

**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.	Jasminder Singh, Haripada Bhunia, Soumen Basu	Synthesis of Porous Carbon Monolith Adsorbents for Carbon Dioxide capture: Breakthrough adsorption study	Journal of the Taiwan Institute of Chemical Engineers	accepted	xxx	xxx	xxx	4.217	
2.	P. Kaur, J. P. Kushwaha, V. K. Sangal	Parametric study of Electro-Fenton treatment for real textile wastewater, disposal study and its cost analysis	International Journal of Environmental Science and Technology	accepted	2018	xxx	xxx	1.76	03
3.	J. Kaur V. K. Sangal	Optimization of reactive dividing wall distillation column for ethyl t-butyl ether synthesis	Chemical Engineering & Technology, <a href="https://doi.org/10.1002/ceat.201700297">https://doi.org/10.1002/ceat.201700297</a>	accepted	2018	xxx	xxx	2.051	02
4.	Meenakshi Sheoran, Avinash Chandra, H. Bhunia, P.K. Bajpai H.J. Pant	Residence time distribution studies using radiotracers in chemical industry—A review	Chemical Engineering Communications	accepted	2018	DOI: 10.1080/00986445.2017.1410478	xxx	1.297	02
5.	N. Goyal, V.K. Bulasara, S. Barman	Tailoring of nanozeoliteNaX for enhanced removal of phytoestrogen from its aqueous solutions	Separation Science and Technology, In Press, DOI: 10.1080/01496395.2018.1428632	accepted	2018	xxx	xxx	1.106	01
6.	N. Goyal, V.K. Bulasara, S. Barman	Tailoring of nanozeoliteNaX for enhanced removal of phytoestrogen from its aqueous solutions	Separation Science and Technology, In Press, DOI: 10.1080/01496395.2018.1428632	accepted	2018	xxx	xxx	1.106	01

7.	Bikramjit Sharma Rahul Chhibber Rajeev Mehta	Effect of mixing parameters, post-curing and stoichiometry on mechanical properties of fiber reinforced epoxy-clay nanocomposites	Journal of Materials: Design and Applications, DOI: 10.1177/1464420717752023	accepted	2018	xxx	xxx	1.625	01
8.	Poonam Kumari, Jai Prakash Kushwaha, Vikas K. Sangal, Neetu Singh	Dairy wastewater treatment in continuous stirred tank electrochemical reactor (CSTER): parametric optimization and kinetics	Environmental Engineering and Management Journal	accepted	2017	xxx	xxx	1.008	08
9.	Kshitij Tewari Gaurav Singhal Raj Kumar Arya	Adsorption Removal of Malachite Green Dye from Aqueous Solution	Reviews in Chemical Engineering (DOI: 10.1515/revce-2016-0041)	accepted	2017	xxx	xxx	2.427	05
10.	Karanbir Singh Tarun Nanda Rajeev Mehta	Processing of poly-ethylene terephthalate fiber reinforcement to improve compatibility with constituents of GFRP nanocomposites	Materials and Manufacturing Processes (DOI: 10.1080/10426914.2017.1291955)	accepted	2017	xxx	xxx	1.419	03
11.	Deepak Bhandar Rahul Chhibber Navneet Arora Rajeev Mehta	Investigations on weld metal chemistry and mechanical behaviour of bimetallic welds using CaO–CaF <sub>2</sub> –SiO <sub>2</sub> –Ni based electrode coatings	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications (DOI:10.1177/1464420716677316)	accepted	2016	xxx	xxx	0.798	12
12.	Harkirat Sandhu D. Gangacharyulu V.P. Agrawal	Coding, Evaluation, Comparison, Ranking and Optimal Selection of Nanoparticles with Heat Transfer Fluids for Thermal Systems	Particulate Science and Technology (DOI:10.1080/02726351.2016.1208695)	accepted	2016	xxx	xxx	0.79	09
13.	Harkirat Sandhu D Gangacharyulu	An experimental Study on Stability and Some Thermophysical Properties of Multiwalled Carbon Nanotubes with Water-Ethylene Glycol Mixtures	Particulate Science and Technology (DOI:10.1080/02726351.2016.1180335)	accepted	2016	xxx	xxx	0.435	06
14.	Mohit Garg Shruti Sharma Sandeep Sharma Rajeev Mehta	Non-contact damage monitoring technique for FRP laminates using guided waves	Smart Structures And Systems	accepted	2016	xxx	xxx	1.578	

15.	Neetu Singh Jai Prakash Kushwaha	Performance of Different Inert Gases in Production of Fuel Grade Ethanol by Diffusion Distillation	Theoretical foundations of chemical engineering	accepted	2016	1	5	0.547	
16.	Vikas K Sangal Vineet Kumar Indra M. Mishra	Effects of Thermal Feed Quality on the Performance of a Divided Wall Distillation Column	Theoretical Foundations of Chemical Engineering	accepted	2016	xxx	xxx	0.547	