# Mohammed Hassan

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 20 papers | 98 citations | 1478280 6 h-index | 1474057 9 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 64 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A superionic conducting phase in Cd-substituted CsAg2I3. Solid State Communications, 2007, 144, 293-295. | 0.9 | 16 |
| 2 | Micellar effect on the kinetics of oxidation of methyl blue by Ce(IV) in sulfuric acid medium. Arabian Journal of Chemistry, 2015, 8, 72-77. | 2.3 | 16 |
| 3 | Quinoline-Based Materials: Spectroscopic Investigations as well as DFT and TD-DFT Calculations. Journal of Chemistry, 2022, 2022, 1-9. | 0.9 | 9 |
| 4 | Ionic Conductivity and Phase Transition Behaviour in 4AgI-(1-)-2CuI System. Research Letters in Physics, 2008, 2008, 1-4. | 0.2 | 8 |
| 5 | A New Kinetic Spectrophotometric Method for Determination of Cefadroxil in Pharmaceutical Formulations Using <i>Lawsonia inermis</i> (Henna) as Natural Reagent. Advances in Biological Chemistry, 2014, 04, 116-128. | 0.2 | 7 |
| 6 | Kinetics of Oxidation of dl-Tartaric Acid by Potassium Permanganate in Aqueuos and Aqueous Micellar Media. Arabian Journal for Science and Engineering, 2012, 37, 1263-1270. | 1.1 | 6 |
| 7 | Micellar and Polymer Catalysis in the Kinetics of Oxidation of L-lysine by Permanganate Ion in Perchloric Acid Medium. South African Journal of Chemistry, 2021, 75, . | 0.3 | 6 |
| 8 | Micellar Catalysis of Chemical Reactions by Mixed Surfactant Systems and Gemini Surfactants. Asian Journal of Chemistry, 2021, 33, 1471-1480. | 0.1 | 5 |
| 9 | Kinetics of oxidation of aspirin by Ce(IV) in surfactant, polymer, and mixed surfactant-polymer media. Colloid and Polymer Science, 2021, 299, 1315-1326. | 1.0 | 5 |
| 10 | Electrical conductivity of Aglâ€“CdI2â€“KI and Aglâ€“Culâ€“KI ionic conducting systems. Arabian Journal of Chemistry, 2011, 4, 45-49. | 2.3 | 4 |
| 11 | Kinetics of oxidation of vanillic acid by colloidal MnO2: correlation of micellar catalysis to the micellar properties of surfactants and mixed surfactants. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 933-952. | 0.8 | 4 |
| 12 | The oxidation of salicylic acid and acetylsalicylic acid by water-soluble colloidal manganese oxide in surfactant and polymer media: a kinetic and mechanistic approach. Reaction Kinetics, Mechanisms and Catalysis, 2021, 134, 37-55. | 0.8 | 4 |
| 13 | Ionic conductivity and phase stabilization in Cu- and Tl-substituted CsAg2I3. Physica B: Condensed Matter, 2008, 403, 2097-2102. | 1.3 | 2 |
| 14 | The effect of mixed sodium dodecyl sulfateâ€“polyethylene glycol systems on kinetic of oxidation of o-Cresol by cerium(IV) in H2SO4 medium. Colloid and Polymer Science, 2022, 300, 177-190. | 1.0 | 2 |
| 15 | The Catalytic Influence of Polymers and Surfactants on the Rate Constants of Reaction of Maltose with Cerium (IV) in Acidic Aqueous Medium. Journal of Chemistry, 2022, 2022, 1-11. | 0.9 | 2 |
| 16 | Microstructural properties and their influence on the ionic conductivity of CsAg2â^'xCuxI3solid system. Radiation Effects and Defects in Solids, 2013, 168, 121-129. | 0.4 | 1 |
| 17 | Relation between nanostructure parameters and ionic conductivity of CsAg2â^'x Tl x I3. Indian Journal of Physics, 2015, 89, 937-941. | 0.9 | 1 |
| 18 | Ionic conduction and effect of immobile cation substitution in binary system (AgI)<sub>4/5</sub>â€“(PbI<sub>2</sub>)<sub>1/5</sub>. Radiation Effects and Defects in Solids, 2008, 163, 885-891. | 0.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Carbon-carbon cross-coupling reactions of organomagnesium reagents with a variety of electrophilic substrates mediated by iron catalysts. Organic Communications, 2021, 14, 1-38. | 0.8 | 0 |
| 20 | Electrochemical Reduction and Oxidation of the Antibiotic Cefoxitinâ€Cu 2+ Complex and its Analytical Applications. ChemistrySelect, 2021, 6, 705-711. | 0.7 | 0 |