

# Ahmet Kilic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1027961/publications.pdf>

Version: 2024-02-01

61  
papers

1,291  
citations

279798

23  
h-index

434195

31  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1018  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary artery transection for resection of a middle mediastinal paraganglioma. <i>Clinical Case Reports (discontinued)</i> , 2022, 10, e05600.	0.5	0
2	Development of adaptive neuro-fuzzy inference system model for predict trihalomethane formation potential in distribution network simulation test. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15870-15882.	5.3	3
3	A Novel Dopamine-Based Boronate Esters with the Organic Base as Highly Efficient, Stable, and Green Catalysts for the Conversion of CO <sub>2</sub> with Epoxides to Cyclic Carbonates. <i>Energy Technology</i> , 2021, 9, 2100478.	3.8	22
4	Perils, paradigms, and possibilities: A commentary and recommendation on re-evaluating racial disparities in cardiac surgery. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4243-4244.	0.7	0
5	How I do it: Totally extrapericardial, ambulatory central venoarterial extracorporeal membrane oxygenation as a bridge to heart transplantation. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4812-4813.	0.7	1
6	Mannich reaction derived novel boron complexes with amine-bis(phenolate) ligands: Synthesis, spectroscopy and in vitro/in silico biological studies. <i>Journal of Organometallic Chemistry</i> , 2020, 927, 121542.	1.8	46
7	Synthesis and effective catalytic performance in cycloaddition reactions with CO <sub>2</sub> of boronate esters versus N-heterocyclic carbene (NHC)-stabilized boronate esters. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5682-5696.	4.9	30
8	Synthesis of <i>cis</i> -1,2-diol-type chiral ligands and their dioxaborinane derivatives: Application for the asymmetric transfer hydrogenation of various ketones and biological evaluation. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5835.	3.5	14
9	The synthesis of novel boronate esters and N-Heterocyclic carbene (NHC)-stabilized boronate esters: Spectroscopy, antimicrobial and antioxidant studies. <i>Journal of Organometallic Chemistry</i> , 2020, 917, 121268.	1.8	17
10	Synthesis and electrochemical investigation of chiral amine bis(phenolate)-boron complexes: In vitro antibacterial activity screening of boron compounds. <i>Inorganica Chimica Acta</i> , 2020, 510, 119777.	2.4	18
11	Pd(II) supported dioxime functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles as efficient, eco-friendly and reusable catalysts for the Suzuki-Miyaura cross-coupling reaction in water. <i>Journal of Organometallic Chemistry</i> , 2019, 896, 129-138.	1.8	36
12	Neutral boron [(L1-3)BPh <sub>2</sub> ] and cationic charged boron [(L1a-3a)BPh <sub>2</sub> ] complexes for chemical CO <sub>2</sub> conversion to obtain cyclic carbonates under ambient conditions. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1066-1077.	4.9	31
13	The chiral boronate-catalyzed asymmetric transfer hydrogenation of various aromatic ketones to high-value alcohols: Preparation and spectroscopic studies. <i>Journal of Organometallic Chemistry</i> , 2019, 890, 1-12.	1.8	14
14	Solution processed boron doped ZnO thin films: influence of different boron complexes. <i>Materials Research Express</i> , 2019, 6, 035903.	1.6	27
15	Different Hemi-Salen/Salan Ligand Containing Binuclear Boron-Fluoride Complexes: Synthesis, Spectroscopy, Fluorescence Properties, and Catalysis. <i>Polycyclic Aromatic Compounds</i> , 2019, 39, 248-265.	2.6	14
16	Novel Fluorine Boron Hybrid Complex as Potential Antiproliferative Drugs on Colorectal Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 627-637.	1.7	10
17	The synthesis and investigation of different cobaloximines by spectroscopic methods. <i>Journal of Molecular Structure</i> , 2018, 1174, 25-31.	3.6	10
18	Catechol-type ligand containing new modular design dioxaborinane compounds: Use in the transfer hydrogenation of various ketones. <i>Catalysis Communications</i> , 2018, 111, 42-46.	3.3	21

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of novel positively charged organocobaloximes as catalysts for the fixation of CO <sub>2</sub> to cyclic carbonates. <i>Journal of Organometallic Chemistry</i> , 2018, 858, 78-88.	1.8	31
20	Synthesis and Characterization of the Hemi- and Salen Ligands and Their Triboron Complexes: Spectroscopy and Examination of Anticancer Properties. <i>Chemistry and Biodiversity</i> , 2018, 15, e1700428.	2.1	12
21	An Analysis of Children's Right to Participation at Primary Schools in Turkey: A Case Study. <i>Qualitative Research in Education</i> , 2018, 7, 265.	0.6	7
22	Dicobaloxime/organodicobaloximes bridged by different axial groups: synthesis, characterization, spectroscopy, and catalysis. <i>Chemical Papers</i> , 2017, 71, 1705-1720.	2.2	7
23	The apoptotic, cytotoxic and genotoxic effect of novel binuclear boron-fluoride complex on endometrial cancer. <i>BioMetals</i> , 2017, 30, 933-944.	4.1	20
24	Altered protein levels in the isolated extracellular matrix of failing human hearts with dilated cardiomyopathy. <i>Cardiovascular Pathology</i> , 2017, 26, 12-20.	1.6	14
25	Design, synthesis and characterization of novel dioxime ligand-based cobaloxime compounds for application in the coupling of CO <sub>2</sub> with epoxides. <i>New Journal of Chemistry</i> , 2016, 40, 7901-7910.	2.8	21
26	Synthesis of the Multinuclear Cobaloxime Complexes via Click Chemistry as Catalysts for the Formation of Cyclic Carbonates from Carbon Dioxide and Epoxides. <i>Journal of Chemical Sciences</i> , 2015, 127, 1665-1674.	1.5	5
27	Synthesis, spectroscopic and catalytic properties of some new boron hybrid molecule derivatives by BF <sub>2</sub> and BPh <sub>2</sub> chelation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 62-72.	3.9	21
28	Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis. <i>Journal of Molecular Structure</i> , 2015, 1089, 222-232.	3.6	35
29	Mono/multinuclear cobaloxime and organocobaloxime-catalyzed conversion of CO <sub>2</sub> and epoxides to cyclic organic carbonates: Synthesis and characterization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 98-106.	5.8	25
30	The synthesis, characterization, and electrochemistry of molecular cobaloxime/organocobaloxime: catalysts for cycloaddition of carbon dioxide and epoxides. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2661-2679.	2.2	17
31	The multinuclear cobaloxime complexes-based catalysts for direct synthesis of cyclic carbonate from epichlorohydrin using carbon dioxide: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2014, 411, 17-25.	2.4	30
32	Ketone synthesized cobaloxime/organocobaloxime catalysts for cyclic carbonate synthesis from CO <sub>2</sub> and epoxides: Characterization and electrochemistry. <i>Journal of Organometallic Chemistry</i> , 2014, 767, 150-159.	1.8	28
33	Fluorine/phenyl chelated boron complexes: Synthesis, fluorescence properties and catalyst for transfer hydrogenation of aromatic ketones. <i>Journal of Fluorine Chemistry</i> , 2014, 162, 9-16.	1.7	29
34	The coupling of carbon dioxide and epoxides by phenanthroline derivatives containing different Cu(II) complexes as catalyst. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 432-438.	3.9	12
35	Synthesis, characterization, electrochemical properties and conversions of carbon dioxide to cyclic carbonates mononuclear and multinuclear oxime complexes using as catalyst. <i>Inorganica Chimica Acta</i> , 2013, 394, 635-644.	2.4	17
36	Multinuclear Cu(II) Schiff Base Complex as Efficient Catalyst for the Chemical Coupling of CO <sub>2</sub> and Epoxides: Synthesis, X-ray Structural Characterization and Catalytic Activity. <i>Catalysis Letters</i> , 2011, 141, 717-725.	2.6	44

#	ARTICLE	IF	CITATIONS
37	Synthesis of new boron complexes: application to transfer hydrogenation of acetophenone derivatives. Applied Organometallic Chemistry, 2011, 25, 390-394.	3.5	29
38	Silicon containing new salicylaldimine Pd(II) and Co(II) metal complexes as efficient catalysts in transformation of carbon dioxide (CO <sub>2</sub> ) to cyclic carbonates. Journal of Organometallic Chemistry, 2011, 696, 1372-1379.	1.8	37
39	The properties of the new Mn(II)-Co(II)-Mn(II)-type hetero-trinuclear oxime metal complexes with N <sub>4</sub> and N <sub>4</sub> O <sub>2</sub> ligands. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 423-429.	1.6	3
40	Hetero- and homo-oleptic Ru(II) catalyzed synthesis of cyclic carbonates from CO <sub>2</sub> ; Synthesis, spectroscopic characterization and electrochemical properties. Applied Organometallic Chemistry, 2010, 24, 446-453.	3.5	17
41	The orthopalladation dinuclear [Pd(L1)( <sup>1</sup> / <sub>4</sub> -OAc)] <sub>2</sub> , [Pd(L2)( <sup>1</sup> / <sub>4</sub> -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. Journal of Organometallic Chemistry, 2010, 695, 697-706.	1.8	26
42	Conversion of CO <sub>2</sub> into Cyclic Carbonates in the Presence of Metal Complexes as Catalysts. Journal of Chemical Research, 2010, 34, 622-626.	1.3	8
43	Synthesis, Spectral Characterization and Electrochemical Investigations of Mononuclear Cu (II), Ni (II) and Co (II) Metal Complexes Containing Different New vic-dioxime Groups. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 379-387.	0.6	4
44	Synthesis, characterization and electro-spectroelectrochemical studies of four macrocyclic Schiff-base Co(II) complexes having N <sub>2</sub> O <sub>2</sub> set of donor atoms. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 63, 163-169.	1.6	11
45	Novel vic-dioxime ligands and their poly-metal complexes bearing 1,8-diamino-3,6-dioxaoctane: synthesis, characterization, spectroscopy and electrochemistry. Transition Metal Chemistry, 2008, 33, 29-37.	1.4	23
46	Synthesis, spectral characterization, electrochemical studies and catalytic properties in Suzuki-Miyaura coupling reactions of the mononuclear Pd <sup>II</sup> , trinuclear Pd <sup>II</sup> (BPh <sub>2</sub> ) <sub>2</sub> and Ru <sup>II</sup> ; Pd <sup>II</sup> ; Ru <sup>II</sup> type complexes containing 4-amino-1-benzyl piperidine and phenyl groups. Applied Organometallic Chemistry, 2008, 22, 494-502.	3.5	16
47	The sterically hindered salicylaldimine ligands with their copper(II) metal complexes: Synthesis, spectroscopy, electrochemical and thin-layer spectroelectrochemical features. Polyhedron, 2008, 27, 1024-1032.	2.2	52
48	Ru(II) with chelating containing N <sub>4</sub> -type donor quadridentate Pd-oxime metal complexes: Syntheses, spectral characterization, thermal and catalytic properties. Journal of Organometallic Chemistry, 2008, 693, 2835-2842.	1.8	36
49	Synthesis, characterization, fluorescence and redox features of new vic-dioxime ligand bearing pyrene and its metal complexes. Chemical Papers, 2008, 62, .	2.2	6
50	Synthesis and spectral studies of macrocyclic Cu(II) complexes by reaction of various diamines, copper(II) perchlorate and 1,4-bis(2-carboxyaldehyde phenoxy)butane. Journal of Coordination Chemistry, 2008, 61, 277-284.	2.2	27
51	The synthesis, spectroscopic and voltametric studies of new metal complexes containing three different vic-dioximes. Journal of Coordination Chemistry, 2007, 60, 1233-1246.	2.2	10
52	Three new vic-dioxime ligands: Synthesis, characterization, spectroscopy, and redox properties of their mononuclear nickel(II) complexes. Heteroatom Chemistry, 2007, 18, 657-663.	0.7	7
53	Synthesis and Characterization of New Macrocyclic Cu(II) Complexes from Various Diamines, Copper(II) Nitrate and 1,4-Bis(2-formylphenoxy)butane. Chinese Journal of Chemistry, 2007, 25, 1547-1550.	4.9	15
54	Synthesis, electrochemical and in situ spectroelectrochemical studies of new transition metal complexes with two new Schiff-bases containing N <sub>2</sub> O <sub>2</sub> /N <sub>2</sub> O <sub>4</sub> donor groups. Polyhedron, 2007, 26, 4009-4018.	2.2	59

#	ARTICLE	IF	CITATIONS
55	Synthesis, spectroscopic and structural studies of new Schiff bases prepared from 3,5-salicylaldehyde and heterocyclic amines: X-ray structure of N-(3,5-di-tert-butylsalicylidene)-1-ethylcarboxylato-4-aminopiperidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 463-468.	3.9	29
56	Synthesis, characterization and redox properties of macrocyclic Schiff base by reaction of 2,6-diaminopyridine and 1,3-bis(2-carboxyaldehyde phenoxy)propane and its CuII, NiII, PbII, CoIII and LaIII complexes. <i>Transition Metal Chemistry</i> , 2007, 32, 344-349.	1.4	43
57	Synthesis and spectral characterization of macrocyclic NiII complexes derived from various diamines, NiII perchlorate and 1,4-bis(2-carboxyaldehydephenoxy)butane. <i>Transition Metal Chemistry</i> , 2007, 32, 1012-1017.	1.4	41
58	Synthesis, spectroscopic and electrochemical studies of copper(II) and cobalt(II) complexes of three unsymmetrical vic-dioximes ligands. <i>Journal of Coordination Chemistry</i> , 2006, 59, 861-872.	2.2	27
59	Synthesis, Spectral Characterization and Electrochemical Properties of New vic-dioxime Complexes Bearing Carboxylate. <i>Transition Metal Chemistry</i> , 2006, 31, 645-652.	1.4	40
60	Synthesis, Spectroscopic and Electrochemical Investigations of Twovic-Dioximes and Their Mononuclear Ni(II), Cu(II) and Co(II) Metal Complexes Containing Morpholine Group. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1599-1604.	4.9	17
61	Synthesis, Characterization and Redox Properties of Three New vic-dioximes and their Nickel(II) Metal Complexes. <i>Transition Metal Chemistry</i> , 2005, 30, 758-764.	1.4	19