

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.	A. Jain T. Vu R. Mehta S. Mittal	Optimizing the Cost and Performance of Parabolic Trough Solar Plants with Thermal Energy Storage in India	Environmental Progress & Sustainable Energy	32	2013	824	829	1.271	
2.	Bhaskar Mondal Vimal Chandra Srivastava Jai Prakash Kushwaha Rajendra Bhatnagar Seema Singh Indra Deo Mall	Parametric and multiple response optimization for the electrochemical treatment of textile printing dye-bath effluent	Separation And Purification Technology	109	2013	135	143	3.065	
3.	Dipaloy Datta S. Kumar	Equilibrium and Kinetic Studies on Reactive Extraction of Nicotinic Acid with Tri-n-octylamine Dissolved in MIBK	Industrial & Engineering Chemistry Research	52	2013	14680	14686	2.235	
4.	S.K. Sharma Haripada Bhunia P.K. Bajpai	TiO ₂ -assisted photocatlytic degradation of diazo dye reactive red 120: decolorization kinetics and mineralization investigations	Journal Of Advanced Oxidation Technologies	16	2013	306	313	1.106	
5.	Sachin Bansal Vikas K Sangal Jai P. Kushwaha	Electrochemical treatment of RB5 textile wastewater: Optimization, kinetics, and disposal study	Water Environment Research	85	2013	2294	2306	1	
6.	Shilpa Narang Rajeev Mehta S. Nath Upadhyay	Polyethylene Glycol and Montmorillonite Clay Anchored Schiff Base Ligand-Metal Complexes	Industrial & Engineering Chemistry Research	52	2013	3967	3973	2.235	

7.	Sudhir Kumar Singh Jayant K Singh	A comparative study of critical temperature estimation of atomic fluid and chain molecules using fourth-order Binder cumulant and simplified scaling laws	Molecular Simulation	39	2013	154	159	1.119	
8.	V.K. Bulasara R. Uppaluri M.K. Purkait	Surface engineering characteristics of ultrasound assisted hypophosphite electroless plating baths	Surface Engineering	29	2013	489	494	1.51	
9.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Importance of pressure drop in divided wall distillation column	Asia Pacific J. Of Chemical Engineering	8	2013	85	92	0.623	
10.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Optimization of a divided wall column for the separation of C4-C6 normal paraffin mixture using Box-Behnken design	Chemical Industry & Chemical Engineering Quarterly	19	2013	107	119	0.659	
11.	Vikas K Sangal Indra M. Mishra Jai P. Kushwaha	Electrocoagulation of Soluble Oil Wastewater: Parametric and Kinetic Study	Separation Science & Technology	48	2013	1062	1072	1.223	