

Yetkin GÃ¶k

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9093122/publications.pdf>

Version: 2024-02-01

60
papers

1,719
citations

236925

25
h-index

302126

39
g-index

61
all docs

61
docs citations

61
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. <i>Bioorganic Chemistry</i> , 2019, 91, 103134.	4.1	132
2	2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, α -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. <i>Journal of Molecular Structure</i> , 2018, 1155, 797-806.	3.6	121
3	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
4	Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties. <i>Archiv Der Pharmazie</i> , 2017, 350, e201700045.	4.1	75
5	Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase. <i>Journal of Molecular Structure</i> , 2018, 1170, 160-169.	3.6	72
6	meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, α -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800029.	4.1	62
7	Novel N-propylphthalimide and 4-vinylbenzyl substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22009.	3.0	61
8	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
9	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. <i>Bioorganic Chemistry</i> , 2020, 94, 103468.	4.1	49
10	Synthesis and antimicrobial studies of 1-methyl-2-dimethylaminoethyl-substituted benzimidazolium salts and N-heterocyclic carbene-silver complexes. <i>Journal of Coordination Chemistry</i> , 2012, 65, 371-379.	2.2	45
11	A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties. <i>Crystals</i> , 2020, 10, 171.	2.2	42
12	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. <i>Polyhedron</i> , 2021, 193, 114866.	2.2	38
13	N-Phenyl substituted carbene precursors and their silver complexes: synthesis, characterization and antimicrobial activities. <i>Applied Organometallic Chemistry</i> , 2014, 28, 244-251.	3.5	37
14	Suzuki-Miyaura Reaction of Unactivated Aryl Chlorides Using Benzimidazol-2-ylidene Ligands. <i>Synthetic Communications</i> , 2004, 34, 4135-4144.	2.1	36
15	Synthesis, Characterization and Crystal Structure of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes and the Catalytic Activity in the Direct Arylation Reaction. <i>Catalysis Letters</i> , 2017, 147, 2340-2351.	2.6	36
16	N-Methylphthalimide-substituted benzimidazolium salts and PEPPSI Pd-NHC complexes: synthesis, characterization and catalytic activity in carbon-carbon bond-forming reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 81-88.	2.2	35
17	Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800146.	4.1	33
18	Benzimidazol-2-ylidene-palladium-catalysed coupling reactions of aryl halides. <i>Applied Organometallic Chemistry</i> , 2005, 19, 870-874.	3.5	32

#	ARTICLE	IF	CITATIONS
19	Palladium catalyzed Mizoroki-Heck and Suzuki-Miyaura reactions using naphthalenomethyl-substituted imidazolidin-2-ylidene ligands in aqueous media. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2901-2909.	2.2	32
20	Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes. <i>Journal of Molecular Structure</i> , 2021, 1228, 129442.	3.6	32
21	2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC complexes: synthesis, crystal structure and in vitro anticancer properties. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 131-139.	2.2	31
22	Chemistry, structure, and biological roles of Au-NHC complexes as TrxR inhibitors. <i>Bioorganic Chemistry</i> , 2020, 95, 103552.	4.1	31
23	PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, α -glycosidase and acetylcholinesterase inhibitory properties. <i>Polyhedron</i> , 2021, 198, 115060.	2.2	29
24	<i>In vitro</i> antimicrobial studies of new benzimidazolium salts and silver N-heterocyclic carbene complexes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1322-1327.	5.2	28
25	2-Hydroxyethyl-Substituted Pd-PEPPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction for Aryl Chlorides in Aqueous Media. <i>ChemistrySelect</i> , 2018, 3, 9974-9980.	1.5	28
26	New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase. <i>Journal of Molecular Structure</i> , 2019, 1184, 487-494.	3.6	26
27	Synthesis and characterization of 1-phenyl-3-alkylbenzimidazol-2-ylidene salts and their catalytic activities in the Heck and Suzuki cross-coupling reactions. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1396-1404.	2.2	24
28	Benzimidazolium-based novel silver N-heterocyclic carbene complexes: synthesis, characterisation and <i>in vitro</i> antimicrobial activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1527-1530.	5.2	24
29	Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes. <i>Research on Chemical Intermediates</i> , 2017, 43, 6379-6393.	2.7	24
30	N-Propylphthalimide-substituted bis-(NHC)PdX ₂ complexes: synthesis, characterization and catalytic activity in direct arylation reactions. <i>Transition Metal Chemistry</i> , 2018, 43, 31-37.	1.4	24
31	N-functionalized azolin-ylidene-palladium-catalyzed heck reaction. <i>Heteroatom Chemistry</i> , 2008, 19, 82-86.	0.7	22
32	4-Vinylbenzyl-substituted silver(I) N-heterocyclic carbene complexes and ruthenium(II) N-heterocyclic carbene complexes: synthesis and transfer hydrogenation of ketones. <i>Transition Metal Chemistry</i> , 2014, 39, 925-931.	1.4	22
33	Pentafluorobenzyl-substituted benzimidazolium salts: Synthesis, characterization, crystal structures, computational studies and inhibitory properties of some metabolic enzymes. <i>Journal of Molecular Structure</i> , 2022, 1265, 133266.	3.6	21
34	Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes. <i>Transition Metal Chemistry</i> , 2005, 30, 367-371.	1.4	20
35	N-Propylphthalimide-Substituted Silver(I) N-Heterocyclic Carbene Complexes and Ruthenium(II) N-Heterocyclic Carbene Complexes: Synthesis and Transfer Hydrogenation of Ketones. <i>Catalysis Letters</i> , 2015, 145, 631-639.	2.6	20
36	2-Hydroxyethyl-Substituted (NHC)Pd(II)PPh ₃ Complexes: Synthesis, Characterization, Crystal Structure and Its Application on Sonogashira Cross-Coupling Reactions in Aqueous Media. <i>ChemistrySelect</i> , 2018, 3, 10932-10937.	1.5	20

#	ARTICLE	IF	CITATIONS
37	Mixed phosphine/N-heterocyclic carbeneâ€‘palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media. <i>Transition Metal Chemistry</i> , 2019, 44, 229-236.	1.4	20
38	Catalytic activities in direct arylation of novel palladium <i>N</i> -heterocyclic carbene complexes. <i>Applied Organometallic Chemistry</i> , 2014, 28, 854-860.	3.5	17
39	Silver <i>N</i> -heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6312.	3.5	17
40	4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , 2020, 1202, 127355.	3.6	16
41	Synthesis, characterization, crystal structure, α -glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000422.	4.1	16
42	New (NHC)Pd(II)(PPh ₃) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizorokiâ€‘Heck cross-coupling reactions. <i>Chemical Papers</i> , 2020, 74, 99-112.	2.2	12
43	The (NHC)PdBr ₂ (2-aminopyridine) complexes: synthesis, characterization, molecular docking study, and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase. <i>Monatshefte F�r Chemie</i> , 2020, 151, 1557-1567.	1.8	12
44	Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and α -glycosidase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23001.	3.0	12
45	Synthesis, crystal structures, spectral FT-IR, NMR and UV-Vis investigations and Hirshfeld surface analysis of two new 2-hydroxyethyl-substituted <i>N</i> -heterocyclic carbene precursors. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1389-1396.	1.4	11
46	2-methyl-1,4-benzodioxan-substituted bis(NHC)PdX ₂ complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction of some 2-alkyl-heterocyclic compounds. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 423-433.	2.2	11
47	Novel silver(I) <i>N</i> -heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 603-611.	2.6	10
48	Cytotoxic activity and apoptosis induction by a series Ag(I)-NHC complexes on human breast cancer cells and non-tumorigenic epithelial cell line. <i>Journal of Molecular Structure</i> , 2021, 1228, 129462.	3.6	9
49	In situ preparation of palladium <i>N</i> -heterocyclic carbene complexes and use for Suzuki reaction. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 303-306.	2.6	8
50	Anti-Markovnikov hydroaminations of styrene catalyzed by palladium(II) <i>N</i> -heterocyclic carbene complexes under conventional and microwave heating. <i>Transition Metal Chemistry</i> , 2018, 43, 591-596.	1.4	8
51	Novel 2-hydroxyethyl substituted <i>N</i> -coordinate-Pd(II)(NHC) and bis(NHC)Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	8
52	New morpholine-liganded palladium(II) <i>N</i> -heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900187.	4.1	8
53	<i>N</i> -Heterocyclic carbene silver complexes: synthesis, characterization and <i>in vitro</i> antimicrobial studies. <i>Journal of the Chinese Advanced Materials Society</i> , 2014, 2, 20-30.	0.7	7
54	Synthesis and characterization of novel polyimides starting from 1,2-bis(p-dimethylaminobenzylideneimino)alkane homologues and various dianhydrides. <i>Polymer International</i> , 2004, 53, 688-697.	3.1	6

#	ARTICLE	IF	CITATIONS
55	In situ Generated 1-Alkylimidazoline-palladium Catalyst for the Suzuki Cross-coupling Reaction of Aryl Chlorides. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 541-544.	0.6	6
56	Synthesis and Properties of Novel Selenium containing Polyimides with Various Dianhydrides. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005, 15, 269-279.	3.7	4
57	Antimicrobial Studies of N-Heterocyclic Carbene Silver Complexes Containing Benzimidazol-2-ylidene Ligand. <i>International Journal of Inorganic Chemistry</i> , 2014, 2014, 1-6.	0.6	4
58	A study about excellent xanthine oxidase inhibitory effects of new pyridine salts. <i>Monatshefte für Chemie</i> , 2021, 152, 1251-1260.	1.8	4
59	Synthesis, antioxidant and anti-microbial properties of two organoselenium compounds. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 611-6.	0.2	2
60	Crystal structure of 1,3-bis(4-methylbenzyl)-1 <i>H</i> -1,3-benzimidazol-3-ium bromide monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o10-o11.	0.5	1