</i> , 2019, 896, 162-167.	1.8	22
119	Ru(N-heterocyclic carbene complexes: synthesis, characterization, transfer hydrogenation reactions and biological determination. <i>RSC Advances</i> , 2019, 9, 34406-34420.	3.6	22
120	Synthesis, characterization and antitumor properties of novel silver(I) and gold(I) N-heterocyclic carbene complexes. <i>Inorganica Chimica Acta</i> , 2020, 506, 119530.	2.4	22
121	Preparation and spectroscopic studies of Fe(II), Ru(II), Pd(II) and Zn(II) complexes of Schiff base containing terephthalaldehyde and their transfer hydrogenation and Suzuki-Miyaura coupling reaction. <i>Open Chemistry</i> , 2019, 17, 571-580.	1.9	21
122	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.	1.4	20
123	Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes. <i>Transition Metal Chemistry</i> , 2005, 30, 367-371.	1.4	20
124	Subtle Steric Effects in Nickel-Catalysed Kumada-Tamara-Corriu Cross-Coupling Using Resorcinarenylimidazolium Salts. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4443-4449.	2.4	20
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164	Synthesis, spectroscopic properties and biological activity of new Cu(I) N-Heterocyclic carbene complexes. <i>Journal of Molecular Structure</i> , 2019, 1181, 209-219.	3.6	15
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