

Ersin Orhan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5010375/publications.pdf>

Version: 2024-02-01

40
papers

438
citations

933447

10
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and photoanode performance of ZnO nanoflowers in ZnO-based dye-sensitized solar cells. <i>Optical Materials</i> , 2022, 131, 112691.	3.6	7
2	Electrical property investigation of the Au/n-Si and Au/PVA+benzimidazole Co complex/n-Si diodes under ultraviolet illumination. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 6323-6330.	2.2	2
3	Effect of the photoanode fabrication condition, electrolyte type and illumination type on dye-sensitized solar cells performance. <i>Bulletin of Materials Science</i> , 2021, 44, 1.	1.7	5
4	Annealing effects of photoanode on dye sensitized solar cell performance. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 724, 102-110.	0.9	2
5	The local and natural sources in synthetic methods: the practical synthesis of aryl oximes from aryl aldehydes under catalyst-free conditions in mineral water. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	1
6	A Novel Benzimidazole-Based Chemosensor for Fluorometric Determination of Zinc Ions. <i>Journal of Fluorescence</i> , 2021, 31, 1833-1842.	2.5	13
7	Synthesis of benzimidazole moiety heteroleptic ruthenium complex and use as sensitizer in dye-sensitized solar cells. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	3
8	High photo-responsivity Au/polyvinyl alcohol (PVA)+di[1-(2-ethoxyethyl)-5-nitrobenzimidazole] copper dichloride/n-Si UV photodiode. <i>Sensors and Actuators A: Physical</i> , 2020, 315, 112335.	4.1	8
9	Synthesis and characterization of novel benzimidazole cobalt and copper complexes and applying in Au/PVA/n-Si diode. <i>Physica B: Condensed Matter</i> , 2020, 589, 412217.	2.7	5
10	Bisbenzimidazol Ba ²⁺ lay ⁺ c ⁺ Å ^o Å ^o Şeren Biyolojik Aktif Aren Rutenyum BileÅ ^o Å ^o Yinin Sentezi ve Termal Bozunmas ⁺ n ⁺ Belirlenmesi. D ¹ 4zce Å ^o eniversitesi Bilim Ve Teknoloji Dergisi, 2019, 7, 1899-1908.	0.7	0
11	Synthesis and Characterization of Some New 4-Methyl-5-Imidazole Carbaldehyde Derivatives. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2019, 6, 373-382.	1.1	0
12	Performance analysis and negative dielectric anisotropy behavior of nematic liquid crystal doped with newly synthesized 1-(p-chlorobenzyl)-5-nitrobenzimidazole cobalt complex. <i>Synthetic Metals</i> , 2018, 240, 8-14.	3.9	13
13	The synthesis of new 3,4-(bisaryl)-1,8-naphthalimide and 2,3-(bisaryl)-7 H -benzimidazo[2,1-a]benzo[d]isoquinolin-7-one compounds and an investigation of their photochromic properties. <i>Turkish Journal of Chemistry</i> , 2018, 42, 1086-1094.	1.2	2
14	Synthesis, photochromic and fluorescence properties of new bithiazole-containing diarylethenes as cation sensors. <i>Journal of Luminescence</i> , 2018, 203, 568-575.	3.1	11
15	Coordination-driven self-assembly of arene ruthenium metalla-rectangles. <i>Inorganica Chimica Acta</i> , 2017, 461, 78-83.	2.4	12
16	Cytotoxicity of arene ruthenium metalla-rectangles incorporating bis-pyridyl diimide linkers. <i>Journal of Organometallic Chemistry</i> , 2016, 815-816, 53-58.	1.8	17
17	Cytotoxic double arene ruthenium metalla-cycles that overcome cisplatin resistance. <i>Journal of Organometallic Chemistry</i> , 2016, 803, 39-44.	1.8	18
18	Synthesis and photochromic properties of 4,5-bisaryl-3(2H)-pyridazinones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 314, 164-170.	3.9	7

#	ARTICLE	IF	CITATIONS
19	Flexible arene ruthenium metalla-prisms. <i>Inorganica Chimica Acta</i> , 2015, 438, 5-9.	2.4	10
20	Tunable Arene Ruthenium Metallaprisms to Transport, Shield, and Release Porphin in Cancer Cells. <i>Organometallics</i> , 2015, 34, 4138-4146.	2.3	52
21	2,5-Dibromo-3,6-dimethoxycyclohexa-2,5-diene-1,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o715-o715.	0.2	0
22	Strategy to Optimize the Biological Activity of Arene Ruthenium Metalla-Assemblies. <i>Organometallics</i> , 2014, 33, 3813-3822.	2.3	36
23	Preparation and photochromic properties of 2,3-bisarylbenz[f]indenones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 257, 50-53.	3.9	14
24	Synthesis of novel photochromic methyl cyanoacetate-condensed fulgide derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 358-363.	3.9	7
25	Bis[1-(but-2-enyl)-5-nitro-1H-benzimidazole- \hat{N} 3]dichlorocobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1663-m1665.	0.2	7
26	Studies on photochromic benzimidazol[1,2a]pyrrolidin-2-ones from the condensation of 2-methyl-3-benzothienylethylidene-(isopropylidene)succinic anhydride with 1,2-diaminobenzenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 177, 170-176.	3.9	13
27	Dichlorobis[1-(2-ethoxyethyl)-1H-benzimidazole- \hat{N} 3]nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m41-m43.	0.2	9
28	6-Nitro-1-(2-phenylethyl)-1H-benzimidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2038-o2039.	0.2	8
29	1-Benzyl-3-(2-phenethyl)benzimidazolium bromide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2452-o2454.	0.2	9
30	1-Methoxyethyl-5-nitrobenzimidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2804-o2805.	0.2	8
31	1,3-Bis(2-phenylethyl)benzimidazolium-2-dithiocarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o219-o221.	0.2	12
32	Mercapto-N-phenylformimidoyl-1-methyl-3-(2-phenylethyl)benzimidazolium inner salt. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o936-o938.	0.2	3
33	1-Ethyl-3-(2-phenylethyl)benzimidazole-2-selone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1263-o1265.	0.2	10
34	1-Ethyl-4-phenylethyl-1,4-dihydroquinoxaline-2,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1266-o1268.	0.2	5
35	Dichlorobis[1-(2-ethoxyethyl)-1H-benzimidazole- \hat{N} 3]cobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m1220-m1222.	0.2	5
36	Synthesis, antibacterial and antifungal activities of electron-rich olefins derived benzimidazole compounds. <i>Il Farmaco</i> , 2003, 58, 431-437.	0.9	99

#	ARTICLE	IF	CITATIONS
37	Synthesis, Antibacterial and Antifungal Activities of Electron-Rich Olefins Derived Benzimidazole Compounds.. ChemInform, 2003, 34, no.	0.0	0
38	Synthesis, antimicrobial and antiproliferative activities of new self-assembly benzimidazole-bridged aren ruthenium rectangles in human breast cancer cells. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 0, , 1.	1.6	4
39	Investigation of Photochromic Fluorescence Features and Synthesis of Diarylethene Type Naphthalimide Compounds. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 97-106.	1.1	1
40	A catalytic regioselective procedure for the synthesis of aryl oximes in the presence of palladium nanoparticles. Inorganic and Nano-Metal Chemistry, 0, , 1-6.	1.6	0