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List of Publications in the last 5 years

Synchronous detection of cadmium and lead in honey, cocos nucifera and egg white samples using multiwalled carbon nanotube/hyaluronic acid/amino acids nanocomposites T Priya, N Dhanalakshmi, S Thennarasu, S Pulikkutty, V Karthikeyan, ... Food Chemistry 317, 126430	1	2020
Binary Mixture of Lanthanide Metal Doped ZnO Nanorod: f-MWCNT Nanocomposite for Simultaneous and Selective Determination of Vitamins B2 and B6 VKNT N. Dhanalakshmi, T. Priya Journal of Nanoscience and Nanotechnology 20 (4), 2154-2164	1	2020
Synthesis and electrochemical properties of environmental free l-glutathione grafted graphene oxide/ZnO nanocomposite for highly selective piroxicam sensing N Dhanalakshmi, T Priya, S Thennarasu, S Sivanesan, N Thinakaran Journal of Pharmaceutical Analysis	1	2020
Ultra sensitive electrochemical detection of Cd2+ and Pb2+ using penetrable nature of graphene/gold nanoparticles/modified L-cysteine nanocomposite T Priya, N Dhanalakshmi, S Thennarasu, V Karthikeyan, N Thinakaran Chemical Physics Letters 731, 136621	5	2019
3D cloves bud like Gd doped ZnO strewn rGO hybrid for highly selective determination of l-dopa in the presence of carbidopa and ascorbic acid N Dhanalakshmi, T Priya, V Karthikeyan, N Thinakaran Journal of pharmaceutical and biomedical analysis 174, 182-190	1	2019
Effect of La doping level on structural and sensing properties of LZO/RGO nanohybrid: Highly selective sensing platform for isoprenaline determinations in the presence of … N Dhanalakshmi, T Priya, S Thennarasu, V Karthikeyan, N Thinakaran Journal of Electroanalytical Chemistry 848, 113283	8	2019

Highly selective simultaneous trace determination of Cd2+ and Pb2+ using porous graphene/carboxymethyl cellulose/fondaparinux nanocomposite modified electrode T Priya, N Dhanalakshmi, V Karthikeyan, N Thinakaran Journal of Electroanalytical Chemistry 833, 543-551	12	2019
Highly electroactive Ce-ZnO/rGO nanocomposite: Ultra-sensitive electrochemical sensing platform for carbamazepine determination N Dhanalakshmi, T Priya, N Thinakaran Journal of Electroanalytical Chemistry 826, 150-156	10	2018
Ultra sensitive detection of Cd (II) using reduced graphene oxide/carboxymethyl cellulose/glutathione modified electrode T Priya, N Dhanalakshmi, S Thennarasu, N Thinakaran Carbohydrate polymers 197, 366-374	15	2018
A novel voltammetric sensor for the simultaneous detection of Cd2+ and Pb2+ using graphene oxide/κ-carrageenan/l-cysteine nanocomposite T Priya, N Dhanalakshmi, S Thennarasu, N Thinakaran Carbohydrate polymers 182, 199-206	46	2018
Ce doped ZnO/f-MWCNT moss ball like nanocomposite: a strategy for high responsive current detection of L-tryptophan D Naganathan, P Thangamani, T Selvam, T Narayanasamy Microchimica Acta 185 (2), 96	13	2018
Electrochemical behavior of Pb (II) on a heparin modified chitosan/graphene nanocomposite film coated glassy carbon electrode and its sensitive detection T Priya, N Dhanalakshmi, N Thinakaran International Journal of Biological Macromolecules 104, 672-680	12	2017
Electrochemical Determination of Cd^{2+} and Pb^{2+} Using NSAID-mefenamic Acid Functionalized Mesoporous Carbon Microspheres Modified Glassy Carbon … N Thinakaran, SE Subramani, T Priya, N Dhanalakshmi, TV Vineesh, ... Electroanalysis 29 (8), 1903-1910	7	2017
Electrochemical detection of Pb (II) ions using glassy carbon electrode surface modified by functionalized mesoporous carbon	2	2017

SE Subramani, TV Vineesh, T Priya, V Kathikeyan, N Thinakaran

Sensor Letters 15 (4), 320-327

Isotherm, kinetic and thermodynamic studies on the adsorption behaviour of textile dyes onto chitosan

SE Subramani, N Thinakaran

92 2017

Process Safety and Environmental Protection 106, 1-10

Application of activated carbon derived from waste Delonix regia seed pods for the adsorption of acid dyes: kinetic and equilibrium studies

SE Subramani, D Kumaresan, N Thinakaran

Desalination and Water Treatment 57 (16), 7322-7333