

# Bilge Eren

## List of Publications by Year in descending order

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31  
papers

588  
citations

840776

11  
h-index

610901

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of basic dye from aqueous solutions by modified sepiolite: Equilibrium, kinetics and thermodynamics study. <i>Desalination</i> , 2010, 252, 88-96.	8.2	148
2	Preparation, characterization and performance enhancement of polysulfone ultrafiltration membrane using PBI as hydrophilic modifier. <i>Journal of Membrane Science</i> , 2015, 475, 1-8.	8.2	96
3	Experimental and <i>ab initio</i> computational studies on 4-(1 <i>H</i> -benzo[ <i>d</i> ]imidazol-2-yl)- <i>N,N</i> -dimethylaniline. <i>Molecular Physics</i> , 2010, 108, 13-24.	1.7	72
4	Performance of magnesium oxide-coated bentonite in removal process of copper ions from aqueous solution. <i>Desalination</i> , 2010, 257, 163-169.	8.2	50
5	FT-IR, dispersive Raman, NMR, DFT and antimicrobial activity studies on 2-(Thiophen-2-yl)-1 <i>H</i> -benzo[ <i>d</i> ]imidazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 129-136.	3.9	37
6	Investigation of the azo-hydrazone tautomeric equilibrium in an azo dye involving the naphthalene moiety by UV-vis spectroscopy and quantum chemistry. <i>Journal of Molecular Structure</i> , 2013, 1049, 303-309.	3.6	30
7	Molecular structure and spectroscopic analysis of 1,4-Bis(1-methyl-2-benzimidazolyl)benzene; XRD, FT-IR, dispersive-Raman, NMR and DFT studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 222-231.	3.9	21
8	Performance of layered birnessite-type manganese oxide in the thermal-catalytic degradation of polyamide 6. <i>Applied Catalysis B: Environmental</i> , 2013, 132-133, 370-378.	20.2	20
9	Quantum chemical, IR, NMR, and X-ray diffraction studies on 4-(4-chlorophenyl)-1-methyl-1 <i>H</i> -benzo[ <i>d</i> ]imidazole. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 3112-3124.	2.0	16
10	SIMPLE, MILD, AND HIGHLY EFFICIENT SYNTHESIS OF 2-SUBSTITUTED BENZIMIDAZOLES AND BISBENZIMIDAZOLES. <i>Quimica Nova</i> , 2014, 37, .	0.3	14
11	Eco-friendly and efficient synthesis of benzimidazole derivatives using iron oxide modified sepiolite catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 107, 333-344.	1.7	11
12	Preparation and properties of negatively charged styrene acrylic latex particles cross-linked with divinylbenzene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1331-1339.	3.6	11
13	Combined experimental and theoretical studies on the chemical and spectroscopic properties of an antimicrobial <i>N</i> -(Phenyl)dimethyldisulfonimide. <i>Journal of Molecular Structure</i> , 2019, 1175, 542-550.	3.6	10
14	Morphology and thermal characterization of montmorillonite/polybenzimidazole nanocomposite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 1525-1531.	3.6	8
15	(1-Methyl-2-(thiophen-2-yl)-1 <i>H</i> -benzo[ <i>d</i> ]imidazole) and its three copper complexes: Synthesis, characterization and fluorescence properties. <i>Journal of Molecular Structure</i> , 2015, 1081, 304-310.	3.6	7
16	Surface Acidity of H-Birnessite: Infrared Spectroscopic Study of Formic Acid Decomposition. <i>Spectroscopy Letters</i> , 2013, 46, 60-66.	1.0	6
17	Synthesis, characterization, and performance of a benzimidazole-based membrane in removal of phosphate: first lab-scale experimental results. <i>Journal of Materials Science</i> , 2013, 48, 7456-7465.	3.7	5
18	Copper doped K-birnessite as an efficient catalyst for the synthesis of 2-aryl benzimidazoles. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 571-582.	1.7	5

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19	Positron annihilation lifetime spectroscopy study of polyvinylpyrrolidone- $\epsilon$ -added polyvinylidene fluoride membranes: Investigation of free volume and permeation relationships. <i>Journal of Polymer Science</i> , 2020, 58, 589-598.	3.8	4
20	Positron Annihilation Lifetime Analysis of Left- and Right-Handed Alanine Single Crystals. <i>Acta Physica Polonica A</i> , 2017, 132, 1456-1461.	0.5	3
21	Microwave Assisted Synthesis and Potent Antimicrobial Activity of Some Novel 1,3-dialkyl-2-arylbenzimidazolium Salts. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 621-633.	0.7	3
22	Removal of copper ions by modified sepiolite samples. <i>Desalination and Water Treatment</i> , 2010, 20, 114-122.	1.0	2
23	The Synthesis and Acid-Catalyzed Hydrolysis of N-(4-Substitutedphenyl)-O-Benzenedisulfonimides. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 689-696.	1.6	2
24	4-Methyl-N-(4-methylphenylsulfonyl)-N-phenylbenzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o238-o239.	0.2	2
25	Performance of birnessite-type manganese oxide in the thermal-catalytic degradation of polyamide 6. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 567-572.	3.6	1
26	Catalysis and reaction mechanisms of N-formylation of amines using Fe(III)-exchanged sepiolite. <i>Chemical Papers</i> , 2014, 68, .	2.2	1
27	Structural, Spectroscopic, Antimicrobial Activity and DFT Studies on 4-Methyl-N-(4-methylphenylsulfonyl)-N-phenylbenzenesulfonamide. <i>Optics and Spectroscopy (English) Tj ETQq1 1 0.734314 1gBT /Ov</i>	0.7	0
28	Flux-enhanced polysulfone membranes blended with ABPBI as a novel additive. <i>Materials Today Communications</i> , 2019, 20, 100594.	1.9	1
29	Polisulfon Membranların Mikroyapı ve Performansına Ezerine Bir Çözene Oluşturucu Olarak Polivinilpirrolidonun Rolü. <i>Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi</i> , 0, 6, 168-176.	0.6	1
30	Benzimidazol halkasının antimikrobiyal aktivitesine etki eden yapısal faktörlerin disk difüzyon ve mikrodifüzyon metodu ile ayrıntılı olarak incelenmesi. <i>Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 1-12.	0.0	0
31	Synthesis, Characterization and Antimicrobial Activity Evaluation of the Polybenzimidazole Derivatives with Different Dicarboxylic Acid Moieties. <i>Letters in Organic Chemistry</i> , 2020, 17, 539-547.	0.5	0