

Mangaka C Matoetoe

List of Publications by Year in descending order

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papers

483
citations

759233

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24
docs citations

24
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of copper, lead, cadmium and zinc using differential pulse anodic stripping voltammetry in a flow system. <i>Analytica Chimica Acta</i> , 2000, 411, 201-207.	5.4	91
2	Evolution of ternary In ^{III} /ZnS QDs: Synthesis, characterization and application. <i>Nano Structures Nano Objects</i> , 2017, 12, 46-56.	3.5	75
3	Deceptively simple Pt complexes of N, N-dialkyl-N ² -benzoylthiourea: a ¹ H, ¹³ C and ¹⁹⁵ Pt NMR study of their acid-base chemistry in solution and the molecular structure of cis-bis(N,N)-Tj ETQq1 1 0.784314 rgBT /Overlock210 Tf 50 657 Td (M...	2.0	10
4	Simultaneous determination of traces of iron(II) and iron(III) using differential pulse anodic stripping voltammetry in a flow-through configuration on a glassy carbon electrode. <i>Analytica Chimica Acta</i> , 1998, 376, 325-330.	5.4	36
5	Cytotoxicity, fluorescence tagging and gene-expression study of CuInS/ZnS QDS - meso (hydroxyphenyl) porphyrin conjugate against human monocytic leukemia cells. <i>Scientific Reports</i> , 2020, 10, 4936.	3.3	29
6	Synthesis of meso-tetra-(4-sulfonatophenyl) porphyrin (TPPS ₄) CuInS/ZnS quantum dots conjugate as an improved photosensitizer. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7065-7078.	6.7	21
7	Electrochemical impedance spectroscopy study of Ce(IV) with aminopolycarboxylate ligands for redox flow batteries applications. <i>Journal of Power Sources</i> , 2012, 205, 1-9.	7.8	19
8	Kinetics study of transition metal complexes (Ce ^{IV} -DTPA, Cr ^{VI} -DTPA and V ^{IV} -DTPA) for redox flow battery applications. <i>Electrochimica Acta</i> , 2013, 94, 336-343.	5.2	19
9	Synthesis, structural and fluorescence optimization of ternary Cu ^{II} /In ^{III} /S quantum dots passivated with ZnS. <i>Journal of Luminescence</i> , 2020, 227, 117541.	3.1	19
10	Synthesis of fluorescent CuInS ₂ /ZnS quantum dots-porphyrin conjugates for photodynamic therapy. <i>MRS Communications</i> , 2018, 8, 398-403.	1.8	17
11	Development of a silver functionalised polyaniline electrochemical immunosensor for polychlorinated biphenyls. <i>Analytical Methods</i> , 2016, 8, 7087-7095.	2.7	15
12	¹³ C and ¹⁹⁵ Pt NMR of para-substituted N,N-dialkyl-N ² -benzoylthioureas and their cis-[ML ₂] complexes, M = Pd(II) and Pt(II). <i>Magnetic Resonance in Chemistry</i> , 1991, 29, 1158-1160.	1.9	13
13	Electrochemical Characterization of Silver-Platinum Various Ratio Bimetallic Nanoparticles Modified Electrodes. <i>Journal of Nano Research</i> , 0, 44, 114-125.	0.8	9
14	Application of MWCNT/Ag ⁺ /Pt Nanocomposite Modified GCE for the Detection of Nevirapine in Pharmaceutical Formulation and Biological Samples. <i>Electroanalysis</i> , 2020, 32, 3000-3008.	2.9	9
15	Green synthesis of amino acid functionalized CuInS/ZnS- mTHPP conjugate for biolabeling application. <i>Dyes and Pigments</i> , 2021, 185, 108960.	3.7	9
16	Effect of ZnS coating on the optoelectronic properties of aqueous glutathione capped AgInS quantum dots. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163386.	5.5	9
17	Determination of copper by anodic stripping voltammetry on a glassy carbon electrode using a continuous flow system. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 624-628.	1.5	8
18	A Review of Dye Incorporated Conducting Polymers Application as Sensors and in Solar Cells. <i>Materials Science Forum</i> , 0, 657, 208-230.	0.3	8

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19	Thermal and Spectroscopic Dynamics of Titanium Oxide Functionalized Polyaniline Coated Sawdust. Asian Journal of Chemistry, 2015, 27, 1411-1416.	0.3	7
20	Kinetics and Morphological Analysis of Silver Platinum Bimetallic Nanoparticles. Acta Metallurgica Sinica (English Letters), 2016, 29, 320-325.	2.9	5
21	Kinetics of the Charge/Discharge Characteristics of Redox Flow Battery Electrolytes. Analytical Letters, 2011, 44, 1967-1975.	1.8	4
22	Electrochemistry as a Complementary Technique for Revealing the Influence of Reducing Agent Concentration on AgNPs. ACS Omega, 2022, 7, 4921-4931.	3.5	4
23	Voltammetric Quantitative Analysis of Indigo in Water and Urine Using Glassy Carbon Electrode. Analytical Letters, 2011, 44, 1879-1890.	1.8	2
24	Potential of Silver Nanoparticles Functionalized Polyaniline as an Electrochemical Transducer. Journal of Nano Research, 0, 44, 21-34.	0.8	2