

Publications: List from 2012 till May 14, 2018
Department of Chemical Engineering
List of SCI Publications

Sr. No	Authors	Title of Paper	Journal Name	Volume	Year	Starting Page	End Page	Impact Factor	Month
1.	Arya Divyanshu Raj Kumar Gupta	Simulation studies on variable cluster size in FCC riser reactor	Particulate Science And Technology	32	2014	144	150	0.435	
2.	Chitresh Kumar Bhargava Raj Kumar Arya	Design of Binary Polymeric Coatings for Minimizing the Residual Solvent Part I: Experimentation	Drying Technology	33	2014	92	102	1.77	
3.	Dipaloy Datta S. Kumar	Modeling Using Response Surface Methodology and Optimization Using Differential Evolution of Reactive Extraction of Glycolic Acid	Chemical Engineering Communications	202	2014	59	69	0.913	
4.	Dipaloy Datta S. Kumar	Reactive Extraction of Pyridine-2-carboxylic Acid (Picolinic Acid) Using Nontoxic Extractant and Diluent Systems	Journal Of Chemical & Engineering	59	2014	1540	1548	2.045	
5.	Dipaloy Datta H. Uslu	Investigation of Extraction of Phenol from Wastewater Using N,N-Didodecyl-1-dodecanamine (Tridodecylamine) in Benzene	Journal Of Chemical & Engineering	59	2014	3858	3862	2.045	
6.	G. Madhu Haripada Bhunia P.K. Bajpai	Investigation of Physico-Mechanical Properties and Biodegradability of High Density Polyethylene/Poly lactide Blends	Journal Of Polymer Materials	31	2014	381	395	0.253	

7.	G. Madhu Haripada Bhunia P.K. Bajpai V. Choudhary	Mechanical and morphological properties of high density polyethylene and polylactide blends	Journal Of Polymer Engineering	34	2014	813	821	0.5	
8.	G. Madhu Haripada Bhunia P.K. Bajpai	Blends of high density polyethylene and poly (l-lactic acid): Mechanical and thermal properties	Polymer Engineering & Science	54	2014	2155	2160	1.441	
9.	H. Uslu Dipaloy Datta S. Kumar	Reactive Extraction of Oxoethanoic Acid (Glyoxylic Acid) Using Amberlite-LA2 in Different Diluents	Journal Of Chemical & Engineering	59	2014	2623	2629	2.045	
10.	H. Uslu Dipaloy Datta H. S. Bamufleh	Extraction Equilibria of Gibberellic Acid by Tridodecylamine Dissolved in Different Alcohols	Journal Of Chemical & Engineering	59	2014	3882	3887	2.045	
11.	Jai Prakash Kushwaha Shubhjeet Singh	Tannic acid adsorption/desorption study onto/from commercial activated carbon	Desalination And Water Treatment	52	2014	3301	3311	1.272	
12.	K. Jain G. Madhu Haripada Bhunia P.K. Bajpai M.S. Reddy	Kinetics of Biodegradation of Polypropylene/Polylactide Blends	Journal Of Polymer Materials	31	2014	63	76	0.253	
13.	Manpreet Kaur Rajeev Mehta, Surinder Singh	The effect of O ₆ ⁺ and Si ₇ ⁺ ion beam irradiations on poly (lactide-co-glycolide) (50:50) copolymer	Polymer Science Series B	56	2014	657	663	0.633	
14.	Manpreet Kaur Rajeev Mehta Surinder Singh	Silver ion beam irradiation effects on poly(lactide-co-glycolide) (PLGA)/Clay nanocomposites	Applied Physics A: Materials Science And Processing	117	2014	2241	2249	1.694	

15.	P. Singla R. Mehta S.N. Upadhyay	Microwave Assisted In-situ Ring-opening Polymerization of Polylactide/Clay Nanocomposites: Effect of Clay Loading	Applied Clay Science	95	2014	67	73	2.703	
16.	P. Singla R. Mehta D. Berek S.N. Upadhyay	Ring Opening Polymerization of Lactide in a Monomode Microwave using Stannous Octoate and DibutyltinDimethoxide Catalysts	Journal Of Macromolecular Science – Part A Pac	51	2014	350	361	0.74	
17.	Pooja Puri Rajeev Mehta Sunita Rattan	Synthesis and mechanical properties of Polyurethane/Clay nanocomposites	Journal Of Optoelectronics And Advanced Materials	16	2014	1126	1130	0.563	
18.	S. Sengupta V. Amte R. Dongara A.K. Das Haripada Bhunia P.K. Bajpai	Effects of the Adsorbent Preparation Method for CO2 Capture from Flue Gas Using K2CO3/Al2O3 Adsorbents	Energy & Fuels	29	2014	287	297	2.733	
19.	S. Sengupta S.A. Reddy R. Dongara A.K. Das Haripada Bhunia P.K. Bajpai	Improvement in Regeneration Properties and Multicycle Stability for K2CO3/Al2O3 Adsorbents for CO2 Removal from Flue Gas	Energy & Fuels	28	2014	5354	5362	2.733	
20.	S.K. Gangly N. Vohra N. Varun G. Das Haripada Bhunia	Kinetics of Thiophene Hydrodesulphurization: Pore Diffusional Effects	Energy Technology	2	2014	763	766	7.500	
21.	Singh D Raj Kumar Gupta Kumar V	Experimental studies of industrial scale reactive distillation finishing column producing ethyl acetate	Industrial & Engineering Chemistry Research	53	2014	4481	10456	2.235	

22.	Sudhir Kumar Singh	Effect of dimensionality on vapor-liquid phase transition	Aip Conf. Proc.	1591	2014	86	87	0	
23.	Thakur R Barman S Raj Kumar Gupta	Synthesis of xylene over cerium modified large pore zeolite: A kinetic study	Indian Journal Of Chemical Technology	21	2014	379	385	0.769	
24.	Udit Mohan Singhal Rahul Dixit Raj Kumar Arya	Drying of Multilayer Polymeric Coatings Part I: An Experimental Study	Drying Technology	32	2014	1727	1740	1.77	
25.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Process parametric optimization of a divided wall distillation column	Chemical Engineering Communication	201	2014	72	87	0.913	