

Research papers published in referred Journals with ISBN/ISSN Numbers:

Annexure- 1

SL No	Title	Journal Name	ISSN/ISBN No	Mont & year of publication, vol no, page nos.	Whether peer reviewed, Impact factor if any	No Of Co author	Whether you are the main author	Remark
1	Effect of Promoters on the Dynamics of Gas-Solid Fluidized Bed—Statistical and ANN Approach.	China Particuology/ Particuology-new name	ISSN: 1674-2001	Elsevier, [Vol 5, 2007, 401-407],	YES, 2.616	3	Yes	
2	Effect of Secondary Fluidizing Medium on Hydrodynamics of Gas-Solid Fluidized Bed - Statistical and ANN Approaches.	Chemical Engineering Journal	ISSN: 1385-894	Elsevier, [Vol 148, Issue 1, 2009, 41-49]	Yes, 6.735	3	Yes	
3	Effect of Promoters and Secondary Fluidizing Medium on Mixing– Statistical and ANN Approaches”,	Asia Pacific Journal of Chemical Engineering,	ISSN: 1932-214	[Vol 3, Issue 5, 2008, 550-559].	Yes, 0.758	3	Yes	
4	Mixing Characteristics of Binary Mixtures Using Promoters and Secondary Fluidizing Medium	Powder Technology	ISSN: 0032-5910	Elsevier ,[Vol 183, 2008, 101-109].	Yes,2.942	2	Yes	
5	Dynamics of Gas-solid Fluidized Bed Using Secondary Fluidizing Medium- Statistical and ANN Approaches	International Journal of Chemical Engineering	ISSN 2250-2459	Serial Publications New Delhi, [Vol 2 (1), 2009, 47-61].	Yes	2	Yes	
6	Response Surface Modelling and Optimization of Single Stage Fluidized Bed and	International Journal of Chemical Engineering	ISSN 2250-2459	Serial Publications New Delhi, Vol	Yes	2	Yes	

	Studies on Quality of Fluidization”, ,			3, No 2, 2010, 119 – 135.				
7	Measurement and Prediction of Effective Thermal Conductivity of Binary Liquid mixture”,	International Journal of Chemical Engineering Research	ISSN 0975-6442	[Vol 2 (2), 2010, 119 – 132]	Yes, 0.89	5	Yes	
8	Removal of AS (III) from Waste Water by using a Novel Adsorbent – Both experimental and Statistical Studies”, ,	International Journal of Engineering & Science Research (IJESR)	ISSN: 2347-3878	[Vol. 2, Issue-2, Article No. 3, Feb 2012, 63-80]	Yes, 3.791	4	NO	
9	Hydrodynamics of Three-phase Fluidization of a Homogeneous Ternary Mixture of Irregular Particles”,	Chemical Engineering Science	ISSN: 0009-2509	Elsevier, Vol. 79, 2012, 210-218.	Yes, 3.306	2	No	
10	Hydrodynamics of liquid-solid semi-fluidized bed with irregular homogeneous ternary mixture”,	Powder Technology,	ISSN: 0032-5910	Elsevier ,Vol 235, 2013, 921-930	Yes, 2.942	2	No	
11	Hydrodynamics of Three phase Fluidization of a homogeneous ternary mixture of regular particles – Experimental & statistical analysis”,	Powder Technology	ISSN: 0032-5910	Elsevier, Vol 237, 2013, 594-601.	Yes, 2.942	2	No	
12	Prediction of bed fluctuation & expansion ratios for homogeneous	The Canadian Journal of	ISSN: 1939-019X	Vol 9999, 2013, 01-07,	Yes, 1.265	3	No	

	ternary mixtures of spherical glass bead particles in a three-phase fluidized bed", ,	Chemical Engineering						
13	Hydrodynamics of gas-solid fluidization of a homogeneous ternary mixture in a conical bed-prediction of bed expansion & fluctuation ratios, ,	Particuology	ISSN: 1674-2001	Elsevier, Vol 11, (2013)681-688	Yes, 2.616	3	No	
14	Prediction of bed pressure drop and top packed bed formation in gas-liquid-solid semi-fluidized bed with irregular homogeneous binary mixtures,	Korean journal of Chemical Engineering	ISSN: 0256-1115	30(6)1326-1334, 2013	YES, 2.476	2	No	
15	Adsorption studies of As (III) from wastewater with a novel adsorbent in a three-phase fluidized bed by using response surface method,	Jr. Environmental Chemical Eng.	ISSN: 2213-3437	Elsevier, Vol 1, Issue 3, 2013, 150-158.	Yes, 1.355	3	No	
16	Effect of temperature and concentration on density, viscosity and ultrasonic velocity of the binary liquid mixture: Pentan-1-ol (1) + Nitrobenzene (2),	Russian Journal of Physical Chemistry A	ISSN 0036-0244	Vol 88, No 7, 1255-1264, 2014	Yes, Impact factor 0.386	3	No	
17	Hydrodynamics Studies of Gas-solid Fluidization in Non Cylindrical Conduits for Spherical & Non-spherical Particles – A Review,	Int. Jr. of Scientific and Research Publications,	ISSN 2250-3153	Vol 4, Issue 3, March 2014 ISSN 2250-3153,	Yes, IF: 0.69	3	No	

18	Treatment of Dairy Industry water for Eco – friendly Disposal,	journal of Sustainable Planet		2014, p 33-47	Yes, 2.801	2	No	
19	Hydrodynamics of liquid-Solid Semi Fluidized Bed with Regular Homogeneous Ternary Mixture”	Journal of Bioprocessing & Biotechniques, an open access Journal.	ISSN: 2155-9821	Vol 4, Issue 2, 2014,	Yes,0.56	2	No	
20	Prediction of Bed pressure drop & Top Packed Bed Height in Three Phase Semi-Fluidized Bed of Irregular Homogeneous Ternary mixtures”	Global Journal of Engg Science & Researches,	ISSN: 2249-3107	Vol 4, November 2 (2014), pp 1-12,	Yes, 0.04	2	No	
21	Prediction of Bed pressure drop & Top Packed Bed Height in Three Phase Semi-Fluidized Bed of regular Homogeneous Ternary mixtures”	Global Journal of Engg Science & Researches	ISSN: 2348-8034	Vol-1 (10), December, 2014,	Yes, 0.04	2	NO	
22	Prediction of pressure drop & hold up for homogeneous ternary mixtures of spherical glass bead particles in a three phase fluidized bed,	Chemical Engineering Communications	ISSN 0098-6445	Taylor & Francis, Vol - 202,765-773, 2015	Yes, 1.052	3	No	
23	Prediction of Fluctuation Ratio in Gas-Solid Fluidized Bed of Irregular Particles Using a Secondary Fluidizing Medium	Journal of Indian Chemical Engineer	0975007 X, 00194506	Taylor & Francis , [49, 2 (2007) 134-142].	Yes, 0.197	2	Yes	

24	Effect of Distributor Area on the Dynamics of Gas – Solid Fluidized Beds - A Statistical Approach” Indian Chemical Engineer,	Journal of Indian Chemical Engineer	0975007 X, 00194506	Taylor & Francis , [49, 1 (2007) 1-10]. IF 0.5	Yes, 0.197	2	Yes	
25	Effect of Baffles on Dynamics of Gas-Solid Fluidized Bed” Journal of the	Institution of Engineers (India)	ISSN - 2250-2157	[Vol 81, March 2001, 32-34].	Yes, IF 0.134	1	Yes	
26	Effect of Column Diameter on Dynamics of Gas-Solid Fluidized Bed—A Statistical Approach”	Indian Journal of Chemical Technology	0971-457X	[Vol 16, January 2009, 17-24],	Yes, 0.348	2	Yes	
27	Thermo-Physical Properties for the Binary System of Propiophenone-Methyl Acetate at 303.15-313.15K	Russian Jr. of Physical Chemistry A	ISSN 0036-0244	Vol.89, No.10, 2015, PP. 1828-1837.	Peer reviewed & IF:0.581 Springer	03	No	
28	Effect of Composition and Temperature on Viscosity, Ultrasound Velocity, and Refractive Index of Propiophenone – Benzyle Acetate Binary Mixtures at 303.15-323.15K	Russian Jr. of Physical Chemistry A	ISSN 0036-0244	Vol.91, No.6, 2017, PP. 1037-1044.	Peer reviewed & IF:0.581 Springer	03	No	
29	Hydrodynamics of three-phase fluidization of homogeneous ternary mixture in a conical conduit-Experimental and statistical analysis.	Chinese Journal of Chemical Engineering.	ISSN: 1004-9541	Vol. 24, 2016, pp.1335-1343	Yes, 1.911	03	No	
30	Prediction of bed pressure drop, fluctuation and expansion ratios for three-phase fluidization of ternary	Cogent Engineering, published by Cogent OA, part of Taylor	ISSN: 2331-1916	2016, 3:1181821	Yes	04	NO	

	mixtures of dolomite in a conical conduit.	& francis group						
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