

Samson Khene

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

854
citations

16
h-index

27
g-index

44
ext. papers

917
ext. citations

3.9
avg. IF

4.2
L-index

#	Paper	IF	Citations
44	Photophysical properties of [Tetrakis 6-(tert-butyl)-2,3-dihydrobenzo [b] [1,4] dioxine) phthalocyaninato] In(III) and Zn(II) with very high singlet oxygen quantum yield. <i>Inorganica Chimica Acta</i> , 2021 , 527, 120545	2.7	
43	Electrocatalytic behavior of single walled carbon nanotubes with alkylthio-substituted cobalt binuclear phthalocyanines towards oxidation of 4-chlorophenols 2021 , 1177-1188		
42	Bioelectrocatalysis and surface analysis of gold coated with nickel oxide/hydroxide and glucose oxidase towards detection of glucose. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 190, 110981	6	8
41	Photophysical and nonlinear optical properties of the positional isomers of 4-(4-tertbutylphenoxy) substituted cobalt, nickel and copper phthalocyanines. <i>Optical Materials</i> , 2020 , 109, 110195	3.3	4
40	Optical limiting properties of indium 5,10,15,20-tetrakis(4-aminophenyl) porphyrin covalently linked to semiconductor quantum dots. <i>Inorganica Chimica Acta</i> , 2020 , 511, 119838	2.7	2
39	Nonlinear optical properties of metal free and nickel binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 168, 347-356	4.6	18
38	Photophysical and nonlinear optical characteristics of pyridyl substituted phthalocyanine - Detonation nanodiamond conjugated systems in solution. <i>Diamond and Related Materials</i> , 2019 , 94, 218-232	3.5	12
37	Electrocatalytic behavior of single walled carbon nanotubes with alkylthio-substituted cobalt binuclear phthalocyanines towards oxidation of 4-chlorophenols. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 142-153	1.8	5
36	Spectroscopic and nonlinear optical properties of alkyl thio substituted binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 162, 249-256	4.6	13
35	Photophysics and NLO properties of Ga(III) and In(III) phthalocyaninates bearing diethyleneglycol chains. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 137-148	1.8	3
34	Electroanalytical detection of heavy metals using metallophthalocyanine and silica-coated iron oxide composites. <i>Chemical Papers</i> , 2018 , 72, 3043-3056	1.9	10
33	The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of tetra(4-propargyloxyphenoxy)phthalocyanines. <i>New Journal of Chemistry</i> , 2018 , 42, 9857-9864	3.6	7
32	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. <i>Dyes and Pigments</i> , 2017 , 140, 417-430	4.6	37
31	Exploiting Click Chemistry for the Covalent Immobilization of Tetra (4-Propargyloxyphenoxy) Metallophthalocyanines onto Phenylazide-Grafted Gold Surfaces. <i>Electrochimica Acta</i> , 2017 , 254, 89-100	6.7	12
30	Solvent Effect on the Third-Order Nonlinear Optical Properties of Γ and Γ tertbutyl Phenoxy-Substituted Tin(IV) Chloride Phthalocyanines. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 7165-7175	2.8	12
29	Electrocatalytic behaviour of surface confined pentanethio cobalt (II) binuclear phthalocyanines towards the oxidation of 4-chlorophenol. <i>Applied Surface Science</i> , 2017 , 425, 702-712	6.7	13
28	Tetra (4-propargyloxyphenoxy)phthalocyanines: Facile synthesis, fluorescence and thermal properties. <i>Polyhedron</i> , 2017 , 134, 263-274	2.7	3

27	The Ordered and Disordered Nano-Intermetallic AuCu/C Catalysts for the Oxygen Reduction Reaction: The Differences of the Electrochemical Performance. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F1654-F1661	3.9	9
26	Modification of Electrode Surfaces with Metallo Phthalocyanine Nanomaterial Hybrids 2016 , 225-275		5
25	Spectroscopic and nonlinear optical properties of the four positional isomers of 4E(4-tert-butylphenoxy)phthalocyanine. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10705-10714	7.1	16
24	Synthesis, photophysical and nonlinear optical behavior of neodymium based trisphthalocyanine. <i>Inorganica Chimica Acta</i> , 2015 , 426, 221-226	2.7	10
23	Effects of Redox Mediators on the Catalytic Activity of Iron Porphyrins towards Oxygen Reduction in Acidic Media. <i>ChemElectroChem</i> , 2014 , 1, 1508-1515	4.3	12
22	Enhanced optical limiting performance in phthalocyanine-quantum dot nanocomposites by free-carrier absorption mechanism. <i>Optical Materials</i> , 2014 , 37, 572-582	3.3	36
21	Fluorescence behavior of glutathione capped CdTe@ZnS quantum dots chemically coordinated to zinc octacarboxy phthalocyanines. <i>Journal of Luminescence</i> , 2013 , 136, 255-264	3.8	14
20	High-Loading Cobalt Oxide Coupled with Nitrogen-Doped Graphene for Oxygen Reduction in Anion-Exchange-Membrane Alkaline Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 8697-8707	3.8	221
19	The development of catalytic oxovanadium(IV)-containing microspheres for the oxidation of various organosulfur compounds. <i>Applied Catalysis A: General</i> , 2013 , 462-463, 157-167	5.1	22
18	Fluorescence "switch on" of conjugates of CdTe@ZnS quantum dots with Al, Ni and Zn tetraamino-phthalocyanines by hydrogen peroxide: characterization and applications as luminescent nanosensors. <i>Journal of Fluorescence</i> , 2013 , 23, 963-74	2.4	32
17	Third order nonlinear optical properties of phthalocyanines in the presence nanomaterials and in polymer thin films. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 691-702	1.8	22
16	Photooxidation of 4-chlorophenol sensitized by lutetium tetraphenoxy phthalocyanine anchored on electrospun polystyrene polymer fiber. <i>Polyhedron</i> , 2012 , 33, 74-81	2.7	37
15	CHARACTERIZATION OF QUANTUM DOTS, SINGLE WALLED CARBON NANOTUBES AND NICKEL OCTADECYLPHTHALOCYANINE CONJUGATES. <i>International Journal of Nanoscience</i> , 2012 , 11, 1250022	0.6	1
14	Single walled carbon nanotubes functionalized with nickel phthalocyanines: effects of point of substitution and nature of functionalization on the electro-oxidation of 4-chlorophenol. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012 , 16, 130-139	1.8	9
13	Chiral 1,2-subnaphthalocyanines. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17322-8	16.4	52
12	Redox activity of CdTe quantum dots linked to nickel tetraaminophthalocyanine: Effects of adsorption versus electrodeposition on the catalytic oxidation of chlorophenols. <i>Microchemical Journal</i> , 2011 , 99, 478-485	4.8	19
11	Voltammetry and electrochemical impedance spectroscopy of gold electrodes modified with CdTe quantum dots and their conjugates with nickel tetraamino phthalocyanine. <i>Polyhedron</i> , 2011 , 30, 2162-2170	2.7	18
10	Porphyrin Nanorods Modified Glassy Carbon Electrode for the Electrocatalysis of Dioxygen, Methanol and Hydrazine. <i>Electroanalysis</i> , 2011 , 23, 1699-1708	3	13

9	Electrooxidation of Chlorophenols Catalyzed by Nickel Octadecylphthalocyanine Adsorbed on Single-Walled Carbon Nanotubes. <i>Electroanalysis</i> , 2011 , 23, 1901-1911	3	12
8	The effect of substituents on the photoinduced energy transfer between CdTe quantum dots and mercapto substituted zinc phthalocyanine derivatives. <i>Dalton Transactions</i> , 2010 , 39, 3460-71	4.3	23
7	Surface properties of self-assembled monolayer films of tetra-substituted cobalt, iron and manganese alkylthio phthalocyanine complexes. <i>Electrochimica Acta</i> , 2010 , 55, 7085-7093	6.7	17
6	Interaction between nickel hydroxy phthalocyanine derivatives with p-chlorophenol: Linking electrochemistry experiments with theory. <i>Electrochimica Acta</i> , 2010 , 56, 706-716	6.7	12
5	The effects of point of substitution on the formation of manganese phthalocyanine-based molecular materials: Surface characterization and electrocatalysis. <i>Thin Solid Films</i> , 2010 , 519, 911-918	2.2	7
4	Characterization of nickel tetrahydroxy phthalocyanine complexes and the electrocatalytic oxidation of 4-chlorophenol: Correlation of theory with experiments. <i>Inorganica Chimica Acta</i> , 2009 , 362, 5055-5063	2.7	11
3	Synthesis, electrochemical characterization of tetra- and octa-substituted dodecyl-mercapto tin phthalocyanines in solution and as self-assembled monolayers. <i>Electrochimica Acta</i> , 2008 , 54, 183-191	6.7	22
2	Microwave synthesis and photophysics of new tetrasulfonated tin(II) macrocycles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 109-117	1.8	27
1	Electrochemical and photophysical characterization of non-peripherally-octaalkyl substituted dichlorotin(IV) phthalocyanine and tetrabenzotriazaporphyrin compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 761-770	1.8	16