

# Kudzanai Nyamayaro

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

269  
citations

1040056

9  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic activities of ultra-small $\text{Fe}^{2+}$ -FeOOH nanorods in ozonation of 4-chlorophenol. <i>Journal of Environmental Sciences</i> , 2015, 35, 83-90.	6.1	56
2	Photocatalytic activities of ultra-small $\text{Fe}^{2+}$ -FeOOH and TiO <sub>2</sub> heterojunction structure under simulated solar irradiation. <i>Materials Research Bulletin</i> , 2015, 68, 133-141.	5.2	39
3	Toward Biodegradable Electronics: Ionic Diodes Based on a Cellulose Nanocrystal-agarose Hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52182-52191.	8.0	28
4	Indium-Catalyzed Block Copolymerization of Lactide and Methyl Methacrylate by Sequential Addition. <i>ACS Catalysis</i> , 2020, 10, 6488-6496.	11.2	21
5	A novel $\text{Fe}^{2+}$ -FeOOH/NiO composite material as a potential catalyst for catalytic ozonation degradation of 4-chlorophenol. <i>RSC Advances</i> , 2015, 5, 59513-59521.	3.6	20
6	Dinucleating Amino-Phenolate Platform for Zinc Catalysts: Impact on Lactide Polymerization. <i>Inorganic Chemistry</i> , 2020, 59, 5546-5557.	4.0	20
7	Cationic indium catalysts for ring opening polymerization: tuning reactivity with hemilabile ligands. <i>Chemical Science</i> , 2020, 11, 6485-6491.	7.4	20
8	The rectification mechanism in polyelectrolyte gel diodes. <i>Physics of Fluids</i> , 2021, 33, .	4.0	15
9	Rheology of sodium and zinc ionomers: Effects of neutralization and valency. <i>Physics of Fluids</i> , 2020, 32, .	4.0	12
10	Indium-Catalyzed CO <sub>2</sub> /Epoxide Copolymerization: Enhancing Reactivity with a Hemilabile Phosphine Donor. <i>Inorganic Chemistry</i> , 2021, 60, 19304-19314.	4.0	9
11	Multicomponent crystals of baclofen with acids and bases—conformational flexibility and synthon versatility. <i>CrystEngComm</i> , 2021, 23, 91-99.	2.6	8
12	Cationic and anionic cellulose nanocrystalline (CNC) hydrogels: A rheological study. <i>Physics of Fluids</i> , 2021, 33, .	4.0	7
13	An Air Stable Cationic Indium Catalyst for Formation of High-Molecular-Weight Cyclic Poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock	11.2	6
14	Comparison of Imine- and Phosphinimine-Supported Indium Complexes: Tuning the Reactivity for the Sequential and Simultaneous Copolymerization of Lactide and $\mu$ -Caprolactone. <i>Inorganic Chemistry</i> , 2022, 61, 3763-3773.	4.0	4
15	Multicomponent crystals of nitrofurazone—when more is less. <i>CrystEngComm</i> , 2019, 21, 1091-1096.	2.6	2
16	Thermally stable zinc hydride catalyst for hydrosilylation of CO <sub>2</sub> to silyl formate at atmospheric pressure. <i>Chemical Communications</i> , 2022, 58, 6192-6195.	4.1	2