

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.	Shivani Agnihotri, Parminder Kaur, Vikas Kumar Sangal, Alok Garg, Anoop Verma	Parametric Study for the Treatment of Simulated Cetirizine Wastewater Using Electrochemical Methods: Optimization and Cost Analysis	Journal of The Electrochemical Society,	Accepted	2018	xxx	xxx	xxx	08
2.	Steffi Talwar, Vikas Kumar Sangal, Anoop Verma, Parminder Kaur, Alok Garg	Modeling, Optimization and Kinetic Study for Photocatalytic Treatment of Ornidazole Using Slurry and Fixed-Bed Approach	Arabian Journal for Science and Engineering https://doi.org/10.1007/s13369-018-3388-7	Accepted	2018	xxx	xxx	1.092	06
3.	Daisy Sharma, Jyoti Sharma, Raj Kumar Arya, Sanjeev Ahuja, Shekhar Agnihotri	Surfactant enhanced drying of water based poly(vinylalcohol) Coatings	Progress in Organic Coatings	Accepted	2018	xxx	xxx	2.858	
4.	Harleen Kaur, Jyoti Sharma, Divyansh Jindal, Raj Kumar Arya, Sanjeev Ahuja, Shashi Bhushan Arya	Crosslinked polymer doped binary coatings for corrosion protection	Progress in Organic Coatings	Accepted	2018	xxx	xxx	2.858	
5.	Jasminder Singh, Haripada Bhunja, 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	
6.	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

7.	J. Kaur V. K. Sangal	Optimization of reactive dividing wall distillation column for ethyl t-butyl ether synthesis	Chemical Engineering & Technology, https://doi.org/10.1002/ceat.201700297	accepted	2018	xxx	xxx	2.051	02
8.	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
9.	N. Goyal, V.K. Bulasara, S. Barman	Tailoring of nanozeoliteNaX for enhanced removal of a phytoestrogen from its aqueous solutions	Separation Science and Technology, In Press, DOI: 10.1080/01496395.2018.1428632	accepted	2018	xxx	xxx	1.106	01
10.	N. Goyal, V.K. Bulasara, S. Barman	Tailoring of nanozeoliteNaX for enhanced removal of a phytoestrogen from its aqueous solutions	Separation Science and Technology, In Press, DOI: 10.1080/01496395.2018.1428632	accepted	2018	xxx	xxx	1.106	01
11.	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
12.	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
13.	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
14.	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

15.	Deepak Bhandar Rahul Chhibber Navneet Arora Rajeev Mehta	Investigations on weld metal chemistry and mechanical behaviour of bimetallic welds using CaO–CaF ₂ –SiO ₂ –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
16.	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
17.	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
18.	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	
19.	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	
20.	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	