

# Aydin Tavman

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	&lt;b&gt;Synthesis, spectral characterizations and antimicrobial activity of some Schiff bases of 4-chloro-2-aminophenol&lt;/b&gt;. Bulletin of the Chemical Society of Ethiopia, 2011, 25, .	1.1	64
2	Title is missing!. Transition Metal Chemistry, 2000, 25, 324-328.	1.4	32
3	Sono-oxidative desulfurization of fuels using heterogeneous and homogeneous catalysts: A comprehensive review. Ultrasonics Sonochemistry, 2022, 83, 105845.	8.2	21
4	Structural Characterization and Antimicrobial Activity of 2-(5-H/methyl-1H-benzimidazol-2-yl)-4-bromo/nitro-phenol Ligands and their Fe(NO <sub>3</sub> ) <sub>3</sub> Complexes. Transition Metal Chemistry, 2006, 31, 194-200.	1.4	20
5	Spectral Characterization and Antimicrobial Activity of Some Schiff Bases Derived from 4-â€Chloroâ€2-â€aminophenol and Various Salicylaldehyde Derivatives. Chinese Journal of Chemistry, 2012, 30, 449-459.	4.9	20
6	Investigation of Raman, FT-IR, EPR spectra and antimicrobial activity of 2-(5-H/Me/Cl-1H-benzimidazol-2-yl)-phenol ligands and their Fe(NO <sub>3</sub> ) <sub>3</sub> complexes. Transition Metal Chemistry, 2007, 32, 172-179.	1.4	19
7	Preparation, characterization and antibacterial effect of 2-methoxy-6-(5-H/Me/Cl/NO <sub>2</sub> -1H-benzimidazol-2-yl)phenols and some transition metal complexes. Journal of the Serbian Chemical Society, 2009, 74, 537-548.	0.8	19
8	Synthesis, spectral characterisation of 2-(5-methyl-1H-benzimidazol-2-yl)-4-bromo/nitro-phenols and their complexes with zinc(II) ion, and solvent effect on complexation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 63, 343-348.	3.9	18
9	Spectral characterization and antimicrobial activity of 2-(5-chloro/nitro-1H-benzimidazol-2-yl)-4-bromo/nitro-phenols and their zinc(II) complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 199-206.	3.9	16
10	Synthesis, Characterization and Antimicrobial Activity of d8-10 Metal Complexes of some 2-Substituted-1H-Benzimidazoles. Metal-Based Drugs, 1999, 6, 163-167.	3.8	15
11	Spectral characterization and antimicrobial activity of Cu(II) and Fe(III) complexes of 2-(5-Cl/NO <sub>2</sub> -1H-benzimidazol-2-yl)-4-Br/NO <sub>2</sub> -phenols. Journal of Coordination Chemistry, 2010, 63, 1398-1410.	2.2	14
12	Dehydroisomerization of n-butane over Cr/SiO <sub>2</sub> . Chemical Engineering Journal, 2008, 143, 180-185.	12.7	13
13	Synthesis, structural characterization and antimicrobial activity of Schiff bases and benzimidazole derivatives and their complexes with CoCl <sub>2</sub> , PdCl <sub>2</sub> , CuCl <sub>2</sub> and ZnCl <sub>2</sub> . Journal of Molecular Structure, 2021, 1229, 129498.	3.6	12
14	ZINC(II) COMPLEXES OF 2-(2-HYDROXY-5-BROMO/NITRO-PHENYL)-5-METHYL/CHLORO/NITRO-1H-BENZIMIDAZOLES. Main Group Metal Chemistry, 2001, 24, .	1.6	11
15	Synthesis, characterization and antimicrobial activity of 2-(5-H/Me/F/Cl/NO <sub>2</sub> -1H-benzimidazol-2-yl)-benzene-1,4-diols and some transition metal complexes. Journal of the Iranian Chemical Society, 2012, 9, 815-825.	2.2	11
16	Spectral Characterization and Antimicrobial Activity of Some Schiff Bases Derived from 4-â€Methylâ€2-â€aminophenol. Chinese Journal of Chemistry, 2012, 30, 970-978.	4.9	10
17	Spectral characterization and antibacterial effect of 2-methyl-6-(5-H-Me-Cl-NO) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td Chemistry, 2010, 55, 215-222.	1.3	9
18	Spectral Characterization and Antimicrobial Activity of 4-(5-H/Me/Cl/NO <sub>2</sub> -1H-Benzimidazol-2-YL)-Benzene-1,3-Diols and Some Metal Complexes. Reviews in Inorganic Chemistry, 2009, 29, 255-272.	4.1	7

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19	1,2-BIS-[(5-H/METHYL/CHLORO/NITRO)-2-1HBENZIMIDAZOLYL]-1,2-ETHANEDIOLS and 1,4-BIS-[(5-H/METHYL/CHLORO)-2-1H-BENZIMIDAZOLYL]-1,2,3,4-BUTANETETRAOLS COMPLEXES WITH AgNO <sub>3</sub> . Reviews in Inorganic Chemistry, 2002, 22, 113-124.	4.1	6
20	Spectral characterizations and antibacterial effect of 2-(5-R-1H-benzimidazol-2-yl)-4-methyl/bromo-phenols and some metal complexes. Bulletin of the Chemical Society of Ethiopia, 2010, 24, .	1.1	6
21	Studies of Metal Complexes of 2-(2-Pyridinyl)-, 2-(6-Methyl-2-Pyridinyl)-, 2(3Pyridinyl)-1H-Benzimidazoles with Some D <sup>8+</sup> Ions. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1999, 29, 1805-1819.	1.8	5
22	1,2-Bis-[(5-methyl/chloro/nitro)-2-1H-benzimidazolyl]-1,2-ethanediols and their PdCl <sub>2</sub> complexes. Transition Metal Chemistry, 2001, 26, 723-726.	1.4	5
23	ACIDITY OF SOME 2-SUBSTITUTED-1HBENZIMIDAZOLES AND THEIR AFFINITY TOWARDS Cu(II) ION. Reviews in Inorganic Chemistry, 2001, 21, 369-379.	4.1	5
24	Fe(III), Co(II), Ni(II), Cu(II) COMPLEXES OF 1,2-BIS-(2- 1H-BENZIMIDAZOLYL)-1,2-ETHANEDIOL AND 1,4-BIS-(2-1H-BENZIMIDAZOLYL)-1,2,3,4- BUTANETETRAOL. Reviews in Inorganic Chemistry, 2002, 22, 41-52.	4.1	5
25	Spectral characterization and crystal structure of 2-amino-N <sup>2</sup> -[(1Z)-1-(4-chlorophenyl)ethylidene]-benzohydrazide. Journal of Saudi Chemical Society, 2016, 20, 40-44.	5.2	5
26	Bimetallic Cd(II) and Hg(II) complexes of 1, 4-bis-(5-H/methyl/chloro-1H-benzimidazol- 2-yl)-1, 2, 3, 4-butanetetraols. Journal of the Serbian Chemical Society, 2005, 70, 1067-1073.	0.8	5
27	Synthesis and spectral characterization of 1,3-bis-(1 H -benzimidazol-2-yl)-2-oxapropane complexes with various Zn(II) salts. Inorganica Chimica Acta, 2014, 421, 481-488.	2.4	4
28	Antimicrobial Activity of Turkish Citrus Leaf Oils and Compositions of Turkish Orange and Grapefruit Leaf Oils. Analytical Chemistry Letters, 2012, 2, 72-79.	1.0	3
29	Synthesis, Spectral Characterization and Antimicrobial Activity of Some Transition Metal Complexes of 1,3-Bis(1 H-benzimidazol-2-yl)-2-oxapropane. Journal of the Chinese Chemical Society, 2014, 61, 1377-1387.	61,4	3
30	Synthesis, Characterization and Antimicrobial Activity of Schiff Bases Including Three Hydroxy Groups and Their CoCl <sub>2</sub> , PdCl <sub>2</sub> , CuCl <sub>2</sub> and ZnCl <sub>2</sub> Complexes. ChemistrySelect, 2020, 5, 9730-9735.	1.5	3
31	Vanadium(III)chloride complexes of 1,2-bis-(5-H/methyl/chloro/nitro)- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,262 Td (1H-benzimidazol-2-yl)-1,2,3,4-butanetetraols. Journal of Inorganic Chemistry, 2003, 26, .	0,8	3
32	Complexation of 1,4-Bis-[(5-H/methyl/chloro)-2-1H-benzimidazolyl]- 1,2,3,4-butanetetraols with ZnCl <sub>2</sub> . Main Group Metal Chemistry, 2003, 26, .	1.6	2
33	Vanadium(III) Complexes of 1,4-Bis-[(5-H/methyl/chloro)-2-[H-Benzimidazolyl]-1,2,3,4-butanetetraols. Reviews in Inorganic Chemistry, 2005, 25, 377-386.	4.1	2
34	Synthesis and characterization of polymeric Pd(II), Pt(IV), and Au(III) complexes of 2,2'-(1,4-phenylenedivinylene)-bis-8-hydroxyquinoline. Russian Journal of Inorganic Chemistry, 2006, 51, 1198-1201.	1.3	2
35	Spectral Characterization and Crystal Structure of 1,2-Bis-(1 H-benzimidazol-2-yl)-ethane Dihydrochloride. Journal of Chemistry, 2013, 2013, 1-5.	1.9	2
36	Synthesis, crystal structure and properties of [Co(L) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> (L=1,3-bis(1H-benzimidazol-2-yl)-2-oxapropane). Journal of the Serbian Chemical Society, 2015, 80, 45-51.	0.8	2

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37	Synthesis, In Vitro and In Silico Antibacterial Evaluation of 4,5-Dihydro-1 <i>H</i> -Indazoles. <i>ChemistrySelect</i> , 2017, 2, 9364-9368.	1.5	2
38	Crystal Structure of N-(4-Chloro-2-hydroxyphenyl)-5-methoxysalicylalimine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X145-X146.	0.1	1
39	Zn(II) and Cu(II) complexes of 2-(2-hydroxy-5-methylphenyl)-1 <i>H</i> -benzimidazole and crystal structure of 2-(2-hydroxy-5-methylphenyl)-1 <i>H</i> -benzimidazolium chloride. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 377-383.	1.3	1
40	Preparation and spectral characterization of 1,3-bis(1 <i>H</i> -benzimidazol-2-yl)-propan-1-one and its various Zn(II) complexes. <i>Main Group Metal Chemistry</i> , 2012, 35, .	1.6	1
41	Synthesis and spectral characterization of 1,2-bis(5-methyl/chloro-1 <i>H</i> -benzimidazol-2-yl)ethanols and their Co(II), Pd(II) and Zn(II) complexes. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 1099-1112.	0.8	0
42	Synthesis, Spectral and Theoretical Characterization of 5,6-Dichloro/Dimethyl-2-(2,3,4,5-tetrahydro-1 <i>H</i> -benzimidazol-2-yl)-1 <i>H</i> -Benzimidazoles. <i>Chemistry Journal of Moldova</i> , 2016, 11, 58-67.	0.6	0