

قائمة البحوث المنشورة و المقبولة للنشر لقسم الهندسة الكيميائية 2011-2012

No.	Title	Authors	Journal	Journal IF	Category IF
1	Fabrication and Characterization of Novel Crosslinked Composite Membranes for Direct Methanol Fuel Cell Application - (A) Poly (Vinyl Alcohol-Co-Vinyl Acetate-Co-Itaconic Acid)/ Phosphotungstic Acid Based Membranes	Arfat Anis, <b>S. M. Al-Zahrani</b> , A.K. Banthia and S. Bandyopadhyay	International Journal of Electrochemical Science, 6 (7), 2652-2671, 2011.	2.808	2.107
2	Fabrication and Characterization of Novel Crosslinked Composite Membranes for Direct Methanol Fuel Cell Application - (B) Poly (Vinyl Alcohol-Co-Vinyl Acetate-Co-Itaconic Acid)/ Silicotungstic Acid Based Membranes	Arfat Anis, <b>S. M. Al-Zahrani</b> , A.K. Banthia and S. Bandyopadhyay	International Journal of Electrochemical Science, 6 (7), 2461-2487, 2011.	2.808	2.107
3	Oxidation of Propane to Propylene over Sr-V-Mo Catalysts: Effects of Reaction Temperature and Space Time	Meilana Dharma Putra, <b>Saeed M. Al-Zahrani</b> , <b>Ahmed E. Abasaed</b>	<i>J. Ind. Eng. Chem.</i> <b>18</b> , 1153-1156 (2012)	2.149	0.938
4	Effectiveness of Metal Organic Frameworks for Removal of Refractory Organosulfur Compound Present in Liquid Fuels	G. Blanco-Brieva, J. M. Campos-Martin, <b>S.M. Al-Zahrani</b> , J. L. G. Fierro	Fuel, 90, 190-197, 2011.	3.604	0.938
5	Ethanesulfonic acid-based esterification of industrial acidic crude palm oil for biodiesel production	Hayyan, A., Farouq S. Mjalli, F. S., Hashim, M. A., Hayyan, M., <b>Al-Nashef, I. M., Al-Zahrani, S. M.</b> , Mohammed A. Al-Saadi,	Bioresource Technology, 102, 9564-9570, 2011.	4.365	1.038
6	Comparative study of internal batch mixer such as Cam, Banbury and Roller: Numerical simulation and experimental verification	Shafaat Ahmed Salahudeen , Rabeh H. Elleithy , <b>Othman AlOthman S. M. AlZahrani</b>	Chemical Engineering Science, 66, 2502-2511, 2011.	2.379	0.938
7	Catalysts for Hydrogen Production from Heavy Hydrocarbons	Rufino. M. Navarro Yerga, M. Consuelo Álvarez-Galván,	Chem. Cat. Chem., 3 (3), 440-457, 2011.	3.345	2.130

		Noelia Mota, Jose A. Villoria de la Mano, <b>Saeed M. Al-Zahrani</b> , Jose L. Fierro			
8	Characterization and Processing of HDPE / Carbon Nano-Composites	H. Fouad, Rabeh Elleithy, <b>S.M. Al-Zahrani, Al-Haj Ali</b>	Materials & Design, 32 (4), 1974-1980, 2011.	1.696	1.100
9	Hydrogen production by reforming of diesel fuel over catalysts derived from $\text{LaCo}_{1-x}\text{Ru}_x\text{O}_3$ perovskites: Effect of the partial substitution of Co by Ru ( $x = 0.01-0.1$ )	N. Motaa, R.M. Navarro, M.C. Alvarez-Galvan, <b>S.M. Al-Zahrani</b> , J.L.G. Fierro	Journal of Power Sources, 196 (21), 9087-9095, 2011.	4.290	2.107
10	An Oxygen-Deficient Perovskite as Selective Catalyst in the Oxidation of Alkyl Benzenes	A. Aguadero, J.A. Alonso, H. Falcon, J.M. Campos-Martin, J.L.G. Fierro, <b>S.M. Al-Zahrani</b>	Angewandte Chemie, 50, 6557-6561, 2011.	12.730	1.146
11	Oxidative reforming of diesel fuel over $\text{LaCoO}_3$ perovskite derived catalysts: Influence of perovskite synthesis method on catalyst properties and performance	Villoria J.A., Alvarez-Galvan M.C., <b>Al-Zahrani S.M.</b> , Palmisano P., Specchia S., Specchia V., Fierro J.L.G., Navarro R.M.	Applied Catalysis B: Environmental, 105 3-4, 276-288, 2011.	4.749	0.938
12	Different Factors Affecting the Mechanical and Thermo-mechanical Properties of HDPE Reinforced with Micro $\text{CaCO}_3$	Rabeh Elleithy, Ilias Ali, <b>Mohammad Al-haj Ali and S.M. Al-Zahrani</b>	Journal of Reinforced Plastics and Composites, 30(9), 769-780, 2011.	0.823	0.728
13	Viscoelastic, Thermal, and Morphological Analysis of HDPE / EVA / $\text{CaCO}_3$ Ternary Blend.	Rabeh Elleithy, Ilias Ali, M. E. Ali Mohsin and <b>S.M. Al-Zahrani</b>	Polymer Bulletin, 67(9), 1961-1978, 2011.	1.215	1.215
14	A Review of the Applications of Nanocarbon polymer composites	Ateeq Rahman, Rabeh Elleithy, Ilias Ali, and <b>S.M. Al-Zahrani</b>	Nano, 6 (3), 185-203, 2011.	1.106	2.040
15	An efficient oxidation of benzylic and alicyclic compounds with water-soluble copper catalysts in t-butyl hydroperoxide at room temperature	Rahman Ateeq; <b>Al Zahrani S. M.</b> ; Ajjou Abdel Aziz Nait	Chinese Chemical Letters, 22 (6), 691-693, 2011.	0.775	1.146
16	Structural and	M.A. Majeed Khan;	Applied Surface	1.795	2.130

	spectroscopic studies of thin film of silver nanoparticles	Sushil Kumar; Maqsood Ahamed; Salman A. Alrokayan; M.S. Alsalhi; <b>Mansour Alhoshan</b> ; A.S. Aldwayyan	Science, 257 (24), 10607-10612, 2011.		
17	Microwave-assisted synthesis of silver nanoparticles using poly-N-isopropylacrylamide/acrylic acid microgel particles	Aslam Khan, Ahmed Mohamed El-Toni, Salman Alrokayan, Mohamad Alsalhi, <b>Mansour Alhoshan</b> , Abdullah S. Aldwayyan	Colloids and Surfaces A: Physico chemical and Engineering Aspects, 377, 356–360, 2011.	2.130	2.130
18	Periodic Control of RO Desalination Processes	<b>Ali E, Ajbar A, Almutaz I</b>	J of process Control, 22, 218-227, 2012.	1.655	0.938
19	Modeling the kinetic of solute diffusion from sugarbeet particles based on electric conductivity measurements	<b>Bessadok-Jemai A., Khezami L., Emad A. and Vorobiev E</b>	International Journal of the Physical Sciences, 6 (28), 6464-6468, 2011.	0.540	0.464
20	On the Dynamics of Biodegradation of Wastewaters in Aerated Continuous Bioreactors	<b>M. AlAhmad, Ali E, Ajbar A</b>	Mathematical and Computer Modelling, 54, 1930-1942, 2011.	1.066	1.258
21	Effect of Monomer feed and Production rate on the Control of Molecular Weight Distribution of Polyethylene in Gas phase Reactors	<b>Al-haj Ali, Ali E</b>	Computers and Chemical Engineering, 35(11), 2480-2490, 2011.	2.072	0.938
22	Study of Cyclic Operation of RO Desalination Process	<b>Al-haj Ali, Ali E, Ajbar A, Alhumaizi K</b>	Canadian Journal of Chemical Engineering, 89(2), 299-303, 2011.	0.707	0.938
23	Broadening the Polyethylene Molecular Weight Distribution by Periodic Hydrogen Feed Rates	<b>Al-haj Ali, Ali E,</b>	Macromolecular Reaction Engineering, 5, 85-95, 2011.	1.701	0.938
24	Phase equilibria prediction of solid solute in supercritical carbon dioxide with and without a cosolvent: The use of artificial neural network	<b>Bakhbakhi Yousef</b>	Expert Systems with Applications, 38 (9), 11355-11362, 2011.	1.926	1.357
25	Fluidization of nano-powders: Effect of sound vibration and pre-mixing with group A particles	<b>Ajbar A., Bakhbakhi Y., Ali S., Asif M.</b>	Powder Technology, 206 (3), 327-337, 2011.	1.887	0.938

26	Multistability, bistability and bubbles phenomena in a periodically forced ethanol fermentor	<b>Abashar M. E. E.;</b> Elnashaie S. S. E. H.	Chemical Engineering. Science, 66 (23), 6146-6158, 2011.	2.379	0.938
27	Prediction of physical properties of nanofiltration membranes for neutral and charged solute	Kotrappanavar Nataraj S.; Hussain A. A.; <b>Abashar M. E. E.</b>	Desalination, 280 (1-3), 174-182, 2011.	1.851	0.938
28	Modeling and simulation of an integrated multi-shell fixed bed membrane reactor with well-mixed catalyst pattern for production of styrene and cyclohexane	<b>Abashar M. E. E.</b>	Chemical Engineering and Processing, 50 (9), 931-939, 2011.	1.729	0.938
29	Some complex dynamic features of a bioethanol fermentor excited by sinusoidal perturbations	<b>Abashar M. E. E.</b>	Chemical Engineering Journal, 172 (1), 386-398, 2011.	3.074	0.938
30	Experimental investigation of the hydraulic characteristics of a counter flow wet cooling tower	<b>M Boumaza</b>	Energy, 36 (10), 2011.	3.597	0.946
31	Modeling and simulations of a reformer used in direct reduction of iron	<b>Ajbar Abdelhamid;</b> <b>Alhumaizi Khalid;</b> Soliman Mustafa	Korean Journal of Chemical Engineering, 28 (12), 2242-2249, 2011.	0.748	0.938
32	Modeling and parametric studies of direct reduction reactor	<b>Ajbar A.;</b> <b>Alhumaizi K.;</b> Soliman M.	Iron Making & Steel Making, 38 (6), 401-411, 2011.	0.433	0.460
33	On the improvement of performance of bioreactors through periodic forcing	<b>Ajbar A.</b>	Computers & Chemical Engineering, 35 (6), 1164-1170, 2011.	2.072	0.938
34	Study of the operability of nonideal continuous bioreactors	<b>Ajbar A.</b>	Chemical Engineering Communications, 198 (3), 385-415, 2011.	0.913	0.938
35	Densities of Ammonium and Phosphonium based Deep Eutectic Solvents: Prediction using Artificial Intelligent and Group Contribution Techniques	Shahbaz, K., S. Baroutian, S., Mjalli, F.S., Hashim, M.A. <b>AlNashef, I.M.</b>	Thermochimica Acta, 527 (10), 59-66, 2012.	1.908	1.809
36	Term Stability of Superoxide Ion in Piperidinium, Pyrrolidinium and Phosphonium Cations-Based Ionic Liquids and Its Utilization in the	Hayyan, M., Farouq S. Mjalli, F. S., Hashim, M. A., <b>AlNashef, I. M., Al-Zahrani,</b> Chooi, K. L Long	Journal of Electro analytical Chemistry, 664 (1), 26-32, 2012.	<a href="#">2.733</a>	1.809

	Destruction of Chlorobenzenes				
37	Liquid–liquid equilibria for the ternary system (phosphonium based deep eutectic solvent–benzene–hexane) at different temperatures: A new solvent introduced	Kareem, M. A.; Mjalli, F. S.; Hashim, M. A.; and <b>AlNashef, I. M</b>	Fluid Phase Equilibria, 314 (25), 52-59, 2012.	2.253	0.938
38	Eutectic solvents for the removal of residual palm oil-based biodiesel catalyst	Shahbaz, K., Mjalli, F.S., Hashim, M. A., and <b>AlNashef, I.M.</b>	Separation and Purification Technology, 81, 216–222, 2011.	2.775	0.938
39	Using Deep Eutectic Solvents Based on Methyl Triphenyl Phosphonium Bromide for the Removal of Glycerol from Palm-Oil-Based Biodiesel	Shahbaz, K., Mjalli, F.S., Hashim, M. A., and <b>AlNashef, I.M.</b>	Energy & Fuels, 25, 2671–2678, 2011.	2.444	0.938
40	Electrochemical Reduction of Dioxygen in Bis (Trifluoromethylsulfonyl) Imide Based Ionic Liquids.	Hayyan, M.; Mjalli, S. M.; Hashim, M. A.; <b>AlNashef, I. M.</b> ; Tan, X. M	Journal of Electroanalytical Chemistry, 657, 150–157, 2011.	<a href="#">2.733</a>	1.809
41	Prediction of Deep Eutectic Solvents Densities at Different Temperatures	Shahbaz, K., Mjalli, F.S., Hashim, M. A., and <b>AlNashef, I.M.</b>	Thermochimica Acta, 515, 67–72, 2011	1.908	1.809
42	Oxidative CO <sub>2</sub> reforming of CH <sub>4</sub> over Ni/a-Al <sub>2</sub> O <sub>3</sub> catalyst	Al-Fatesh A S A, Ibrahim A A, <b>Fakeeha A H,</b> <b>Abasaheed A E,</b> Siddiqui M R	J Ind. Eng. Chem., 17, 479-483, 2011.	2.149	0.938
43	CO <sub>2</sub> reforming of CH <sub>4</sub> for Mitigation of green house gases	<b>Fakeeha A.H.,</b> Ibrahim A.A., Al Fatesh A.S.A. and <b>Abasaheed A.E.</b>	Res. J. Chem. Environ., 15 (2), 836-841, 2011.	0.292	1.146
44	Reduction of green house gases by dry reforming: Effect of support	Ahmed. S.A. Al-Fatesh and <b>Anis. H. Fakeeha</b>	Res. J. Chem. Environ., 15 (2), 259-268, 2011.	0.292	1.146
45	Effects of Selected Promoters on Ni/γ-Al <sub>2</sub> O <sub>3</sub> Catalyst Performance in Methane Dry Reforming	Ahmed S. A. AL-Fatesh, <b>Anis H. Fakeeha,</b> <b>Ahmed E. Abasaheed,</b>	Chinese Journal of Catalysis, 32 (10), 1604-1609, 2011.	0.752	0.938
46	Activity and carbon formation of a low Ni – loading Alumina supported catalyst	Al-Fatesh A S A, Ibrahim A A, <b>Fakeeha A H,</b> <b>Abasaheed A</b>	E. J. Chem. Eng. Jpn., 44, 328-335, 2011.	0.442	0.938
47	Adsorption of bromo-phenol blue from an aqueous solution onto thermally evacuated surface	Sajjad Haider, Nausheen Bukhari, <b>Waheed A. Al-Misry,</b> Soo Young	Chemical Engineering Research, 89, 23-28, 2011.	1.519	0.938

	of the granular charcoal	Park and Yousaf Iqbal			
48	Immunomodulatory potential of <i>Phlomis bracteosa</i>	Riaz Ullah, <b>Yousef Saleh Al-Zeghayer</b> , Sajjad Haider	African Journal of Pharmacy and pharmacology, 5, 1811-1812, 2011.	0.500	2.355
49	A Novel route for the preparation of thermally sensitive magnetic particles	Mohammad Omer, Sajjad Haider and Soo-Young Park	Polymer, 52, 91-97, 2011.	3.829	1.186
50	Biotransformation of $\beta$ -estradiol isolated from <i>Sonchus eruca</i>	Javid Hussain, Zia Muhammad, Riaz Ullah, Nargis Jamila, Shabir Ahmad, Naeem Khan, Sultan Ayaz and Sajjad Haider,	African Journal of Biotechnology, 10, 5529-5533, 2011.	0.573	1.874
51	Treatment of oily water using hydrophobic nano-silica	S. Syed, <b>M. Asif, M. I Alhazza</b>	Chemical Engineering Journal, 167, 99-103, 2011.	3.074	0.938
52	Studies of galvanised steel atmospheric corrosion in Saudi Arabia	S. Syed	Corrosion Engineering, Science and Technology, 46, 302-307, 2011.	0.495	1.100
53	Oxidative dehydrogenation of propane to propylene over Al <sub>2</sub> O <sub>3</sub> -supported Sr-V-Mo catalysts	Meilana Dharma Putra, <b>Saeed M. Al-Zahrani, Ahmed E. Abasaheed</b> ,	Catalysis Communications, 14 (1), 107-110, 2011.	2.827	2.130
54	Morphological, Thermal, Rheological, and Mechanical Properties of Polypropylene-nanoclay Composites Prepared from Masterbatch in a Twin Screw Extruder	Chafidz, A., <b>Al-haj Ali, M.</b> , Elleithy, R.,	Journal of Materials Science, 46 (18), 6075-6080, 2011.	1.859	1.100
55	Viscoelastic Properties of Polypropylene / Organo-clay Nano-composites	<b>Al-haj Ali, M.</b> , Elleithy, R.	Journal of Applied Polymer Science, 121 (1), 27-36, 2011.	1.240	1.186
56	Investigating pressure drop across mist eliminators in bubble column	Al-Dughaiter, A. S., Ibrahim, A. A., <b>Al-Masry, W. A.</b>	Journal of Saudi Chemical Society, 15, 1-9, 2011.	0	0.938
57	Toughness of HDPE / CaCO <sub>3</sub> Micro Composites Prepared from Masterbatch by Melt Blend Method	Ilias ali and Rabeh Elleithy	Journal of Applied Polymer Science, 122, 3303-3315, 2011.	1.240	1.186
58	A Solvent Evaporation Induced Aggregating Assembly Approach to Three-Dimensional Ordered Mesoporous Silica with Ultralarge Accessible	W. Jing, Wang Hai, Deng Yonghui, Sun Zhenkun, Shi, Lin; Tu, Bo, <b>Luqman, Mohammad</b> , Zhao, Dongyuan	Journal of American Chemical Society, 133 (50), 20369, 2011.	9.023	1.146

	Mesopores				
59	Core-Shell Ag@SiO <sub>2</sub> @mSiO <sub>2</sub> Mesoporous Nanocarriers for Metal-Enhanced Fluorescence	Jianping Yang, Fan Zhang, Yiran Chen, Sheng Qian, Pan Hu, Wei Li, Yonghui Deng, Yin Fang, Lu Han, <b>Mohammad Luqman</b> and Dongyuan Zhao	Chemical Communications, 47, 11618, 2011.	5.787	1.146
60	Volume-change of mixing at incipient fluidization of binary-solid mixtures: Experimental data and predictive models,	<b>M. Asif,</b>	Powder Technology, 471, 361-368 (2012)	1.887	0.938
61	Effect of ball milling time on the substitution of carbon in glucose doped MgB <sub>2</sub> superconductors: Dispersion behavior of glucose,	M. Shahabuddin, Nasser S. Alzayed, M.P. Jafar, <b>M. Asif,</b>	Physica C, 471, 23, 1635-1642 (2011)	1.415	1.382
62	Effect of volume contraction on the incipient fluidization of binary-solid mixtures	<b>M. Asif,</b>	<u>Particuology</u> 9, 101-106, (2011)	1.317	0.938
63	Azeotrope Prediction by Monte Carlo Molecular Simulation	<b>M. K. Hadj-Kali,</b> V. Gerbaud, X. Joulia	Chemical Engineering Communication, 199 (5), 673-688, (2012)	0.913	0.938
64	Formation of vinylidene in Polypropylene / Ethylene Vinyl Acetate (PP/EVA) Blends during degradation	<b>Othman Alothman,</b> Shafaat Salahudeen Rabeh Elleithy, <b>Saeed Al-Zahrani,</b>	Polymer-Plastics Technology and Engineering 51: 1–8, 2012	0.557	1.186
65	Generation of Superoxide Ion in 1-butyl-1-methylpyrrolidinium trifluoroacetate and its Application in the Destruction of Chloroethanes	Hayyan, M. Farouq S. Mjalli, F. S., Hashim, M. A. <b>AlNashef, I. M., Al-Zahrani,</b> M. Chooi.,	Journal of Molecular Liquids, 167, 3,2012, 28-33.	1.649	2.130
66	Recovery of Gold from Secondary Sources —A review	<b>S. Syed</b>	Hydrometallurgy, 115-116, 35-51, 2012.	1.922	0.460
67	Dynamic phenomen in forced bioethanol Reactors	<b>MEE Abashar</b>	Computers and Chemical Engineering, 37, (2),172-183, 2012	2.072	0.938
68	Heat treatment and electrochemical activation of titanium oxide nanotubes: The effect of hydrogen doping on	<b>M.S. AlHoshana,</b> A.A. BaQaisb, M.I. Al-Hazaa, A.M. Al-Mayoufc	Electrochimica Acta, 62, 15(2), 390-395, 2012	3.650	2.107

	electrochemical behavior				
69	An Integrated Approach to the Optimization of In-Plant Wastewater Interception with Mass and Property Constraints	<b>Wagialla KM</b> , El-Halwagi MM, Ponce-Ortega JM	Clean Technologies and Environmental Policy 14, 2, 257-265, 2012	1.120	1.453
70	Modification of alumina support with TiO <sub>2</sub> -P25 in CO <sub>2</sub> reforming of CH <sub>4</sub>	<b>Anis H. Fakeeha</b> , Ahmed S. Al-Fatesh, <b>Ahmed E. Abaseed</b>	Journal of Industrial and Engineering Chemistry (18) 2012, 212-217	2.149	0.938
71	Effects of calcinations and activation temperature on dry reforming catalysts	Ahmed S. Al-Fatesh, <b>Anis H. Fakeeha</b> ,	Journal of Saudi Chemical Society 2012, 16, 55-61	0	0.938
72	Preparation of magnetic polyacrylonitrile core-shell nanospheres by the miniemulsion polymerization method	Aslam Khan , Ahmed Mohamed El-Toni, Mohamad Alsalmi, Abdullah S. Aldwayyan, <b>Mansour Alhoshan</b>	Materials Letters 76 (2012) 141–143	2.120	1.100
73	Effect of Nano-SiO <sub>2</sub> & ZnO on the Crystallization Behaviour of Polyethylene Terephthalate Nanocomposite	M. E. Ali Mohsin, Ilias ali, Rabeh H. Elleithy and S.M. Al-Zahrani	J. Polym. Mater. Vol. 29, No. 1, 2012, 89-100	0.435	1.186
74	Production of Nano Carbon from agricultural based materials.	Ateeq Rahman, Ilias ali, Rabeh Elleithy and Saeed M Al-Zahrani	Nano Journal, Vol. 6, No. 3 (2011) 185–203	1.106	2.040
75	Effects of promoters on methane dry reforming over Ni catalyst on a mixed( $\alpha$ -Al <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub> -P25) support	Ahmed S. Al-Fatesh ,Anis H. Fakeeha, ,Ahmed E. Abaseed	International Journal of the Physical Sciences 6(36), 2011, 8083-8092	0.554	0.464
76	Polypropylene/MWCNT nanocomposites: Effect of MWCNT types and loading on the rheological, dynamic mechanical and thermal properties	Ilias Ali, Rabeh Elleithy, Achmad Chafidz and <b>Saeed Al-Zahrani</b>	Journal of Reinforced Plastics and Composites (Accepted, 2011)	0.823	0.728
77	Enhanced Operation of a Wastewater Treatment Process By Periodic Forcing Input	<b>Ali E, Ajbar A</b>	Journal of Saudi Chemical Society, 2011 (online).	0	0.938
78	Modeling the Complex Interactions Between Reformer and Reduction Furnace in Midrex-Based Iron Plant	<b>Khalid Alhumaizi</b> , <b>AbdelHamid Ajbar</b> and Mustafa Soliman,	Canadian Journal of Chemical Engineering, 2011 (online).	0.707	0.938
79	Sorption of motor oil using hydrophobic nano-silica	S. Syed, <b>M. Asif</b> , <b>M. I Alhazza</b>	Environmental Science and Pollution	2.870	1.560



			Research, accepted 2012.		
80	Investigation of coupling dehydrogenation and hydrogenation reactions in a fixed-bed catalytic reactor with well mixed catalyst pattern	<b>MEE abashar</b>	J of Saudi Chemical Society, accepted 2011 (online)	0	0.938
81	Pinch-Based and Disjunctive Optimization for Process Integration of Wastewater Interception with Mass and Property Constraints	<b>Wagialla KM</b>	Clean Technologies and Environmental Policy, 2012 (online)	1.120	1.453
82	Enhanced Ethanol Reactor Operation Through Periodic Forcing of the Feed Rate	<b>Ali E, Ajbar A</b>	Arabian Journal of Science and Technology, accepted 2011.	0	0.938
83	The Influences of Elastomer toward Crystallization of Poly(lactic acid)	Ilias ali, Mujtahid and <b>Saeed M Al-Zahrani</b>	Procedia Chemistry, accepted 2011	0	0.938
84	Optimization of rotor speed ratio based on stretching, efficiency and viscous heating in non-intermeshing internal batch mixer: Simulation and Experimental Verification	Shafaat Ahmed Salahudeen , <b>Othman AlOthman</b> , Rabeh H. Elleithy and <b>S.M. AlZahrani</b>	J of Applied Polymer Science Accepted 2012	1.240	1.186
85	Thermotropic poly(azomethine-urethane)s with NLO property: Synthesis and characterization	Ilias ali, <b>Saeed M Al-Zahrani</b> and S K Dolu.i	J of Polymer Science B, accepted 2011	0	0.928
86	Modeling and simulation of circulating fast fluidized bed reactors and circulating fast fluidized bed membrane reactors for production of hydrogen by oxidative reforming of methane	<b>Abashar M. E. E.</b>	international journal of hydrogen energy, Accepted 2012	4.057	2.130
87	A Facile Approach to Prepare Regenerated Cellulose / Graphene Nanoplatelets Composite using Room-Temperature Ionic Liquid	Shaya Mahmoudian, Mat Uzir Wahit, <b>Muhammad Imran</b> , A.F. Ismail, and Harintharavimal Balakrishnan	Journal of Nanoscience and Nanotechnology, Accepted, 2012	1.352	1.146
88	Epoxidized Natural Rubber	Harintharavimal	Journal of	0.865	0.728

	Toughened Polypropylene/Organically Modified Montmorillonite Nanocomposites	Balakrishnan, Seyed Ahmad Attaran, <b>Muhammad Imran</b> , Azman Hassan, Mat Uzir Wahit	Thermoplastic Composite Materials, Accepted, 2012		
89	Advances in Membrane Development Based on Electrically Conducting Polymers	javed alam, lawrence arockiasamy dass, <b>mansour saleh alhoshan</b> , abdul wahab mohammad	Advances in Polymer Technology, (online, 2012)	0.700	0.938
90	Fluidization of nano-powders: Effect of flow pulsation,	S. Ali and <b>M. Asif</b>	Powder Technology accepted, 2012	1.887	0.938
91	Fabrication of Chitosan Nanofibers Membrane with Improved Stability and Britility	Sajjad Haider, <b>Yousef Al-Zeghayer, Waheed A.Al-Masry</b> , Fekri A. Ahmed Ali	Advance Science Letter Accepted 2012	1.253	0.464
92	Preparation and Characterization of Poly(lactic acid)/Elastomer Blends Prepared by Melt Blending Technique	Mujtahid Kaavessina, Ilias Ali, S.M. Al-Zahrani	Carbohydrate polymer Accepted 2012	3.463	1.028
93	Viscoelasticity, biodegradability and thermal properties of Poly(lactic acid)/ Hydroxyapatite biocomposites prepared by solvent-blending technique	Mujtahid Kaavessina, Ilias Ali, S.M. Al-Zahrani	Polymer degradation and stability Accepted 2012	2.594	1.186
94	Improvements in barrier properties of poly(ethylene terephthalate) films using commercially available high barrier masterbatch additives via melt blend technique	M. E. Ali Mohsin, Ilias ali, Rabeh H. Elleithy and S.M. Al-Zahrani	Journal of Plastic Film and Sheeting Accepted 2012,	0.688	1.173