

Lokesh Koodlur Sannegowda

List of Publications by Year in descending order

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50
papers

1,049
citations

331670

21
h-index

454955

30
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50
all docs

50
docs citations

50
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel polymeric zinc phthalocyanine for electro-oxidation and detection of ammonia. Journal of Applied Electrochemistry, 2022, 52, 325-338.	2.9	5
2	Novel biocompatible amide phthalocyanine for simultaneous electrochemical detection of adenine and guanine. Microchemical Journal, 2022, 175, 107223.	4.5	8
3	An Agro-Waste Based Eco-Friendly Synthesis, Electrochemical Behavior and Anti-Oxidant Properties Evaluation of Pyrano[2,3-b]pyrazole and Pyrazolyl-4-phenol Derivatives. ChemistrySelect, 2022, 7, .	1.5	4
4	Tetraphenolphthalein Cobalt(II) Phthalocyanine Polymer Modified with Multiwalled Carbon Nanotubes as an Efficient Catalyst for the Oxygen Reduction Reaction. ACS Omega, 2022, 7, 14291-14304.	3.5	15
5	Nitrogen-rich palladium tetra amino-hippuric acid phthalocyanine complex and its hybrid composite with multi-walled carbon nanotubes for supercapacitor application. Journal of Energy Storage, 2022, 50, 104696.	8.1	5
6	Nanomolar detection of mercury(II) using electropolymerized phthalocyanine film. Electrochimica Acta, 2021, 367, 137519.	5.2	39
7	Non-precious cobalt phthalocyanine-embedded iron ore electrocatalysts for hydrogen evolution reactions. Sustainable Energy and Fuels, 2021, 5, 1448-1457.	4.9	28
8	Metal nanoparticles for electrochemical sensing applications. , 2021, , 589-629.		5
9	Nanomolar detection of 4-nitrophenol using Schiff-base phthalocyanine. Microchemical Journal, 2021, 164, 105980.	4.5	10
10	Symmetrically Substituted Zn and Al Phthalocyanines and Polymers for Photodynamic Therapy Application. Frontiers in Chemistry, 2021, 9, 647331.	3.6	8
11	Biocompatible polymeric pyrazolopyrimidinium cobalt(II) phthalocyanine: An efficient electroanalytical platform for the detection of L-arginine. Sensors and Actuators A: Physical, 2021, 324, 112690.	4.1	10
12	Zinc phthalocyanine anchored magnetite particles: Efficient platform for sensing of thiocyanate. Journal of Electroanalytical Chemistry, 2021, 895, 115385.	3.8	9
13	Bioinspired Precious-Metal-Free N4 Macrocyclic as an Electrocatalyst for the Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2021, 4, 10826-10834.	5.1	15
14	Novel amide coupled phthalocyanines: Synthesis and structure-property relationship for electrocatalysis and sensing of hydroquinone. Journal of Electroanalytical Chemistry, 2021, 898, 115657.	3.8	6
15	Simultaneous detection of paracetamol and 4-aminophenol at nanomolar levels using biocompatible cysteine-substituted phthalocyanine. New Journal of Chemistry, 2020, 44, 1294-1306.	2.8	27
16	Ni foam-supported azo linkage cobalt phthalocyanine as an efficient electrocatalyst for oxygen evolution reaction. Journal of Power Sources, 2020, 449, 227516.	7.8	52
17	Biologically inspired catalyst for electrochemical reduction of hazardous hexavalent chromium. Dalton Transactions, 2020, 49, 15061-15071.	3.3	33
18	Mannich reaction derived phthalocyanine polymer for electrochemical detection of salicylic acid. Inorganica Chimica Acta, 2020, 512, 119895.	2.4	10

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19	Phthalocyanine sheet polymer based amperometric sensor for the selective detection of 2,4-dichlorophenol. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114292.	3.8	16
20	Nanomolar detection of lead using electrochemical methods based on a novel phthalocyanine. <i>Inorganica Chimica Acta</i> , 2020, 506, 119564.	2.4	26
21	An Electrochemical Valorization Fuel Cell for Simultaneous Electroorganic and Hydrogen Fuel Syntheses. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11284-11292.	3.1	4
22	The metal centre in salen-acridine dyad N ₂ O ₂ ligand-metal complexes modulates DNA binding and photocleavage efficiency. <i>New Journal of Chemistry</i> , 2020, 44, 9888-9895.	2.8	8
23	Regioselective synthesis and biological evaluation of novel dispiropyrrrolidine derivatives via one-pot four-component reaction. <i>Synthetic Communications</i> , 2019, 49, 3453-3464.	2.1	15
24	Self-assembly of reactive difunctional molecules on nickel electrode. <i>Surfaces and Interfaces</i> , 2019, 15, 19-25.	3.0	11
25	Nanomolar detection of 4-aminophenol using amperometric sensor based on a novel phthalocyanine. <i>Electrochimica Acta</i> , 2019, 318, 342-353.	5.2	65
26	A comparative study of carboxylic acid and benzimidazole phthalocyanines and their surface modification for dopamine sensing. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113262.	3.8	21
27	Investigation of novel substituted zinc and aluminium phthalocyanines for photodynamic therapy of epithelial breast cancer. <i>Dyes and Pigments</i> , 2019, 170, 107592.	3.7	25
28	MgSiO ₃ nanoparticle-catalyzed 1,3-dipolar cycloaddition reactions in the synthesis of novel spiroindane-1,3-diones derived from substituted chalcones. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1708-1712.	1.4	3
29	Electropolymerized octabenzimidazole phthalocyanine as an amperometric sensor for hydrazine. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 238-246.	3.8	31
30	Synthesis and electropolymerization of cobalt tetraaminebenzamidephthalocyanine macrocycle for the amperometric sensing of dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2019, 838, 33-40.	3.8	26
31	Synthesis and characterization of novel imine substituted phthalocyanine for sensing of l-cysteine. <i>Journal of Electroanalytical Chemistry</i> , 2019, 834, 130-137.	3.8	24
32	Synthesis of novel azo group substituted polymeric phthalocyanine for amperometric sensing of nitrite. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 417-425.	7.8	51
33	Synthesis and electropolymerization of tetra-[1 ² -(2-benzimidazole)] and tetra-[1 ² -(2-(1-(4- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.7	46
34	Metal Coordination Polymer Framework Governed by Heat of Hydration for Noninvasive Differentiation of Alkali Metal Series. <i>Analytical Chemistry</i> , 2018, 90, 12917-12922.	6.5	3
35	MgSiO ₃ NPs catalyzed intramolecular cycloaddition reaction: A simple and stereoselective synthesis of unprecedented julolidine analogs. <i>Synthetic Communications</i> , 2018, 48, 2485-2495.	2.1	8
36	Zinc Battery Driven by an Electro-Organic Reactor Cathode. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15007-15014.	6.7	2

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37	Solvent dependent dispersion behaviour of macrocycle stabilized cobalt nanoparticles and their applications. <i>New Journal of Chemistry</i> , 2018, 42, 11364-11372.	2.8	19
38	Chemisorbed palladium phthalocyanine for simultaneous determination of biomolecules. <i>Microchemical Journal</i> , 2018, 143, 82-91.	4.5	32
39	Electropolymerized film of cobalt tetrabenzimidazolephthalocyanine for the amperometric detection of H ₂ O ₂ . <i>Journal of Electroanalytical Chemistry</i> , 2018, 826, 96-103.	3.8	13
40	Tuning the Interfacial Chemistry of Redox-Active Polymer for Bifunctional Probing. <i>ChemElectroChem</i> , 2017, 4, 692-700.	3.4	5
41	A Single Chamber Direct Methanol Fuel Cell. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700321.	3.7	9
42	Porphyrin macrocycle-stabilized gold and silver nanoparticles and their application in catalysis of hydrogen peroxide. <i>Dyes and Pigments</i> , 2015, 120, 155-160.	3.7	39
43	Electropolymerization of palladium tetraaminephthalocyanine: Characterization and supercapacitance behavior. <i>Dyes and Pigments</i> , 2015, 112, 192-200.	3.7	29
44	Adsorption and enhanced photocatalytic activity of the {0 0 1} faceted Sm-doped ZnIn ₂ S ₄ microspheres. <i>Journal of Hazardous Materials</i> , 2014, 278, 572-583.	12.4	72
45	Stable nano-sized copper and its oxide particles using cobalt tetraamino phthalocyanine as a stabilizer; application to electrochemical activity. <i>RSC Advances</i> , 2014, 4, 11367-11374.	3.6	33
46	Synthesis and characterization of tetra-substituted palladium phthalocyanine complexes. <i>Dyes and Pigments</i> , 2013, 96, 269-277.	3.7	49
47	One-Step Vs Stepwise Immobilization of 1-D Coordination-Based Rh-Rh Molecular Wires on Gold Surfaces. <i>Langmuir</i> , 2012, 28, 11779-11789.	3.5	12
48	Self Assembled Films of Porphyrins with Amine Groups at Different Positions: Influence of Their Orientation on the Corrosion Inhibition and the Electrocatalytic Activity. <i>Molecules</i> , 2012, 17, 7824-7842.	3.8	23
49	Phthalocyanine macrocycle as stabilizer for gold and silver nanoparticles. <i>Mikrochimica Acta</i> , 2009, 167, 97-102.	5.0	27
50	Iodide recognition by the N,N-bis-succinamide-based dendritic molecule [CH ₂ C(O)NHC(CH ₂ CH ₂ C(O)OtBu) ₃] ₂ . <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 350-356.	7.8	13