



Gomathi Priya.P

Professor in
Anna University

Effluent treatment
Electrochemical Environmental technology

	All	Since 2015
Citations	295	251
h-index	9	8
i10-index	8	7

TITLE	CITED BY	YEAR
Acetophenone and thiophene side-arm polyaryleneethynylene conjugated polymers for enrichment of electronic applications G Arun Kumar, A Chandramohan, P Gomathi Priya, M Alagar Polymer International 69 (4), 429-438		2020
Mo2C–MoS2 embedded reduced graphene oxide nanohybrid: Epitaxial synthesis of Mo2C to augment the lithium storage properties of MoS2 S Mathialagan, PG Priya Carbon 158, 756-765		2020
Mo2CeMoS2 embedded reduced graphene oxide nanohybrid: Epitaxial synthesis of Mo2C to augment the lithium storage properties of MoS2 PGP M.Sethu Carbon 158, 756-765		2020
Effect of Artemia on the Reduction of BOD Level of Distillery Effluent–A Short Communication SS Rajasekar, M Sethu, P Lalithambigai, PG Priya Research & Reviews: Journal of Ecology 3 (2), 10-13		2018
Effect of Artemia on the Reduction of Alkali Metals from the Distillery Effluent PG Priya, SS Devi Research & Reviews: Journal of Ecology 3 (1), 15-19		2018
Optimization Study on Cr (VI) Removal by Response Surface Methodology using Artemia franciscana SS Devi, P Lalithambigai, M Sethu, PG Priya Research & Reviews: Journal of Computational Biology 7 (1), 15-21		2018
Adsorption of Reactive Dye Using Entrapped nZVI PG Priya, ME Thenmozhi International Journal of Chemical and Molecular Engineering 12 (6), 268-273		2018
Facile synthesis of metal free non-toxic Boron Carbon Nitride nanosheets with strong photocatalytic behavior for degradation of industrial dyes K Sivaprakash, M Induja, PG Priya Materials Research Bulletin 100, 313-321	14	2018
Synthesis and characterization of zeolite X from coal fly ash: a study on anticancer activity GPP Subhapiya.S Material research express, 5	3	2018
Induction of apoptotic effects of anti-proliferative zeolite X from coal fly ash on cervical cancer (HeLa) cell lines GPP Subhapiya.S Molecular Biology Reports 45, 1077–1087.	3	2018
Zeolite X from coal fly ash inhibits proliferation of human breast cancer cell lines (MCF-7) via induction of S phase arrest and apoptosis GPP Subhapiya.S Molecular Biology Reports 45, 2063–2074	2	2018
Facile green synthesis and antimicrobial performance of Cu2O nanospheres decorated g-C3N4 nano composite GPP Meenakshisundaram Induja, kalimuthu Sivaprakash Materials Research Bulletin 112, 331-335	7 *	2018
Boron carbonnitride sheet/Cu2O composite for an efficient photocatalytic hydrogen evolution Sivaprakash Kalimuthu, Induja meenakshisundaram, Gomathi Priya Ponnaiah	3	2018

TITLE	CITED BY	YEAR
Materials Chemistry and Physics 219 (204-211)		
Surfactant-free bio-synthesised TiO2 nanorods from Turbinaria conoides-a study on photocatalytic and anti-bacterial activity, GPP Subhapriya.S Material research express, 65024 (5)	1	2018
Adsorption of Reactive Dye Using Entrapped Zero Valent Iron nanoparticles T Gomathi priya International Journal of Chemical and molecular engineering 12 (6), 268-272		2018
Functional phenylethynylene side arm poly (arylene ethynylene) conjugated polymers: optical and electrochemical behavior for enrichment of electronic applications GA Kumar, PG Priya, M Alagar New Journal of Chemistry 42 (8), 5767-5773	1	2018
Green synthesis of titanium dioxide (TiO2) nanoparticles by Trigonella foenum-graecum extract and its antimicrobial properties, GPP Subhapriya.S Microbial Pathogenesis 116, 215-220	72	2018
Facile synthesis of metal free non-toxic Boron Carbon Nitride nano sheets with strong photocatalytic behaviour for degradation of industrial dyes, PGP K. Sivaprakash, M. Induja Materials Research Bulletin 100, 313-323		2018
Metal-free heterojunction of graphitic carbon nitride composite with superior and stable visible-light active photocatalysis GPP Induja M sundaram, Sivaprakash KaliMuthu Materials Chemistry and Physics 204 (243-250)	16	2018
Highly active ZnO modified g-C3 N4 nano composite for dye degradation under UV and visible light with enhanced stability and antimicrobial activity GPP Induja M sundaram, Sivaprakash KaliMuthu Composites communications 5 (64-71)	22	2017
Study on the effect of Artemia Franciscana on the uptake of Zn (II) and Cu (II) MSPGP S.Sujatha Devi, P.Lailthambigai Journal of water chemistry and Technology, 39 (1), 40-46		2017
Optimization of process parameters for the decolorization of Reactive Blue 235 dye by barium alginate immobilized iron nanoparticles synthesized from aluminum ... Elavarasi Natarajan, Gomathi Priya.P Environmental Nanotechnology, Monitoring & Management. 7, 73-88	15	2017
Synthesis and Characterisation of GO-ZnO nanocomposite material exhibiting photocatalytic degradation of dye waste water. VM Sethu Mathialagan, Gomathi Priya Ponnaiah Journal of scientific and industrial research 76, 44-49	7	2017
Decolorization of reactive red 238 and reactive blue 235dyes by iron oxide nanoparticles synthesized using syzygium cumini leaf extract, GPP Elavarasi Natarajan journal of environmental biology 37 (6), 1479-1487	1	2016
Corrosion Studies using Zeolite Synthesized from Fly Ash. H. Devaki , P. Gomathi Priya Indian journal of science and Technology 9 (20)	3	2016
Synthesis of iron oxide micro and nano particles from aluminium industry waste and its application in the decolorization of reactive blue 235 dye GP Elavarasi Natarajan Current pharmaceutical biotechnology 17, 873-885		2016

TITLE	CITED BY	YEAR
Study on the toxicokinetics of Ni(II) on <i>Artemia franciscana</i> ponnaiah gomathi priya Selvaraj sujathaDevi, Mathialagan sethu ... Desalination and water treatment, 1-7	3	2015
Studies on the effect of <i>Artemia franciscana</i> on the removal of Chromium by Bioaccumulation SS Devi, M Sethu, PG Priya NISCAIR-CSIR, India	1	2015
Decolourization of methyl orange dye from synthetic waste water using biosynthesized iron nanoparticles GPP Elavarasi N International Journal of Pharma and Biosciences 6 (1), 423-430		2015
Extraction of resin from cashew nut sludge an agro industrial wastes, SSPG priya Journal of scientific and industrial search 74, 476-478		2015
Bioassay Studies on <i>Artemia</i> –A Mini Review SS Devi, PG Priya Journal of Energy, Environment & Carbon Credits 4 (2), 14-18		2014
Extraction of resin from agro industrial waste SS GomathiPriya.P Innovare journal of Engineering and technology 2 (1), 1-3		2014
Continuous column study of Cr(VI) adsorption by ion exchange resin, AG priya .P Emerging trends in chemical engineering		2014
Removal and Recovery of Zn (II) from Electroplating Rinse Waters Using Cation-Exchange Resins in a packed Column PG priya Trends in chemical engineering		2014
Bioassay studies on <i>Artemia</i> – A mini review SSDPG Priya Journal of Energy, Environment and carbon credits		2014
Studies on the effect of <i>Artemia franciscana</i> on the removal of Cr (III) by bioaccumulation. L P.Gomathi priya, S.Sujatha Devi, and M.Sethu Pollution research 33 (1), 147-12		2014
Studies on the effect of <i>Artemia Franciscana</i> on the removal of Chromium by bioaccumulation MS P.Gomathi priya, S.Sujatha Devi Journal of Geo-Marine Sciences		2014
Electrosorption of chromium from aqueous solution using modified stainless steel electrode MS P.Gomathi priya Pollution research		2014
Effect of <i>Artemia</i> on the reduction of BOD level of Distillery Effluent – A Short Communication,Research and reviews L P.Gomathi priya, S.Sujatha Devi, and M.Sethu Journal of Ecology		2014
Effect of <i>Artemia franciscana</i> on the removal of nickel by bioaccumulation. MS P.Gomathi priya, S.Sujatha Devi Biocontrol Science 19 (2), 79-84	4	2014
Studies on the effect of <i>Artemia franciscana</i> on the removal of Cr (III) by bioaccumulation. MSPGP S.Sujatha Devi, P.Lailthambigai Pollution research 33 (1), 155-160		2014
Biodegradation Studies on Phenolic Compounds SP Prabhakaran, R Santhosh Kumar, J Jaganath, B Naveena, ... Advanced Materials Research 584, 455-459		2012

TITLE	CITED BY	YEAR
Biogas production through mixed fruit wastes biodegradation TG Narayani, PG Priya NISCAIR-CSIR, India	20	2012
Degradation studies of tannery effluents using electro flotation technique PG priya Journal of Chemical Engineering & Process Technology	7	2011
Removal of Ni(II) using Cation Exchange Resins in packed Bed Column: Prediction of Breakthrough curves VR Ponnaiah Gomathi Priya, Chiya Ahmed Basha Clean,Soil,Air,Water 39 (1), 88-94	7	2011
Removal of Ni (II) From Electroplating Rinse Waters Using Cation-exchange Resins: Batch and Column Studies, ABCRV GomathiPriya P. International journal of environmental engineering 2 (4), 346-351		2010
Recovery of nickel (II) ions from electroplating rinse water using hectorite clay V Ramamurthi, PG Priya, S Saranya, CA Basha Mod. Appl. Sci 3 (9), 37-51	11	2009
Recovery and Reuse of Ni (II) from Rinsewater of Electroplating Industries NBS GomathiPriya P., Ahmed Basha C., Ramamurthi V Journal of Hazardous Materials, 169, 899-909	63	2009
Bioaccumulation of heavy metal ions using artemia franciscana S Sujatha Devi Chennai		
Soxhlet extraction of Spirogyra sp. algae: an alternative fuel, GP Ajay Kumar Konga,S.M.Anna Purna Biofuels, 8 (1), 29-35	9	