

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.	Amit Jain P.N.B.V. Chalapathi Rao Poulami Choudhury Rajeev Mehta Susheel K. Mittal	Optimization Studies for hybrid and storage designs for parabolic solar Trough systems with the System Advisor Model	Environmental Progress & Sustainable Energy	32	2012	1247	1254	1.271	
2.	G. Singh HaripadaBhunia P.K. Bajpai V. Choudhary	Thermal degradation and physical aging of linear low-density polyethylene and poly (L-lactic acid) blends	Journal Of Polymer Engineering	32	2012	59	66	0.5	
3.	G. Singh N. Kaur Haripada Bhunia P.K. Bajpai U.K. Mandal	Degradation behaviors of linear low-density polyethylene and poly (L-lactic acid) blends	Journal Of Applied Polymer Science	124	2012	1993	1998	1.64	
4.	P. Singla R.Mehta D. Berek S.N. Upadhyay	Microwave Assisted Synthesis of Poly(Lactic acid) and its Characterization Using Size Exclusion Chromatography	Journal Of Macromolecular Science – Part A Pac	A49	2012	963	970	0.74	
5.	Pramod K. Bajpai	Effects of increased closure water-loop systems in pulp and paper industry	IPPTA: Quarterly Journal Of Indian Pulp And Paper Technical Association	24	2012	91	95	0.109	
6.	R. Singla R. Mehta	Preparation and Characterization of Polylactic Acid-Based Biodegradable Blends Processed Under Microwave Radiation	Polymer-Plastics Technology And Engineering	51	2012	1014	1017	1.481	

7.	Rameshraj D Srivastava VC Kushwaha JP Mall ID	Quinoline adsorption onto granular activated carbon and bagasse fly ash	Chemical Engineering Journal	181 & 182	2012	343	351	4.058	
8.	S.K. Sharma Haripada Bhunia P.K. Bajpai	Photocatalytic decolorization kinetics and adsorption isotherms of a mixture of two anionic azo dyes: Reactive Red 120 and Reactive Black 5	Desalination And Water Treatment	44	2012	261	268	1.272	
9.	S.K. Sharma Haripada Bhunia P.K. Bajpai	Photocatalytic decolorization kinetics and mineralization of reactive black 5 aqueous solution by UV/TiO ₂ nanoparticles	Clean–Soil, Air, Water	40	2012	1290	1296	1.838	
10.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Optimization of structural and operational variables for the energy efficiency of a divided wall distillation column	Computer & Chemical Engineering	40	2012	33	40	2.452	
11.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Divided wall distillation column: rationalization of degree of freedom analysis	Theoretical Foundations Of Chemical Engineering	46	2012	319	328	0.376	