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1.	KalpanaKiran, SudiptaGoswami, ParthaPratim Sharma, AtalaBihari Panda & Indrani Banerjee	Study of Drug Transport Phenomenon of Acrylic IPNs Embedded with Iron Oxide Nanoparticles	Int. J of Polymeric materials	DOI: 10.1080/00914037.2012.734354	2012	0091-4037
2.	Siddhi Gupta, SudiptaGoswami and Arvind Sinha	A combined effect of freeze--thaw cycles and polymer concentration on the structure and mechanical properties of transparent PVA gels*	Biomedical materials	VOI.7, pp:15006-	2012	1748-605X
3	SumanDutta , ProjjwalSarkar, ChiranjibBhattacharjee, Siddhartha Datta	Performance comparison of rotating disk ultrafiltration membrane module, a high shear device with cross-flow module	Int. J. Environment and Waste Management	49 (3), 197-209	2012	1478-9868
4	Papita Das Saha, SumanDutta	Mathematical modelling of biosorption of safranin onto rice husk in a packed bed column using artificial neural network analysis	Desalination and Water Treatment	41 (2012) 308–314	2012	1944-3994
5	SumanDutta	Applications and Development of Nanomaterials and Nanotechnology: Role of Chemical Engineers	Recent Patents on Chemical Engineering	5 (3), 197-205	2012	2211-3347
6	A. Singh, K. Yadav, A.	Sal (Shorea Robusta) Leaves Lignin	Am. J. Polymer Sci..	2(1), (2012), 14-18	2012	2163-1344

	K. Sen	Epoxidation and Its use in Epoxy Based Coatings				
7	A. K. Sen, S. Roy, V. A. Juvekar	On the Importance of Purification of Sodium Polystyrene Sulfonate	ISRN Analytical Chemistry	2012, 5	2012	2090-732X
8	S. K. Ghosh, GulzarWaghoo, K. Rajesh Kumar, Faisal Ansari, KapilYadav, A. K. Sen,	Effect of silane modification of calcite and talc on the epoxy coating formulations	Progress in Organic Coatings	75, (2012),14-19	2012	0300-9440
9	S. Shekhar, M. Mukherjee and A.K.Sen	Synthesis characterization and protein separation efficiency of N-Isopropylacrylamide-co-N-Tertiary butylacryl-amide-co-Acrylamide based hydrogels	Iran. Polym. J.	2012), 21(12), 895-905.	2012	1026-1265
10	S. Shekhar, M. Mukherjee and A.K.Sen	Studies on thermal and swelling properties of Poly (N-Isopropylacrylamide-co-2-Hydroxyethylacrylate) based hydrogels	Adv. Mat. Res.	1(4), (2012), 267-282.	2012	1662-8985
11	Sreejith K. R., A. K. Sen	A new high temperature Lithium para-toluene sulfonate (LIPTSA) salt for rechargeable batteries	Int. J. Polymer Mat	62, (2013), 145-149.	2013	0091-4037
12	S. K. J Rahaman, M. Mukherjee and GautamSarkhel	Effect of Zirconium Phosphate on Structural, Thermal and Electrical Properties of Polyether Sulfone (PES) Membrane	International Journal of Polymeric Materials	61:655–668, 2012	2012	0091-4037
13	ArchanaKumari, A. Choudhury and	Effect of Tetraethylorthosilicate(TEOS) on Structural, Thermal and	Journal of Progress in Rubber, Plastics &	Vol 28 No. 3 , 2012	2012	1478-2413

	GautamSarkhel	Morphological Properties of Cellulose Acetate (CA) Membrane	Recycling Technology			
14	S. saw, Gautamsarkhel, A. Choudhury	Preparation and Characterization of Chemically Modified Jute-Coir Hybrid Fibre Reinforced Epoxy Novolac Composites	Journal of Applied Polymer Science	Volume 125, Issue 4, 2012, Pages: 3038–3049.	2012	1097-4628
15	ArchanaKumari, A. Choudhury and GautamSarkhel	Preparation and Characterization of Polyvinylpyrrolidone Incorporated Cellulose Acetate Membranes for Ultrafiltration of Metal Ion	Journal of Applied Polymer Science	Volume 124, Issue S1, 2012, Pages: 300–308	2012	1097-4628
16	JoyatiSankar Borah, GautamSarkhel, Tapan K Chaki	Simultaneous effect of organoclay and controlled peroxide curing on dielectric properties and flammability of LLDPE/EMA blend	Polymer Bulletin	Volume 68, Number 9, 2012, Pages 2255-2267.	2012	0170-0839
17	F, Ansari, B, Baboo, D. N. Goswami, GautamSarkhel	Changes in the properties of shellac on blending with rosin, effect on storage	Pigment & Resin Technology	vol. 42, Issue 4, 2012.	2012	0369-9420
18	GautamSarkhel, Sanjay Manjhi	Effect of Compatibilizer on The Dynamic Mechanical and Electrical Properties of Kaolin Clay Reinforced EPDM Rubber	Science Malaysian Journal	Volume 42 Number 4 , 2013	20123	1394-3065
19	Rajput, Amit; Sarkhel, Gautam; S. K. J. RahamanPatra, Manoj; Vadera, S; Singru,	Synthesis, characterization and properties of flexible magnetic nanocomposites of CoFe ₂ O ₄ -polybenzoxazine-LLDPE	Journal of Applied Polymer Science	DOI: 10.1002/app.38426.	2013	1097-4628

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20	S. saw, Gautamsark hel, A. Choudhury	Effect of layering pattern on the physical, mechanical and thermal properties of jute/ bagasse hybrid fibre reinforced epoxy novolac composites	Journal of Polymer Composite	DOI 10.1002/pc.	2013	1548- 0569
21	AmitBalsing Rajput, SeikhJiyaur Rahaman, GautamSark hel, and NarendraNa thGhosh	Preparation and characterization of flexible polybenzoxa- zine- LLDPE composites	Designed Monomers and Polymers	Volume 16, Issue 2, 2013	2013	1568- 5551
22	F, Ansari, B, Baboo, D. N. Goswami, GautamSark hel	Effect of temperature on coating properties of shellac-novolac blends	Pigment & Resin Technology	vol 42, issue 5, 2013	2013	0369- 9420
23	F, Ansari, B, Baboo, D. N. Goswami, GautamSark hel	Effect of butylated melamine formaldehyde resin on coating properties of shellac - rosin blends	Asia pacific Coatings Journal	Vol 25, No. 5, 35-38, 2012.	2012	1468- 1412
24	ArchanaKu mari, Arup Choudhury, GautamSark hel	Effect of polyvinylpyrro-lidone on separation performance of cellulose acetate- polysulfone blend membranes	Journal of Macromolecul ar Science, Part A: Pure and Applied Chemistry	Accepted	2013	1060- 1325
25	Amit B. Rajput1, Seikh J. Rahaman, GautamSark hel, Manoj K. Patra,	Preparation, characteri- zation and properties of flexible magnetic nano- composites of NiFe2O4- polybenzoxazine- LLDPE	Polymer- Plastics Technology &Enginee-ring (PPTe)	Accepted	2013	0360- 2559

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26	G.T.Moharraj, B.Kumar, P. Guegan, V. Celton, M. Castro and J.F.Feller	Novel biopolyester-carbon nanotubes nanocomposite thin films for vapor sensing	Sensors & Actuators A: Physical	Accepted	2013	0924-4247
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