

Issa M

List of Publications by Year in descending order

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856
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nanostructured copper oxide-cotton fibers: synthesis, characterization, and applications. <i>International Nano Letters</i> , 2012, 2, 1. | 5.0 | 57 |
| 2 | Stabilization of nano-structured ZnO particles onto the surface of cotton fibers using different surfactants and their antimicrobial activity. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 478-487. | 8.2 | 51 |
| 3 | Synthesis & characterization of silica coated and functionalized silica coated zinc oxide nanomaterials. <i>Powder Technology</i> , 2016, 287, 439-446. | 4.2 | 49 |
| 4 | Synthesis, Characterization and Applications of Immobilized Iminodiacetic Acid-Modified Silica. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 28, 255-265. | 2.4 | 47 |
| 5 | Encapsulation of Phenolphthalein pH-Indicator into a Sol-Gel Matrix. <i>Journal of Dispersion Science and Technology</i> , 2001, 22, 583-590. | 2.4 | 44 |
| 6 | Preparation and antimicrobial activity of ZnO-NPs coated cotton/starch and their functionalized ZnO-Ag/cotton and Zn(II) curcumin/cotton materials. <i>Scientific Reports</i> , 2020, 10, 5410. | 3.3 | 41 |
| 7 | Sol-Gel Thin Films Immobilized with Bromocresol Purple pH-Sensitive Indicator in Presence of Surfactants. , 2012, 2012, 1-11. | | 34 |
| 8 | Optical and fluorescence properties of MgO nanoparticles in micellar solution of hydroxyethyl laurdimonium chloride. <i>Chemical Physics Letters</i> , 2015, 636, 26-30. | 2.6 | 34 |
| 9 | Preconcentration and Separation of Copper(II) by 3-Aminopropylpolysiloxane Immobilized Ligand System. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 34, 165-172. | 2.4 | 24 |
| 10 | Sol-gel encapsulation of bromothymol blue pH indicator in presence of Gemini 12-2-12 surfactant. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 71, 16-23. | 2.4 | 24 |
| 11 | UPTAKE OF DIVALENT METAL IONS (CU ²⁺ , NI ²⁺ , AND CO ²⁺) BY POLYSILOXANE IMMOBILIZED TRIAMINE-THIOL AND THIOL-ACETATE LIGAND SYSTEM. <i>Analytical Letters</i> , 2001, 34, 2189-2202. | 1.8 | 23 |
| 12 | Preparation of ethylenediaminetriacetic acid silica-gel immobilised ligand system and its application for trace metal analysis in aqueous samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 1057-1069. | 3.3 | 23 |
| 13 | Nano-structured zinc oxide-cotton fibers: synthesis, characterization and applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3970-3975. | 2.2 | 23 |
| 14 | UPTAKE OF DIVALENT METAL IONS (Cu ²⁺ , Zn ²⁺ , AND Cd ²⁺) BY POLYSILOXANE IMMOBILIZED DIAMINE LIGAND SYSTEM. <i>Analytical Letters</i> , 2001, 34, 247-266. | 1.8 | 15 |
| 15 | Uptake of Divalent Metal Ions (Cu ²⁺ , Zn ²⁺ and Cd ²⁺) by Polysiloxane Immobilized Glycinate Ligand System. <i>Analytical Letters</i> , 2000, 33, 3373-3395. | 1.8 | 14 |
| 16 | Synthesis and Structural Characterization of a New Macrocyclic Polysiloxane-immobilized Ligand System. <i>Monatshefte für Chemie</i> , 2006, 137, 263-275. | 1.8 | 14 |
| 17 | Synthesis and characterization of silica-, meso-silica- and their functionalized silica-coated copper oxide nanomaterials. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 573-583. | 2.4 | 14 |
| 18 | CuO-NPs, CuO-Ag nanocomposite and Cu(II)-curcumin complex coated cotton/starched cotton antimicrobial materials. <i>Materials Chemistry and Physics</i> , 2022, 285, 126099. | 4.0 | 14 |

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|----|--|------|-----------|
| 19 | Synthesis, characterization and applications of polysiloxane networks with immobilized pyrogallol ligands. <i>Applied Organometallic Chemistry</i> , 2005, 19, 759-767. | 3.5 | 13 |
| 20 | Synthesis of New Polysiloxane-Immobilized Ligand System Di(amidomethyl)aminetetraacetic Acid. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1657-1671. | 1.6 | 12 |
| 21 | Silica, Mesoporous Silica and Its Thiol Functionalized Silica Coated MgO and Mg(OH) ₂ Materials. <i>Chemistry Africa</i> , 2019, 2, 267-276. | 2.4 | 12 |
| 22 | Polysiloxane-Immobilized Triamine Ligand System, Synthesis and Applications. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 741-753. | 1.6 | 11 |
| 23 | Extraction of Co, Ni, Cu, Zn and Cd ions using 2-aminophenylaminopropylpolysiloxane. <i>Environmental Chemistry Letters</i> , 2010, 8, 311-316. | 16.2 | 10 |
| 24 | Sol-gel entrapment of bromothymol blue (BTB) indicator in the presence of cationic 16E1Q and 16E1QS surfactants. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 628-636. | 2.4 | 10 |
| 25 | Synthesis of CaO@Ag-NPs @CaCO ₃ Nanocomposite via Impregnation of Aqueous Sol Ag-NPs onto Calcined Calcium Oxalate. <i>Chemistry Africa</i> , 2020, 3, 679-686. | 2.4 | 10 |
| 26 | Synthesis and Structural Characterization of G-SBA-IDA, G-SBA-EDTA and G-SBA-DTPA Modified Mesoporous SBA-15 Silica and Their Application for Removal of Toxic Metal Ions Pollutants. <i>Silicon</i> , 2018, 10, 981-993. | 3.3 | 9 |
| 27 | Uptake of curcumin by supported metal oxides (CaO and MgO) mesoporous silica materials. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 87, 647-656. | 2.4 | 8 |
| 28 | Synthesis, characterization, and metal uptake of multiple functionalized immobilized-polysiloxane diamine-thiol chelating ligand derivatives. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2325-2338. | 2.2 | 8 |
| 29 | Extraction of metal ions (Fe ³⁺ , Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺) using immobilized-polysiloxane iminobis(n-2-aminophenylacetamide) ligand system. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 41, 3-10. | 2.4 | 7 |
| 30 | Novel pH-responsive swing gate system for adsorption and controlled release of BTB and MG dyes using amine functionalized mesoporous SBA-15 silica. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 386-395. | 2.4 | 7 |
| 31 | SYNTHESIS AND SOLID-STATE NMR STRUCTURAL CHARACTERIZATION OF POLYSILOXANE-IMMOBILIZED THIOL-AMINE METAL(II) COMPLEXES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 162, 245-258. | 1.6 | 6 |
| 32 | Entrapment of phenol red (PR) pH indicator into sol-gel matrix in presence of some surfactants. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 75, 313-322. | 2.4 | 6 |
| 33 | Synthesis and characterization of immobilized-polysiloxane monoamine-thiol triacetic acid and its diamine and triamine derivatives. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 660-672. | 2.4 | 6 |
| 34 | Template Synthesis of Iminodiacetic Acid Polysiloxane Immobilized Ligand Systems and their Metal Uptake Capacity. <i>Silicon</i> , 2017, 9, 563-575. | 3.3 | 4 |
| 35 | Sol-Gel Encapsulation of Thymol Blue in Presence of Some Surfactants. <i>Chemistry Africa</i> , 2019, 2, 67-76. | 2.4 | 4 |
| 36 | Synthesis of Polysiloxane-Immobilized Monoamine, Diamine, and Triamine Ligand Systems in the Presence of CTAB and Their Applications. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 392-402. | 1.6 | 3 |

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|----|--|-----|-----------|
| 37 | Template Synthesis of Immobilized polysiloxane Diamine-Thiol tetraacetic acid Bi-Ligand system and its application for determination of metal ions. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1646-1657. | 1.6 | 3 |
| 38 | Silver-NPs functionalized hexagonal SBA-15 and lamellar SiO ₂ -L81 mesoporous silica, synthesis and structural characterization. Journal of Sol-Gel Science and Technology, 2020, 93, 175-184. | 2.4 | 3 |
| 39 | Waste eggshell-derived CaO-Ag composite and Ca(II) Curcumin Complex antimicrobial materials. Journal of Sol-Gel Science and Technology, 2022, 101, 370-379. | 2.4 | 3 |
| 40 | New Strategy for the Synthesis of Diethylenetriaminetetraacetic Acid Functionalized Polysiloxane Ligand Systems. Journal of Dispersion Science and Technology, 2009, 30, 684-690. | 2.4 | 2 |
| 41 | Exploring of Potential Antibacterial Activity of Hypochlorite and Chloroamine Adsorbed Ammonium Functionalized Mesoporous SBA-15 Silica. Chemistry Africa, 2021, 4, 599-605. | 2.4 | 1 |
| 42 | Removal of sulfide from aqueous media by natural and copper modified eggshell biowaste. Journal of the Iranian Chemical Society, 2021, 18, 3477. | 2.2 | 0 |