

Johannes A M Awudza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In Situ Synthesis of PbS Nanocrystals in Polymer Thin Films from Lead(II) Xanthate and Dithiocarbamate Complexes: Evidence for Size and Morphology Control. <i>Chemistry of Materials</i> , 2015, 27, 2127-2136.	6.7	84
2	Equilibrium, Kinetic and Thermodynamic Study of Removal of Eosin Yellow from Aqueous Solution Using Teak Leaf Litter Powder. <i>Scientific Reports</i> , 2017, 7, 12198.	3.3	67
3	Single source molecular precursor routes to lead chalcogenides. <i>Dalton Transactions</i> , 2012, 41, 10497.	3.3	60
4	The "comonomer effect" in ethylene/1-octene copolymerization using homogeneous and silica-supported Cp ₂ ZrCl ₂ /MAO catalyst systems: Some insights from the kinetics of polymerization, active center studies, and polymerization temperature. <i>Journal of Polymer Science Part A</i> , 2008, 46, 267-277.	2.3	54
5	The effect of alkyl chain length on the structure of lead(II) xanthates and their decomposition to PbS in melt reactions. <i>Dalton Transactions</i> , 2016, 45, 16345-16353.	3.3	45
6	Removal of malachite green from aqueous solution using pulverized teak leaf litter: equilibrium, kinetic and thermodynamic studies. <i>Chemistry Central Journal</i> , 2018, 12, 81.	2.6	34
7	Facile synthesis of a PbS _{1-x} Se _x (0 ≤ x ≤ 1) solid solution using bis(N,N-diethyl-N ² -naphthoylchalcogenoureato)lead(II) complexes. <i>New Journal of Chemistry</i> , 2018, 42, 16602-16607.	2.8	27
8	Heavy metal pollution and the role of inorganic nanomaterials in environmental remediation. <i>Royal Society Open Science</i> , 2021, 8, 201485.	2.4	22
9	PbS x Se ^x thin films from the thermal decomposition of lead(II) dodecylxanthate and bis(N,N-diethyl-N ² -naphthoylselenoureato)lead(II) precursors. <i>Journal of Materials Science</i> , 2018, 53, 4283-4293.	3.7	15
10	Determination of Physical Properties and Crystallization Kinetics of Oil From <i>Allanblackia</i> Seeds and Shea Nuts Under Different Thermal Conditions. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700156.	1.5	7
11	Hot-Injection Synthesis of PbE (E= S, Se) Nanoparticles from Dichalcogenoimidophosphinato Lead (II) Complexes. <i>ChemistrySelect</i> , 2019, 4, 13908-13911.	1.5	5
12	Synthesis of a Novel Single-Source Precursor for the Production of Lead Chalcogenide Thin Films. <i>Journal of Chemistry</i> , 2020, 2020, 1-7.	1.9	5
13	A Facile Green Synthesis of Ultranarrow PbS Nanorods. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 2274-2281.	3.7	3
14	Ricinoleic Acid as a Green Alternative to Oleic Acid in the Synthesis of Doped Nanocrystals. <i>ChemistrySelect</i> , 2018, 3, 13548-13552.	1.5	2
15	Aerosol-Assisted Chemical Vapour Deposition of Lead Chalcogenide Thin Films from [Pb((SePiPr ₂) ₂ N)(S ₂ CNHexMe)]. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-7.	1.8	1