

SCI Publications (2005-2011)

S.No.	Authors	Title	Source title	Volume	Issue	Page start	Page end
1	Sangwai, J.S., Bhat, S.A., Gupta, S., Saraf, D.N., Gupta, S.K.	Bulk free radical polymerizations of methyl methacrylate under non-isothermal conditions and with intermediate addition of initiator: Experiments and modeling	Polymer	46	25	11451	11462
2	Shukla, U.K., Bora, D.S.	Sedimentation model for the quaternary intramontane Bhimtal-Naukuchiatal Lake deposits, Nainital, India	Journal of Asian Earth Sciences	25	6	837	848
3	Singh, H.	Technology: Lube manufacture: Lubricating oils technology & applications - Part two	Hydrocarbon Asia	15	3	44	46
4	Ziauddin, A., Siddiqui, N.A.	Air Quality Index (AQI) - A tool to determine ambient air quality	Pollution Research	25	4	885	887
5	Bhat, S.A., Saraf, D.N., Gupta, S., Gupta, S.K.	On-line optimizing control of bulk free radical polymerization reactors under temporary loss of temperature regulation: Experimental study on a 1-L batch reactor	Industrial and Engineering Chemistry Research	45	22	7530	7539
6	Bhat, S.A., Saraf, D.N., Gupta, S., Gupta, S.K.	Use of agitator power as a soft sensor for bulk free-radical polymerization of methyl methacrylate in batch reactors	Industrial and Engineering Chemistry Research	45	12	4243	4255
7	Dam, M., Saraf, D.N.	Design of neural networks using genetic algorithm for on-line property estimation of crude fractionator products	Computers and Chemical Engineering	30	4	722	729
8	Ziauddin, A., Bahel, R.S., Siddiqui, N.A.	Noise pollution levels in the city of Dehradun	Ecology, Environment and Conservation	13	4	891	893
9	Ziauddin, A., Siddiqui, N.A.	Ground water quality of a coastal area - A case study	Ecology, Environment and Conservation	13	3	645	648

10	Kumar, A., Gupta, D.K.	Conical whirl instability of hydrodynamic porous journal bearings in laminar lubrication regime	Journal of the Institution of Engineers (India): Mechanical Engineering Division	88	JULY	3	9
11	Kumar, R., Sachdeva, S., Kaushik, S.C.	Dynamic earth-contact building: A sustainable low-energy technology	Building and Environment	42	6	2450	2460
12	Sangwai, J.S., Saraf, D.N., Gupta, S.K.	Dynamic viscoelastic properties of free radical bulk polymerizing systems under near-isothermal and non-isothermal conditions	Rheologica Acta	46	4	455	468
13	Khosla, D.K., Gupta, S.K., Saraf, D.N.	Multi-objective optimization of fuel oil blending using the jumping gene adaptation of genetic algorithm	Fuel Processing Technology	88	1	51	63
14	Siddiqui, N.A., Shukla, R.N., Ziauddin, A.	Environmental impact assessment (EIA) for a water resource project	Ecology, Environment and Conservation	14	4	707	711
15	Stern, J.	Asia-Pacific: Review: Will Asia continue to dominate global LNG supplies?	Petroleum Review	62	742	26	27+32
16	Singh, J.P., Prabakaran, S.	Quantum computing through quaternions	Electronic Journal of Theoretical Physics	5	19	1	8
17	Giri, D.-K., Gupta, P.S.	The amplitude squeezing effects of the electromagnetic field in six-wave interaction model	Modern Physics Letters B	22	3	219	230
18	Kumar, A., Gupta, D.K.	Effect of non-homogeneous permeability on the performance of hybrid porous journal bearings in turbulent regimes	Journal of the Institution of Engineers (India): Mechanical Engineering Division	89	JANUARY	23	29
19	Sharma, V., Dwivedi, P., Seth, P.	The role of e-facilitation (ICTs) in economic development of the rural population	International Journal of Electronic Governance	2	2-Mar	277	287
20	Madan, P., Khanka, S.	Contribution of knowledge management practices in creating sustainable competitive advantage for Business Schools in India	Journal of Information and Knowledge Management	9	4	387	397

21	Prashad, J., Suri, R., Guglani, U., Gupta, S., Gupta, S.	Kanaad-the first propounder of atomic theory	Asian Journal of Chemistry	22	2	1655	1656
22	Rawat, P., Homem, M.G.P., Sugohara, R.T., Sanches, I.P., Iga, I., De Souza, G.L.C., Dos Santos, A.S., Lucchese, R.R., Machado, L.E., Brescansin, L.M., Lee, M.-T.	Cross sections for electron scattering by ethane in the low-and intermediateenergy ranges	Journal of Physics B: Atomic, Molecular and Optical Physics	43	22		
23	De Souza, G.L.C., Lee, M.-T., Sanches, I.P., Rawat, P., Iga, I., Dos Santos, A.S., MacHado, L.E., Sugohara, R.T., Brescansin, L.M., Homem, M.G.P., Lucchese, R.R.	Cross sections for electron scattering by propane in the low- and intermediate-energy ranges	Physical Review A - Atomic, Molecular, and Optical Physics	82	1		
24	Vijay Kumar, K., Suneeta Sundari, G.	Conductivity studies of (PEO +KHCO ₃) solid electrolyte system and its application as an electrochemical cell	Journal of Engineering Science and Technology	5	2	130	139
25	Chopra, S.J.	Chemical engineering education: New directions and opportunities	Indian Chemical Engineer	52	2	157	163
26	Kumar, S., Singh, V., Aggarwal, S., Mandal, U.K., Kotnala, R.K.	Influence of processing methodology on magnetic behavior of multicomponent ferrite nanocrystals	Journal of Physical Chemistry C	114	14	6272	6280
27	Lamba, B.Y., Singh, H., Rawat, M.S.M.	Preparation and characterization of biodiesel-diesel fuels blends and experimental investigations	Erdoel Erdgas Kohle	126	1	30	33
28	Siddiqui, N.A., Ziauddin, A.	Emission of non-condensable gases from a pulp and paper mill - A case study	Journal of Industrial Pollution Control	27	2	93	96
29	Pandey, K.K., Pragya, N., Sahoo, P.K.	Life cycle assessment of small-scale high-input Jatropha biodiesel production in India	Applied Energy	88	12	4831	4839
30	Asthana, R., Ahuja, N.J., Darbari, M.	Model proving of urban traffic control using Neuro Petri Nets and Fuzzy Logic	International Review on Computers and Software	6	6	983	987
31	Siddiqui, N.A., Shukla, R.N., Ziauddin, A.	Impact of cement industry on the ground water quality -A case study	Journal of Industrial Pollution Control	27	2	133	137

32	Sharma, V.K., Najim, M., Varma, G.D.	Effect of carbon co-doping on the magnetic properties of bulk Mn doped ZnO	Journal of Magnetism and Magnetic Materials	323	24	3198	3201
33	Semwal, S., Arora, A.K., Prakash, S., Puri, S.K., Tuli, D.K.	Preparation of novel catalyst composition from natural waste for biodiesel production	Journal of Scientific and Industrial Research	70	12	1054	1060
34	Kumar, S., Srivastava, V.C., Badoni, R.P.	Studies on adsorptive desulfurization by zirconia based adsorbents	Fuel	90	11	3209	3216
35	Semwal, S., Hait, S.K., Arora, A.K., Tuli, D.K.	Transesterification of jatropha oil using heterogeneous nano sized catio 3 catalyst	Journal of Surface Science and Technology	27	3-Apr	173	191
36	Kumar, A., Kuchhal, P., Dass, N., Pathak, P.P.	Anomalous behaviour in sound velocity of water	Physics and Chemistry of Liquids	49	4	453	458
37	Sharma, V.K., Gupta, B.K., Varma, G.D.	Optical and magnetic properties of (Zn,Mn)O nanostructures synthesized by CVD method	Crystal Research and Technology	46	5	523	528
38	Semwal, S., Arora, A.K., Badoni, R.P., Tuli, D.K.	Biodiesel production using heterogeneous catalysts	Bioresource Technology	102	3	2151	2161
39	Lamba, B.Y., Singh, H., Rawat, M.S.M.	Oxidation stability of methyl esters & diesel fuel blends	Erdoel Erdgas Kohle	127	2	91	94
40	Meena, N.K., Maiti, S., Shrivastava, A.	Discrimination between anthropogenic (pollution) and lithogenic magnetic fraction in urban soils (Delhi, India) using environmental magnetism	Journal of Applied Geophysics	73	2	121	129
41	Srivastava, P., Pathak, M.	A note on second order mock theta functions	Mathematical Sciences Research Journal	15	10	300	308