

Papers Published: 2018

SCI/Scopus: 25; Non-scopus: 3

Sl. No.	Name of the Authors	Title of the paper	Name of the Journal	Volume No.	Page No.	Year of Publication	ISSN NO.	Scopus/SCI
1	Praveen Ghodke & Ramesh Naidu Mandapati	Investigation of particle level kinetic modeling for babul wood pyrolysis	Fuel	236	1008-1017	2019	0016-2361	SCI
2	Aravinthan Gopanna, Ramesh N. Mandapati	Fourier transform infrared spectroscopy (FTIR), Raman spectroscopy and wide-angle X-ray scattering (WAXS) of polypropylene (PP)/cyclic olefin copolymer (COC) blends for qualitative and quantitative analysis	Polymer Bulletin			2018	0170-0839	SCI
3	N. Thirupathi Rao, V. Madhusudhan Rao, Debnath Bhattacharyya and Tai-Hoon Kim	Analyzing the performance of DSR protocol on MANET's network models with various scenarios using ViSim	International Journal of Engineering & Technology	7	3190-3194	2018	2227-524X	Scopus
4	N. V. Suresh Kumar Devaka, V Madhusudhan Rao, Yugandhar Parepalli	DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR SIMULTANEOUS ESTIMATION OF TOLPERISONE	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	5	782-796	2018	2278-4357	Scopus

		HYDROCHLORIDE AND DICLOFENAC SODIUM IN COMBINED TABLET DOSAGE FORM						
5	Bhuvanagiri Nageswara Rao, Endu Sekhar Srinadhu, Vallabhaneni Madhusudhanrao and Nallani Satyanarayana,	Structural and Optical Studies of ZnO Nanostructures Synthesized by Rapid Microwave Assisted Hydrothermal and Solvothermal Methods	Transactions of the Indian Ceramic Society	77	169-174	2018	2165-5456	SCI
6	Ch. Gangu Naidu, R. Nageswara Rao, A.V. Prasada Rao, K. Nagesh Kumar, Raju Padiy, V. Madhusudhan Rao	Supported liquid extraction and LC-MS-MSdetermination of iloperidone and olanzapine in plasma: Application to a pharmacokinetic study	Journal of Chromatographic Science		1-9	2018	0021-9665	SCI
7	P. Ashok Kumar & P. Garimella	Experimental Study of Hydrodynamics Leading to Estimation of Acceleration Length in a Laboratory Riser System using Sand and Limestone	Chemical Engineering Communications			Published online on 25 September 2018	0098-6445	SCI
8	P. Ashok Kumar & P. Garimella	Hydrodynamic and Heat Transfer Studies in Riser System for Waste Heat Recovery using Chalcopyrite	Korean Chemical Engineering Research	56	252-260	2018	2233-9558	Scopus

9	P. Ashok Kumar & P. Garimella	Hydrodynamic and Heat Transfer Studies in Riser System for Waste Heat Recovery using Limestone	Journal of Engineering Science and Technology	13	1793-1804	2018	1823-4690	Scopus
10	P. Ashok Kumar	Casein Composites as Alternative Biodegradable Polymers	Research Journal of Pharmacy and Technology	11	17-22	2018	0974-3618	Scopus
11	P. Ashok kumar	Efficiency of Antiscalants in Industrial Cooling Water Systems	Research Journal of Pharmacy and Technology	Accepted				Scopus
12	E. Rajeswara Reddy, T.C. Venkateswarlu, P. Bangaraiah	Multi level statistical optimization of 1-asparaginase from bacillus subtilis VUVD001	3 Biotech	24	1-8	2018	2190-572X	SCI
13	P.Bangaraiah,B.Sarathbabu	Kinetic and Thermodynamic Studies on Removal of lead using Tamarind fruit shell powder and Algae	Journal of Materials and Environmental Sciences	9	2158-2163	2018	2028-2508	Scopus
14	P.Bangaraiah,B.Sarath babu	Optimization of process parameters in removal of lead from aqueous solution through response surface methodolgy	Chemical Engineering Communications		Accepted			SCI
15	D. John Babu, B. Sumalatha, P. King, Y. Prasanna Kumar	Investigation on biosorption of Cd (II) onto Gelidiella acerosa (brown algae):Optimization (using RSM & ANN) and mechanistic studies	Desalination and Water Treatment	107	195-206	2018	1944-3994	SCI

16	B. Sumalatha, D. John Babu, A. Venkatanarayana, P. Rajasekhar Reddy, P. Divya Sruthi	Experimental Investigation On Biosorption Of Chromium From Aqueous Solution Using Citrus limonium peel: Optimization Of Process Parameters Using Central Composite Design	Research Journal of Pharmacy and Technology			Accepted		Scopus
17	P. Vijetha	Isotherm and Kinetic Studies Of adsorption of heavy metals onto Ecchornia crassipes	Research Journal of Pharmacy and Technology	11	4463-4466 139-144	2018	0974-3618	Scopus
18	P. Vijetha	A three phase unbalanced power flow method for secondary distribution system	Advances in Modelling and Analysis B	61-3	139-144	2018	1240-4543	Scopus unpaid
19	B.V.Dhananjaneyulu	Kinetic and equilibrium studies for the removal of Indigo Carmine dye using mixer of low cost adsorbents'	Research Journal of Pharmacy and Technology	11		Accepted		Scopus
20	Md. Vaseem Chavhan, Arunangshu Mukhopadhyay, Krishna C. Etika	Designing of personnel protective clothing for protection against the CBRN agents: A review	FILTRATION	18	98	2018	1479-0602	Scopus
21	B. Venkatesh, M. Siva Jagadish Kumar, Ch. Govardhan Rao, Md. Vaseem Chavhan	An investigation into comfort properties of polyester fabric by surface modification with polyvinyl alcohol	Textile trends	12	28-34	2018		Scopus

22	Mr. B. Venkatesh, Mr. Govardhana Rao Chilukoti, M. Siva Jagadish Kumar, Md. Vaseem Chavhan, Chetan K L	Effect of micro crystalline cellulose powder on properties and dye ability of polyester and polyester/cotton blended fabrics	COLOURAGE	Vol: LXV, No: 11	29-40	2018	0010 1826	Scopus
23	Govardhana Rao Chilukoti, B. Venkatesh, Y. Bhuvaneswari	Study on color strength of cotton fabrics dyed with tecoma stans flower extract	Textile trends	No. 08	29- 32	2018	0040 5205	Scopus
24	P.Bangaraiah	Biosorption of Manganese using Tamarind fruit Shell Powder as a Biosorbent	Research Journal of Pharmacy and Technology	11	4313-4316	2018	0974-3618	Scopus
25	Gurumurthy B R	Application of kulkote temperature regulating phase change material on merino wool fiber and pashmina wool felt material	IOP Materials Science and Engineering	Accepted				Scopus
Non-scopus								
1	Prathmesh Saple	Shift to cloud-based (SaaS) technology for supply chain in oil & gas industry	International Journal of latest technology in Engineering, Management & Applied Science	VII	73-79	2018	2278-2540	UGC approved

2	B. Sumalatha & B.V. Dhananjaneyulu	Studies on Removal of Arsenic from an Aqueous Solutions onto <i>Peltophorum</i> <i>Pterocarpum Leaves</i> Powder: Equilibrium and Kinetic Studies	International Journal of Management, Technology and Engineering	8	4236- 4245	2018	2249- 7455	UGC approved
3	B. R. Gurumurthy	Application of Scanning Electron Microscopy and Fourier-Transform Infrared Spectroscopy to Study Surface Design and Chemical Group Components of Merino Wool, Paschmina and Angora Fibers	Current trends in Fashion Technology & Textile Engineering	3	1-11	2018		Other indexed