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Paper Title	Name of Journal	Year	Volume Number Pages
Investigation of host-guest complexation of the ternary model: <i>p</i> -Sulfonatothiacalix[4]arene-fluorescein-M ²⁺	Polyhedron	2020	Vol 177 / 114268-114275
The investigation of cooperative binding 3 between <i>p</i> -sulfonatocalix[6]arene and fluorescein with transition 4 metal ions by spectrometrically	J. Chem. Sci	2020	Vol 132 / 1-11
Influence Of Zn Substitution On The Structural And Gas Sensing Properties Of Co ₁ -Xznx ₂ fe ₂ o ₄ Nano-Ferrites	Journal of Emerging Technologies and Innovative Research	2020	Vol 7 / 389-392
Structural And Electrical Properties Of Perovskites La ₁ -Xsr X Mno ₃ (X=0,0.3) Synthesized Via Sol –Gel Citrate Method	Journal of Emerging Technologies and Innovative Research	2020	Vol 7 / 406-413
Morphology dependant electrochemical performance of hydrothermally synthesized NiCo ₂ O ₄ nanomorphs	Materials Science for Energy Technologies	2020	Vol 3 / 389-398
Sol-gel citrate synthesized Zn doped MgFe ₂ O ₄ nanocrystals: A promising supercapacitor electrode material	Materials Science for Energy Technologies	2020	Vol 3 / 446-455
Direct Capture of CO ₂ from Air & Scale-Up it for Sustainable Developments	Journal of Emerging Technologies and Innovative Research	2019	Vol 7 / 358- 363
Preparation and Characterization of Nanocrystalline Magnesium Oxide Using Datura Stramonium Leaves and Its Antibacterial Activity	International Journal of Innovative Studies in Sciences and Engineering Technology (IJISSET)	2019	Vol 5 / 42-45
Sol-Gel Preparation and Characterization of Nanocomposite Sr-Substituted La _{1-x} Sr _x CoO ₃ Perovskite Type Materials	International Journal of Innovative Research in Science, Engineering and Technology	2019	Vol 8 / 9172-9178
Structural And Electrical Properties Of Sr-Substituted Perovskites Nanocrystalline LaCo ₃	Asian Journal of Science and Technology	2019	Vol 10 / 9665-9668
Triethanol amine ethoxylate (TEO-EO) driven controlled synthesis of NiCo ₂ O ₄ Nanostructures, their characterization supercapacitor performance	Advance Science, Engineering and Medicine	2018	Vol 10 / 1-9
Fabrication of spherical nanocrystalline MnCo ₂ O ₄ via sol gel citrate route for supercapacitor application	International Journal Of Current Engineering And Scientific Research (IJCESR)	2018	Vol 5 / 254-261

PEG Assisted Hydrothermal Fabrication of Undoped and Cr Doped NiCo ₂ O ₄ Nanorods and Their Electrochemical Performance for Supercapacitor Application	Advanced Science, Engineering and Medicine	2018	Vol 7 / 1-10
Recent Advancements in the Cobalt Oxides, Manganese Oxides, and Their Composite As an Electrode Material for Supercapacitor: A Review	Front. Mater.	2017	Vol 4 / 1-6
Characterization of Multicomponent Perovskite Oxide La _{0.8} Sr _{0.2} Co _{0.9} Fe _{0.1} O _{3-δ} Nanoparticles for Supercapacitor	International Journal of Advanced Materials Science	2017	Vol 8 / 17-31
Electrochemical Peroxidase Sensor Based On Magnesium Oxide-Chitosan Nanobiocomposite Film	Journal of Biomedical and Pharmaceutical Research	2017	Vol 6 / 9-17
PEG-200 Assisted Sonochemical Synthesis of Cerium (Ce ³⁺) Doped Copper Oxide (CuO) Nano-Composites and Their Photocatalytic Activities	American Journal of Materials Synthesis and Processing	2017	Vol 2 / 97 – 102
Cost effective synthesis of spinel NiCo ₂ O ₄ nanocrystal by sol-gel citrate method and its application for supercapacitor	International Journal of Materials Science	2017	Vol 12 / 371-377
Study Of Immobilization Of Urease On Pva-Nano NiFe ₂ O ₄ Nanocomposite For Biosensor Applications	International Journal of Pharmacy and Pharmaceutical Sciences	2016	Vol 8 / 380-385
Structural And Conduction Mechanism Of Nanocomposites Cobalt Based Spinel Ferrites By Sol Gel Technique	International Journal For Research & Development In Technology	2016	Vol 5 / 122-126
Synthesis Pathways For Biocomposites From Vegetable Oils	International Journal Of Advance Research In Science And Engineering	2016	Vol 5 / Special issue / 533-543
Synthesis Pathways For Bio-Renewable Thermosets Form Vegetable Oils	International Journal Of Scientific & Engineering Research	2016	Vol 7 / 984-989
Synthesis And Electrochemical Study Of Manganese Ferrite (MnFe ₂ O ₄) Nanoparticles	International Journal Of Current Research	2016	Vol 8 / 35988-35991
Synthesis And The Study Of Tensile Properties Of Polyaniline Polyester (Unsaturated) Composites Using Activated Charcoal As Filler.	International Journal Of Pure And Applied Research In Engineering And Technology	2016	Vol 5 / 645-655
Inclusion complex formation of ternary system: Fluorescein-p-sulfonatocalix[4]arene-Cu ²⁺ by cooperative binding	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2015	Vol 148 / 382-388

Synthesis Of New Mn/Ti Containing Pervoskites And Examination Of Their Potentials For Use As Solid Oxide Fuel Cell Electrodes	International Journal of Pharma and Bio Sciences	2015	Vol 6 / 324-329
Synthesis and Studies on Nanocomposites of polypyrrole Al doped zinc oxide Nanoparticles	International Journal of Scientific and Research Publications	2015	Vol 5 / 1-5
Application of Conductive Polymer Composites/ Blend for De-Mineralization of Industrial Waste and Recovery of Toxic Materials	International Journal of Engineering Technology Science and Research	2015	Vol 2 / 41-45
Synthesis, Characterization and Effect of Conductive Filler on Mechanical properties of thermosetting resin	International Journal of Advanced and Innovative Research	2015	Vol 5 / 142-146
Sol-Gel prepared of nanocrystalline and nanocomposites of BaNiO ₃ : synthesis and AC impedance spectroscopy study	International Journal For Research & Development In Technology	2015	Vol 4 / 7-11