

# Baybars KÃ¶ksoy

## List of Publications by Year in descending order

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34  
papers

576  
citations

687363

13  
h-index

642732

23  
g-index

34  
all docs

34  
docs citations

34  
times ranked

594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and spectroscopic studies of 5-fluoro-isatin-3-(N-benzylthiosemicarbazone) and its zinc(II) complex. <i>Journal of Molecular Structure</i> , 2009, 917, 63-70.	3.6	146
2	3D SWCNTs-coumarin hybrid material for ultra-sensitive determination of quercetin antioxidant capacity. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 165-173.	7.8	38
3	Highly selective and ultra-sensitive electrochemical sensor behavior of 3D SWCNT-BODIPY hybrid material for eserine detection. <i>Biosensors and Bioelectronics</i> , 2019, 128, 144-150.	10.1	31
4	Sensitive, simple and fast voltammetric determination of pesticides in juice samples by novel BODIPY-phthalocyanine-SWCNT hybrid platform. <i>Food and Chemical Toxicology</i> , 2021, 147, 111886.	3.6	26
5	Novel SWCNT-hybrid nanomaterial functionalized with subphthalocyanine substituted asymmetrical zinc (II) phthalocyanine conjugate: Design, synthesis, characterization and sensor properties for pesticides. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129198.	7.8	26
6	A Hybrid Nanomaterial Based on Single Walled Carbon Nanotubes Cross-Linked via Axially Substituted Silicon (IV) Phthalocyanine for Chemiresistive Sensors. <i>Molecules</i> , 2020, 25, 2073.	3.8	22
7	Synthesis, electrochemistry and In situ spectroelectrochemistry of novel tetra dimethyl 5-oxyisophthalate substituted Co(II), Mn(III), and 1/4-oxo-dimer Fe(III) phthalocyanines. <i>Dyes and Pigments</i> , 2015, 118, 166-175.	3.7	20
8	Mono and Double-Decker Lutetium Phthalocyanines Bearing Iodine Groups: Electrochemical and Electrochromic Properties. <i>Journal of the Electrochemical Society</i> , 2016, 163, H927-H936.	2.9	20
9	Preparation, characterization and photophysical properties of novel tetra 7-(diethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 phthalocyanines. <i>Journal of Organometallic Chemistry</i> , 2016, 822, 125-134.	1.8	17
10	Effect of iodine substitution pattern on the singlet oxygen generation and solvent depended keto-enol tautomerization behavior of BODIPY photosensitizers. <i>Dyes and Pigments</i> , 2017, 140, 384-391.	3.7	16
11	Purple silicon(IV) phthalocyanine axially substituted with BODIPY groups. <i>Dyes and Pigments</i> , 2020, 172, 107867.	3.7	16
12	Tetra- and octa-[4-(2-hydroxyethyl)phenoxy bearing novel metal-free and zinc(II) phthalocyanines: Synthesis, characterization and investigation of photophysical properties. <i>Journal of Luminescence</i> , 2015, 161, 95-102.	3.1	15
13	3D, covalent and noncovalent hybrid materials based on 3-phenylcoumarin derivatives and single walled carbon nanotubes as gas sensing layers. <i>Applied Surface Science</i> , 2020, 504, 144276.	6.1	15
14	Coumarin bearing asymmetrical zinc(II) phthalocyanine functionalized SWCNT hybrid nanomaterial: Synthesis, characterization and investigation of bifunctional electrocatalyst behavior for water splitting. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115552.	3.8	15
15	Potential photosensitizer candidates for PDT including 7-oxy-3-thiomethylphenyl coumarino-phthalocyanines. <i>Inorganica Chimica Acta</i> , 2019, 498, 119137.	2.4	14
16	Novel lutetium(III) phthalocyanine-coumarin dyads; synthesis, characterization, photochemical, theoretical and antioxidant properties. <i>Inorganica Chimica Acta</i> , 2021, 517, 120145.	2.4	13
17	Design and in silico study of the novel coumarin derivatives against SARS-CoV-2 main enzymes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-16.	3.5	13
18	Investigation of electrochemical properties and gas adsorption studies of novel sandwich core phthalocyanines. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3907.	1.9	12

#	ARTICLE	IF	CITATIONS
19	Hybrid materials of carbon nanotubes with fluoroalkyl- and alkyl-substituted zinc phthalocyanines. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11021-11028.	2.2	12
20	Novel Hexadeca-Substituted Metal Free and Zinc(II) Phthalocyanines; Design, Synthesis and Photophysical Properties. <i>Molecules</i> , 2019, 24, 77.	3.8	11
21	Synthesis and theoretical study of 5-methoxyisatin-3-(N-cyclohexyl)thiosemicarbazone and its Ni(II) and Zn(II) complexes. <i>Journal of Molecular Structure</i> , 2009, 938, 89-96.	3.6	9
22	The synthesis and investigation of photochemical, photophysical and biological properties of new lutetium, indium, and zinc phthalocyanines substituted with PEGME-2000 blocks. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 191-210.	2.6	9
23	Acid Dissociation Constants of Some Novel Isatin Thiosemicarbazone Derivatives. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 2714-2718.	1.9	8
24	4-Carboxymethyl-8-methyl-7-oxycoumarin substituted zinc, cobalt and indium phthalocyanines: electrochemical and photochemical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 1046-1054.	0.8	8
25	Comparative Electrochemistry and Electrochromic Application of Novel Binuclear Double-Decker Rare Earth Metal Phthalocyanines Bearing 4-(hydroxyethyl)phenoxy Moieties. <i>Journal of the Electrochemical Society</i> , 2019, 166, H438-H451.	2.9	8
26	Synthesis and theoretical study of bis(fluoroisatinato) mercury(II). <i>Journal of Molecular Structure</i> , 2009, 921, 172-177.	3.6	6
27	Electrical and gas sensing properties of novel cobalt(II), copper(II), manganese(III) phthalocyanines carrying ethyl 7-oxy-4,8-dimethylcoumarin-3-propanoate moieties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 121-136.	0.8	6
28	A novel lutetium(III) acetate phthalocyanine directly substituted with N,N-dimethylaminophenyl groups via C-C bonds and its water-soluble derivative for photodynamic therapy. <i>Tetrahedron Letters</i> , 2017, 58, 685-689.	1.4	5
29	New metallophthalocyanines including benzylphenoxy groups and investigation of their organic-field effect transistor (OFET) features. <i>Dyes and Pigments</i> , 2022, 200, 110125.	3.7	5
30	Zinc(II) and chloroindium(III) phthalocyanines bearing ethyl 7-oxy-6-chloro-4-methylcoumarin-3-propanoate groups: Synthesis, characterization and investigation of their photophysical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 266-278.	0.8	4
31	Synthesis, characterization and photochemical properties of metallo porphyrines substituted with alkyl linked carbazole, benzoazepine and phenothiazine moieties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 599-610.	0.8	4
32	Synthesis and photovoltaic properties of novel ferrocene-substituted metallophthalocyanines. <i>Dalton Transactions</i> , 2022, 51, 570-579.	3.3	3
33	A BODIPY decorated multiple mode reusable paper-based colorimetric and fluorometric pH sensor. <i>Dyes and Pigments</i> , 2022, 205, 110510.	3.7	2
34	Experimental and Quantum Chemical Studies of 5-Fluoroisatin-3-(N-Cyclohexylthiosemicarbazone) and Its Metal Complexes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 1243-1260.	1.6	1