Yetkin GÃ¶k

List of Publications by Year
in descending order

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60	1,719	236925	302126
papers	citations	25 h-index	39 g-index

61	61	61	1019
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and Î±â€glycosidase. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23001.	3.0	12
2	Pentafluorobenzyl-substituted benzimidazolium salts: Synthesis, characterization, crystal structures, computational studies and inhibitory properties of some metabolic enzymes. Journal of Molecular Structure, 2022, 1265, 133266.	3.6	21
3	Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes. Journal of Molecular Structure, 2021, 1228, 129442.	3.6	32
4	Novel silver(I)<scp>Nâ€heterocyclic</scp> carbene complexes bearing 2â€(4â€hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. Journal of Heterocyclic Chemistry, 2021, 58, 603-611.	2.6	10
5	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. Polyhedron, 2021, 193, 114866.	2.2	38
6	Cytotoxic activity and apoptosis induction by a series Ag(I)-NHC complexes on human breast cancer cells and non-tumorigenic epithelial cell line. Journal of Molecular Structure, 2021, 1228, 129462.	3.6	9
7	Synthesis, characterization, crystal structure, Î±â€glycosidase, and acetylcholinesterase inhibitory properties of 1,3â€disubstituted benzimidazolium salts. Archiv Der Pharmazie, 2021, 354, e2000422.	4.1	16
8	PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, Î±-glycosidase and acetylcholinesterase inhibitory properties. Polyhedron, 2021, 198, 115060.	2.2	29
9	Silver Nâ€heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes. Applied Organometallic Chemistry, 2021, 35, e6312.	3.5	17
10	A study about excellent xanthine oxidase inhibitory effects of new pyridine salts. Monatshefte FÃ¼r Chemie, 2021, 152, 1251-1260.	1.8	4
11	New (NHC)Pd(II)(PPh3) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizorokiâ€“Heck cross-coupling reactions. Chemical Papers, 2020, 74, 99-112.	2.2	12
12	4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation. Journal of Molecular Structure, 2020, 1202, 127355.	3.6	16
13	Chemistry, structure, and biological roles of Au-NHC complexes as TrxR inhibitors. Bioorganic Chemistry, 2020, 95, 103552.	4.1	31
14	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. Bioorganic Chemistry, 2020, 94, 103468.	4.1	49
15	The (NHC)PdBr2(2-aminopyridine) complexes: synthesis, characterization, molecular docking study, and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase. Monatshefte FÃ¼r Chemie, 2020, 151, 1557-1567.	1.8	12
16	A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties. Crystals, 2020, 10, 171.	2.2	42
17	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. Bioorganic Chemistry, 2019, 91, 103134.	4.1	132
18	Novel 2-hydroxyethyl substituted N-coordinate-Pd(II)(NHC) and bis(NHC)Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction. Journal of Chemical Sciences, 2019, 131, 1.	1.5	8

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19	Synthesis, crystal structures, spectral FTâ€IR, NMR and UVâ€“Vis investigations and Hirshfeld surface analysis of two new 2â€hydroxyethylâ€substituted Nâ€heterocyclic carbene precursors. Journal of the Chinese Chemical Society, 2019, 66, 1389-1396.	1.4	11
20	New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase. Journal of Molecular Structure, 2019, 1184, 487-494.	3.6	26
21	New morpholineâ€liganded palladium(II) Nâ€heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNAâ€binding studies. Archiv Der Pharmazie, 2019, 352, e1900187.	4.1	8
22	Mixed phosphine/N-heterocyclic carbeneâ€“palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media. Transition Metal Chemistry, 2019, 44, 229-236.	1.4	20
23	2-methyl-1,4-benzodioxan-substituted bis(NHC)PdX2 complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction of some 2-alkyl-heterocyclic compounds. Journal of the Iranian Chemical Society, 2019, 16, 423-433.	2.2	11
24	2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC complexes: synthesis, crystal structure and in vitro anticancer properties. Journal of the Iranian Chemical Society, 2018, 15, 131-139.	2.2	31
25	2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, Î±-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. Journal of Molecular Structure, 2018, 1155, 797-806.	3.6	121
26	N-Propylphthalimide-substituted bis-(NHC)PdX2 complexes: synthesis, characterization and catalytic activity in direct arylation reactions. Transition Metal Chemistry, 2018, 43, 31-37.	1.4	24
27	Novel Nâ€propylphthalimideâ€and 4â€vinylbenzylâ€substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22009.	3.0	61
28	2â€Hydroxyethylâ€Substituted (NHC)Pd(II)PPh₃ Complexes: Synthesis, Characterization, Crystal Structure and Its Application on Sonogashira Crossâ€Coupling Reactions in Aqueous Media. ChemistrySelect, 2018, 3, 10932-10937.	1.5	20
29	2â€Hydroxyethylâ€Substituted Pdâ€PEPPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzukiâ€Miyaura Reaction for Aryl Chlorides in Aqueous Media. ChemistrySelect, 2018, 3, 9974-9980.	1.5	28
30	metaâ€Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, Î±â€glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. Archiv Der Pharmazie, 2018, 351, e1800029.	4.1	62
31	Anti-Markovnikov hydroaminations of styrene catalyzed by palladium(II) N-heterocyclic carbene complexes under conventional and microwave heating. Transition Metal Chemistry, 2018, 43, 591-596.	1.4	8
32	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. Journal of Molecular Structure, 2018, 1170, 160-169.	3.6	72
33	Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors. Archiv Der Pharmazie, 2018, 351, e1800146.	4.1	33
34	Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties. Archiv Der Pharmazie, 2017, 350, e201700045.	4.1	75
35	Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes. Research on Chemical Intermediates, 2017, 43, 6379-6393.	2.7	24
36	Synthesis, Characterization and Crystal Structure of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes and the Catalytic Activity in the Direct Arylation Reaction. Catalysis Letters, 2017, 147, 2340-2351.	2.6	36

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37	N-Methylphthalimide-substituted benzimidazolium salts and PEPPSI Pdâ€“NHC complexes: synthesis, characterization and catalytic activity in carbonâ€“carbon bond-forming reactions. Beilstein Journal of Organic Chemistry, 2016, 12, 81-88.	2.2	35
38	In vitro antimicrobial studies of new benzimidazolium salts and silver N-heterocyclic carbene complexes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1322-1327.	5.2	28
39	Benzimidazolium-based novel silver N-heterocyclic carbene complexes: synthesis, characterisation and in vitro antimicrobial activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1527-1530.	5.2	24
40	N-Propylphthalimide-Substituted Silver(I) N-Heterocyclic Carbene Complexes and Ruthenium(II) N-Heterocyclic Carbene Complexes: Synthesis and Transfer Hydrogenation of Ketones. Catalysis Letters, 2015, 145, 631-639.	2.6	20
41	Crystal structure of 1,3-bis(4-methylbenzyl)-1H-1,3-benzimidazol-3-ium bromide monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o10-o11.	0.5	1
42	Synthesis, antioxidant and anti-microbial properties of two organoselenium compounds. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 611-6.	0.2	2
43	4-Vinylbenzyl-substituted silver(I) N-heterocyclic carbene complexes and ruthenium(II) N-heterocyclic carbene complexes: synthesis and transfer hydrogenation of ketones. Transition Metal Chemistry, 2014, 39, 925-931.	1.4	22
44	Antimicrobial Studies of N-Heterocyclic Carbene Silver Complexes Containing Benzimidazol-2-ylidene Ligand. International Journal of Inorganic Chemistry, 2014, 2014, 1-6.	0.6	4
45	Nâ€Phenylâ€substituted carbene precursors and their silver complexes: synthesis, characterization and antimicrobial activities. Applied Organometallic Chemistry, 2014, 28, 244-251.	3.5	37
46	N-Heterocyclic carbene silver complexes: synthesis, characterization andin vitroantimicrobial studies. Journal of the Chinese Advanced Materials Society, 2014, 2, 20-30.	0.7	7
47	Catalytic activities in direct arylation of novel palladium Nâ€heterocyclic carbene complexes. Applied Organometallic Chemistry, 2014, 28, 854-860.	3.5	17
48	Palladium catalyzed Mizorokiâ€“Heck and Suzukiâ€“Miyaura reactions using naphthalenomethyl-substituted imidazolidin-2-ylidene ligands in aqueous media. Journal of Coordination Chemistry, 2013, 66, 2901-2909.	2.2	32
49	Synthesis and characterization of 1-phenyl-3-alkylbenzimidazol-2-ylidene salts and their catalytic activities in the Heck and Suzuki cross-coupling reactions. Journal of Coordination Chemistry, 2013, 66, 1396-1404.	2.2	24
50	Synthesis and antimicrobial studies of 1-methyl-2-dimethylaminoethyl-substituted benzimidazolium salts and N-heterocyclic carbeneâ€“silver complexes. Journal of Coordination Chemistry, 2012, 65, 371-379.	2.2	45
51	Nâ€Heterocyclic Carbenes: Useful Ligands for the Palladiumâ€Catalysed Direct C5 Arylation of Heteroaromatics with Aryl Bromides or Electronâ€Deficient Aryl Chlorides. European Journal of Inorganic Chemistry, 2010, 2010, 1798-1805.	2.0	75
52	Nâ€functionalized azolinâ€2â€ylideneâ€palladiumâ€catalyzed heck reaction. Heteroatom Chemistry, 2008, 19, 82-86.	0.7	22
53	Benzimidazolin-2-ylidene-palladium-catalysed coupling reactions of aryl halides. Applied Organometallic Chemistry, 2005, 19, 870-874.	3.5	32
54	In situpreparation of palladium /N-heterocyclic carbene complexes and use for suzuki reaction. Journal of Heterocyclic Chemistry, 2005, 42, 303-306.	2.6	8

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55	Rhodium-benzimidazolidin-2-ylidene catalyzed addition of arylboronic acids to aldehydes. Transition Metal Chemistry, 2005, 30, 367-371.	1.4	20
56	Synthesis and Properties of Novel Selenium containing Polyimides with Various Dianhydrides. Journal of Inorganic and Organometallic Polymers and Materials, 2005, 15, 269-279.	3.7	4
57	Inâ€situ Generated 1â€Alkylimidazolineâ€palladium Catalyst for the Suzuki Crossâ€coupling Reaction of Aryl Chlorides. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2005, 35, 541-544.	0.6	6
58	Synthesis and characterization of novel polyimides starting from 1,2-bis(p-dimethylaminobenzylideneimino)alkane homologues and various dianhydrides. Polymer International, 2004, 53, 688-697.	3.1	6
59	Palladium-catalyzed Suzuki reaction using 1,3-dialkylbenzimidazol-2-ylidene ligands in aqueous media. Heteroatom Chemistry, 2004, 15, 419-423.	0.7	50
60	Suzukiâ€“Miyaura Reaction of Unactivated Aryl Chlorides Using Benzimidazolâ€2â€Ylidene Ligands. Synthetic Communications, 2004, 34, 4135-4144.	2.1	36