

Mangaka C Matoetoe

List of Publications by Year in descending order

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24
papers

483
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Electrochemistry as a Complementary Technique for Revealing the Influence of Reducing Agent Concentration on AgNPs. <i>ACS Omega</i> , 2022, 7, 4921-4931.	3.5	4
3	Green synthesis of amino acid functionalized CuInS/ZnS- mTHPP conjugate for biolabeling application. <i>Dyes and Pigments</i> , 2021, 185, 108960.	3.7	9
4	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
5	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
6	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
7	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
8	Synthesis of fluorescent CuInS ₂ /ZnS quantum dots ⁺ porphyrin conjugates for photodynamic therapy. <i>MRS Communications</i> , 2018, 8, 398-403.	1.8	17
9	Evolution of ternary In ^{III} VI QDs: Synthesis, characterization and application. <i>Nano Structures Nano Objects</i> , 2017, 12, 46-56.	3.5	75
10	Development of a silver functionalised polyaniline electrochemical immunosensor for polychlorinated biphenyls. <i>Analytical Methods</i> , 2016, 8, 7087-7095.	2.7	15
11	Kinetics and Morphological Analysis of Silver Platinum Bimetallic Nanoparticles. <i>Acta Metallurgica Sinica (English Letters)</i> , 2016, 29, 320-325.	2.9	5
12	Thermal and Spectroscopic Dynamics of Titanium Oxide Functionalized Polyaniline Coated Sawdust. <i>Asian Journal of Chemistry</i> , 2015, 27, 1411-1416.	0.3	7
13	Kinetics study of transition metal complexes (Ce ^{IV} DTPA, Cr ^{VI} DTPA and V ^V DTPA) for redox flow battery applications. <i>Electrochimica Acta</i> , 2013, 94, 336-343.	5.2	19
14	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
15	Voltammetric Quantitative Analysis of Indigo in Water and Urine Using Glassy Carbon Electrode. <i>Analytical Letters</i> , 2011, 44, 1879-1890.	1.8	2
16	Kinetics of the Charge/Discharge Characteristics of Redox Flow Battery Electrolytes. <i>Analytical Letters</i> , 2011, 44, 1967-1975.	1.8	4
17	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
18	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

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19	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
20	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-dialkyl-N ² -benzoylthiourea)Pt(II) complexes. <i>Inorganic Chemistry</i> , 2007, 46, 10269-10277.	0.6	13
21	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
22	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
23	Electrochemical Characterization of Silver-Platinum Various Ratio Bimetallic Nanoparticles Modified Electrodes. <i>Journal of Nano Research</i> , 0, 44, 114-125.	0.8	9
24	Potential of Silver Nanoparticles Functionalized Polyaniline as an Electrochemical Transducer. <i>Journal of Nano Research</i> , 0, 44, 21-34.	0.8	2