

# Syed Ibrahim Gnani Peer Mohamed

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192  
papers

4,351  
citations

38  
h-index

61  
g-index

195  
ext. papers

4,908  
ext. citations

6.1  
avg, IF

5.87  
L-index

#	Paper	IF	Citations
192	Integration of Zwitterionic Polymer Nanoparticles in Interfacial Polymerization for Ion Separation. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1508-1517	4.3	14
191	Improved separation of dyes and proteins using membranes made of polyphenylsulfone/cellulose acetate or acetate phthalate. <i>Environmental Chemistry Letters</i> , <b>2020</b> , 18, 881-887	13.3	5
190	One-step synthesis of zwitterionic-graphene oxide nanohybrid: Application to polysulfone tight ultrafiltration hollow fiber membrane. <i>Scientific Reports</i> , <b>2020</b> , 10, 6880	4.9	13
189	Poly(Homopiperazine-Amide) Thin-Film Composite Membrane for Nanofiltration of Heavy Metal Ions. <i>ACS Omega</i> , <b>2020</b> , 5, 28749-28759	3.9	8
188	Investigation of succinic acid recovery from aqueous solution and fermentation broth using polyimide nanofiltration membrane. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 101895	6.8	10
187	Use of cellulose acetate/polyphenylsulfone derivatives to fabricate ultrafiltration hollow fiber membranes for the removal of arsenic from drinking water. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 129, 715-727	7.9	55
186	Improved desalination by polyamide membranes containing hydrophilic glutamine and glycine. <i>Environmental Chemistry Letters</i> , <b>2019</b> , 17, 1053-1059	13.3	10
185	Separation of heavy metal and protein from wastewater by sulfonated polyphenylsulfone ultrafiltration membrane process prepared by glycine betaine enriched coagulation bath. <i>Korean Journal of Chemical Engineering</i> , <b>2018</b> , 35, 1281-1289	2.8	14
184	Removal of metal ions and humic acids through polyetherimide membrane with grafted bentonite clay. <i>Scientific Reports</i> , <b>2018</b> , 8, 4665	4.9	54
183	Performance intensification of the polysulfone ultrafiltration membrane by blending with copolymer encompassing novel derivative of poly(styrene-co-maleic anhydride) for heavy metal removal from wastewater. <i>Chemical Engineering Journal</i> , <b>2018</b> , 353, 425-435	14.7	71
182	Compressive and swelling behavior of cuttlebone derived hydroxyapatite loaded PVA hydrogel implants for articular cartilage <b>2018</b> ,		5
181	Fabrication of polyetherimide nanocomposite membrane with amine functionalised halloysite nanotubes for effective removal of cationic dye effluents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 93, 42-53	5.3	28
180	Polyimide-graphene oxide nanofiltration membrane: Characterizations and application in enhanced high concentration salt removal. <i>Chemical Engineering Science</i> , <b>2018</b> , 177, 218-233	4.4	24
179	Fabrication of novel PPSU/ZSM-5 ultrafiltration hollow fiber membranes for separation of proteins and hazardous reactive dyes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 82, 342-350	5.3	31
178	Novel mixed matrix membranes incorporated with dual-nanofillers for enhanced oil-water separation. <i>Separation and Purification Technology</i> , <b>2017</b> , 178, 113-121	8.3	68
177	Efficient treatment of hazardous reactive dye effluents through antifouling polyetherimide hollow fiber membrane embedded with functionalized halloysite nanotubes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 72, 244-252	5.3	21
176	Fabrication of a novel hollow fiber membrane decorated with functionalized Fe <sub>2</sub> O <sub>3</sub> nanoparticles: towards sustainable water treatment and biofouling control. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 4197-4211	3.6	14

175	Preparation and characterization of PPSU membranes with BiOCl nanowafers loaded on activated charcoal for oil in water separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2017</b> , 77, 293-301	5.3	15
174	Favorable influence of mPIAM on PSf blend membranes for ion rejection. <i>Journal of Membrane Science</i> , <b>2017</b> , 533, 229-240	9.6	9
173	Carbon nanotube- and graphene-based advanced membrane materials for desalination. <i>Environmental Chemistry Letters</i> , <b>2017</b> , 15, 643-671	13.3	39
172	Bio-inspired, fouling resistant, tannic acid functionalized halloysite nanotube reinforced polysulfone loose nanofiltration hollow fiber membranes for efficient dye and salt separation. <i>Journal of Water Process Engineering</i> , <b>2017</b> , 20, 138-148	6.7	31
171	Novel, one-step synthesis of zwitterionic polymer nanoparticles via distillation-precipitation polymerization and its application for dye removal membrane. <i>Scientific Reports</i> , <b>2017</b> , 7, 15889	4.9	43
170	Improvement in performance of polysulfone membranes through the incorporation of chitosan-(3-phenyl-1h-pyrazole-4-carbaldehyde). <i>Cogent Engineering</i> , <b>2017</b> , 4, 1403005	1.5	3
169	Antitubercular and Antimicrobial Activity of NH <sub>4</sub> VO <sub>3</sub> Promoted 1,4- Dihydropyridine Incorporated 1,3,4-trisubstituted Pyrazole. <i>Letters in Drug Design and Discovery</i> , <b>2017</b> , 14,	0.8	2
168	Influence of palm oil fuel ash, an agro-industry waste on the ultrafiltration performance of cellulose acetate butyrate membrane. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 26414-26426		6
167	Synthesis, and antitubercular and antimicrobial activity of 1?-(4-chlorophenyl)pyrazole containing 3,5-disubstituted pyrazoline derivatives. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 73-76	3.6	31
166	Photoreactor-ultrafiltration hybrid system for oily bilge water photooxidation and separation from oil tanker. <i>Reactive and Functional Polymers</i> , <b>2016</b> , 101, 28-38	4.6	10
165	Synthesis and characterization of novel sulfanilic acid-polyvinyl chloride-polysulfone blend membranes for metal ion rejection. <i>RSC Advances</i> , <b>2016</b> , 6, 25492-25502	3.7	25
164	Fabrication and characterization of new PSF/PPSU UF blend membrane for heavy metal rejection. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 19810-19819		13
163	Fabrication of polydopamine functionalized halloysite nanotube/polyetherimide membranes for heavy metal removal. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 764-774	13	169
162	The effect of glycine betaine additive on the PPSU/PSF ultrafiltration membrane performance. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 24788-24798		14
161	Preparation of polysulfone-based PANI/iO <sub>2</sub> nanocomposite hollow fiber membranes for industrial dye rejection applications. <i>RSC Advances</i> , <b>2016</b> , 6, 99764-99773	3.7	17
160	Preparation and characterization of novel PSf/PVP/PANI-nanofiber nanocomposite hollow fiber ultrafiltration membranes and their possible applications for hazardous dye rejection. <i>Desalination</i> , <b>2015</b> , 365, 117-125	10.3	62
159	Humic Acid Based Biopolymeric Membrane for Effective Removal of Methylene Blue and Rhodamine B. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2015</b> , 54, 4965-4975	3.9	69
158	1,3,4-Trisubstituted pyrazole bearing a 4-(chromen-2-one) thiazole: synthesis, characterization and its biological studies. <i>RSC Advances</i> , <b>2015</b> , 5, 43648-43659	3.7	22

157	Novel hybrid photocatalytic reactor-UF nanocomposite membrane system for bilge water degradation and separation. <i>RSC Advances</i> , <b>2015</b> , 5, 45331-45340	3.7	14
156	Synthesis and in vitro biological evaluation of new pyrazole chalcones and heterocyclic diamides as potential anticancer agents. <i>Arabian Journal of Chemistry</i> , <b>2015</b> , 8, 317-321	5.9	57
155	Preparation, characterization and the effect of PANI coated TiO <sub>2</sub> nanocomposites on the performance of polysulfone ultrafiltration membranes. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 703-712	3.6	42
154	Probing the morphology and anti-organic fouling behaviour of a polyetherimide membrane modified with hydrophilic organic acids as additives. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 6141-6150	3.6	36
153	Preparation and performance studies of polysulfone-sulfated nano-titania (S-TiO <sub>2</sub> ) nanofiltration membranes for dye removal. <i>RSC Advances</i> , <b>2015</b> , 5, 53874-53885	3.7	49
152	A review on RO membrane technology: Developments and challenges. <i>Desalination</i> , <b>2015</b> , 368, 10-26	10.3	318
151	Synthesis and biological evaluation of novel substituted 1,3,4-thiadiazole and 2,6-di aryl substituted imidazo [2,1-b] [1,3,4] thiadiazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 71, 316-23	6.8	41
150	Synthesis and biological evaluation of newer analogues of 2,5-disubstituted 1,3,4-oxadiazole containing pyrazole moiety as antimicrobial agents. <i>Arabian Journal of Chemistry</i> , <b>2014</b> , 7, 1185-1191	5.9	22
149	Preparation of antifouling polyetherimide/hydrolysed PIAM blend nanofiltration membranes for salt rejection applications. <i>RSC Advances</i> , <b>2014</b> , 4, 55773-55780	3.7	11
148	Blue emitting halogenophenoxy substituted 1,8-naphthalimides for potential organic light emitting diode applications. <i>Optical Materials</i> , <b>2014</b> , 37, 311-321	3.3	35
147	Synthesis, characterization and antimicrobial studies of some new trifluoromethyl quinoline-3-carbohydrazide and 1,3,4-oxadiazoles. <i>RSC Advances</i> , <b>2014</b> , 4, 30864-30875	3.7	15
146	Preparation and evaluation of heavy metal rejection properties of polysulfone/chitosan, polysulfone/N-succinyl chitosan and polysulfone/N-propylphosphonyl chitosan blend ultrafiltration membranes. <i>Desalination</i> , <b>2014</b> , 350, 102-108	10.3	49
145	Preparation and antifouling properties of PVDF ultrafiltration membranes with polyaniline (PANI) nanofibers and hydrolysed PSMA (H-PSMA) as additives. <i>Desalination</i> , <b>2014</b> , 351, 220-227	10.3	59
144	Preparation and evaluation of heavy metal rejection properties of polyetherimide/porous activated bentonite clay nanocomposite membrane. <i>RSC Advances</i> , <b>2014</b> , 4, 47240-47248	3.7	30
143	Enhanced Permeation Performance of Cellulose Acetate Ultrafiltration Membranes by Incorporation of Sulfonated Poly(1,4-phenylene ether ether sulfone) and Poly(styrene-co-maleic anhydride). <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 13820-13827	3.9	34
142	Blue organic light emitting materials: Synthesis and characterization of novel 1,8-naphthalimide derivatives. <i>Optical Materials</i> , <b>2014</b> , 36, 704-711	3.3	40
141	Preparation and characterization study of PPEES/chitosan composite membrane crosslinked with tripolyphosphate. <i>Desalination</i> , <b>2014</b> , 344, 90-96	10.3	28
140	Syntheses, Crystal Structures and Antimicrobial Studies of Two New Semicarbazone Derivatives. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 51-56	0.5	3

139	Click chemistry approach: regioselective one-pot synthesis of some new 8-trifluoromethylquinoline based 1,2,3-triazoles as potent antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 74, 324-32	6.8	57
138	Synthesis, characterization, anticancer, and antioxidant activity of some new thiazolidin-4-ones in MCF-7 cells. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 758-767	2.2	29
137	Antifouling and performance enhancement of polysulfone ultrafiltration membranes using CaCO <sub>3</sub> nanoparticles. <i>Desalination</i> , <b>2013</b> , 322, 69-75	10.3	54
136	New pyrazole derivatives containing 1,2,4-triazoles and benzoxazoles as potent antimicrobial and analgesic agents. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 62, 410-5	6.8	195
135	Design and regioselective synthesis of trifluoromethylquinolone derivatives as potent antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 68, 422-32	6.8	10
134	Synthesis and characterization of novel water soluble derivative of Chitosan as an additive for polysulfone ultrafiltration membrane. <i>Journal of Membrane Science</i> , <b>2013</b> , 440, 140-147	9.6	66
133	Polysulfone-Chitosan blend ultrafiltration membranes: preparation, characterization, permeation and antifouling properties. <i>RSC Advances</i> , <b>2013</b> , 3, 7855	3.7	69
132	Synthesis and antimicrobial activities of some novel 1,2,4-triazole derivatives. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 177-181	5.9	25
131	Modification of PSf/PIAM membrane for improved desalination applications using Chitosan coagulation media. <i>Desalination</i> , <b>2013</b> , 317, 108-115	10.3	19
130	Synthesis, characterization and antibacterial activity of some new pyrazole based Schiff bases. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 335-340	5.9	50
129	Synthesis of new 3-aryl-4-(3-aryl-4,5-dihydro-1H-pyrazol-5-yl)-1-phenyl-1H-pyrazole derivatives as potential antimicrobial agents. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 2654-2664	2.2	4
128	Novel N-substituted-5-phenyl-1H-pyrazole-4-ethyl carboxylates as potential NLO materials. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 97-102	5.9	12
127	In vivo anticancer and histopathology studies of Schiff bases on Ehrlich ascitic carcinoma cells. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 25-33	5.9	21
126	Synthesis, characterization and their anticonvulsant, anti-inflammatory studies of some novel chromeno oxadiazoles. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 1497-1503	2.2	1
125	Synthesis and performance characterization of PS-PPEES nanoporous membranes with nonwoven porous support. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 319-326	5.9	8
124	Performance improvement of polysulfone ultrafiltration membrane using N-succinyl chitosan as additive. <i>Desalination</i> , <b>2013</b> , 318, 1-8	10.3	51
123	Synthesis, characterization and desalination study of composite NF membranes of novel Poly[(4-aminophenyl)sulfonyl]butanediamide (PASB) and methylated Poly[(4-aminophenyl)sulfonyl]butanediamide (mPASB) with Polysulfone (PSf). <i>Journal of Membrane Science</i> , <b>2013</b> , 428, 489-497	9.6	21
122	Enhanced hydrophilicity and salt rejection study of graphene oxide-polysulfone mixed matrix membrane. <i>Desalination</i> , <b>2013</b> , 313, 199-207	10.3	420

121	Permeation, antifouling and desalination performance of TiO <sub>2</sub> nanotube incorporated PSf/CS blend membranes. <i>Desalination</i> , <b>2013</b> , 316, 76-84	10.3	63
120	Preparation and characterization of PPEES/chitosan composite nanofiltration membrane. <i>Desalination</i> , <b>2013</b> , 315, 135-141	10.3	45
119	Molecular docking studies of some new imidazole derivatives for antimicrobial properties. <i>Arabian Journal of Chemistry</i> , <b>2013</b> , 6, 197-204	5.9	69
118	Studies on copper coated polysulfone/modified poly isobutylene alt-maleic anhydride blend membrane and its antibiofouling property. <i>Desalination</i> , <b>2013</b> , 308, 82-88	10.3	15
117	Redetermination of the structure of 9,10-dibromoanthracene, C <sub>14</sub> H <sub>8</sub> Br <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2013</b> , 228, 23-24	0.2	
116	Blue light emitting naphthalimides for organic light emitting diodes <b>2013</b> ,		3
115	2-(4-Chloro-phen-yl)-2-oxoethyl naphthalene-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o551		1
114	2-(4-Bromo-phen-yl)-2-oxoethyl naphthalene-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o649		1
113	2,4-Dichloro-benzyl 2-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o509		1
112	Preparation and characterization of polysulfone and modified poly isobutylene-alt-maleic anhydride blend NF membrane. <i>Desalination</i> , <b>2012</b> , 287, 103-108	10.3	27
111	Synthesis, characterization and desalination study of novel PSAB and mPSAB blend membranes with Polysulfone (PSf). <i>Desalination</i> , <b>2012</b> , 295, 35-42	10.3	34
110	Synthesis, characterization and antimicrobial activity of novel ethyl 1-(N-substituted)-5-phenyl-1H-pyrazole-4-carboxylate derivatives. <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 2702-2708	2.2	13
109	Synthesis and anti-inflammatory evaluation of some new 3,6-disubstituted-1,2,4-triazolo-[3,4-b]-1,3,4-thiadiazoles bearing pyrazole moiety. <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 3272-3280	2.2	7
108	Blue light emitting materials for organic light emitting diodes: Experimental and simulation study <b>2012</b> ,		1
107	Preparation and characterization of sulfonated polysulfone and N-phthloyl chitosan blend composite cation-exchange membrane for desalination. <i>Desalination</i> , <b>2012</b> , 298, 42-48	10.3	51
106	Synthesis, characterization and antimicrobial studies of some new quinoline incorporated benzimidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 54, 900-6	6.8	53
105	A novel series of homoallylic amines as potential antimicrobials. <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 1090-1097	2.2	1
104	1-(4-Bromo-phen-yl)-2-(2-chloro-phen-oxy)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3478		1

- 103 2-[(E)-4-Diethyl-amino-2-hydroxy-benzyl-idene]hydrazinecarboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o380 1
- 102 Dimethyl 2,6-dimethyl-4-(3-phenyl-1H-pyrazol-4-yl)-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o922-3 1
- 101 Diethyl 4-[5-(4-chloro-phen-yl)-1H-pyrazol-4-yl]-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1289-90
- 100 Diethyl 2-[[2-(trifluoro-meth-yl)anil-ino]methyl-idene]propane-dioate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o514-5 5
- 99 (2E)-1-(2,4-Dichloro-phen-yl)-3-[3-(4-nitro-phen-yl)-1-phenyl-1H-pyrazol-4-yl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o616-7 1
- 98 2-(8-Bromo-imidazo[1,2-a]pyridin-2-yl)-N[(E)-4-diethyl-amino-2-hydroxy-benzyl-idene]acetohydrazide dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o816-7
- 97 4-[3-(Biphenyl-4-yl)-1-phenyl-4,5-dihydro-1H-pyrazol-5-yl]-3-(4-methoxy-phen-yl)-1-phenyl-1H-pyrazole dioxane monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o972-3
- 96 4-(4-Bromo-phen-yl)-1-(2,6-difluoro-benz-yl)-3-(3,4,5-trimethoxy-phen-yl)-1H-1,2,4-triazole-5(4H)-thione. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o89
- 95 Ethyl 1-(2,4-dichloro-benz-yl)-4-oxo-7-trifluoro-meth-yl-1,4-dihydro-quinoline-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o435-6 1
- 94 2-(4-Fluoro-phen-yl)-2-oxoethyl 2-methoxy-benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o513 3
- 93 Methyl 2-[(2-methyl-phen-oxo)meth-yl]benzoate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o728 2
- 92 Diethyl 2,6-dimethyl-4-(5-phenyl-1H-pyrazol-4-yl)-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o892-3 1
- 91 2-(4-Bromo-phen-yl)-2-oxoethyl anthracene-9-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1876 2
- 90 Dimethyl 4-[3-(4-methoxy-phen-yl)-1-phenyl-1H-pyrazol-4-yl]-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate dihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2210-1
- 89 (2E)-3-(6-Methoxy-naphthalen-2-yl)-1-[4-(methyl-sulfan-yl)phen-yl]prop-2-en-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2277-8
- 88 1-[(3-Benz-yloxy-2-nitro-phen-oxo)meth-yl]benzene. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2317-8
- 87 2-Cyclo-pentyl-idenehydrazine-carboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2675-6
- 86 Ethyl 4-[[1-(2,4-dichloro-benz-yl)-1H-1,2,3-triazol-4-yl]methoxy]-8-(trifluoro-meth-yl)quinoline-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3017-8 1

85	1,5-Dibromo-2,4-dimeth-oxy-benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o3479		3
84	Synthesis and Characterization of Schiff Base Metal Complexes and Reactivity Studies with Maleimide Epoxy Resin. <i>Bulletin of the Korean Chemical Society</i> , <b>2012</b> , 33, 473-482	1.2	7
83	Preparation, Characterization and Performance Study of Poly(isobutylene-alt-maleic anhydride) [PIAM] and Polysulfone [PSF] Composite Membranes before and after Alkali Treatment. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 6528-6534	3.9	38
82	New polypropylene supported chitosan NF-membrane for desalination application. <i>Desalination</i> , <b>2011</b> , 280, 419-423	10.3	28
81	Polysulfone/N-phthaloylchitosan novel composite membranes for salt rejection application. <i>Desalination</i> , <b>2011</b> , 279, 409-414	10.3	48
80	Hantzsch reaction: synthesis and characterization of some new 1,4-dihydropyridine derivatives as potent antimicrobial and antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 5591-7	6.8	97
79	Synthesis, characterization and in vitro cytotoxic properties of some new Schiff and Mannich bases in Hep G2 cells. <i>Medicinal Chemistry Research</i> , <b>2011</b> , 20, 1024-1032	2.2	13
78	Synthesis, characterization, antioxidant, and anticancer studies of 6-[3-(4-chlorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthoxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole in HepG2 cell lines. <i>Medicinal Chemistry Research</i> , <b>2011</b> , 20, 1074-1080	2.2	8
77	Synthesis and nonlinear optical characterization of new 1,3,4-oxadiazoles. <i>Bulletin of Materials Science</i> , <b>2011</b> , 34, 887-891	1.7	12
76	2,6-Dichloro-3-nitro-pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1785		1
75	Synthesis and desalination performance of Ar+ $\gamma$ irradiated polysulfone based new NF membrane. <i>Desalination</i> , <b>2011</b> , 265, 153-158	10.3	16
74	Conversion of microfiltration membrane into nanofiltration membrane by vapour phase deposition of aluminium for desalination application. <i>Desalination</i> , <b>2011</b> , 274, 177-181	10.3	19
73	Synthesis, characterization and antimicrobial studies of some new pyrazole incorporated imidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 3531-6	6.8	81
72	(E)-1-(2,4-Dichloro-phen-yl)-3-(1,3-diphenyl-1H-pyrazol-4-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3102-3		4
71	2-(4-Chloro-phen-yl)-2-oxoethyl benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1802		5
70	(2E)-2-(4-Fluoro-benzyl-idene)hydrazinecarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2885-6		2
69	(E)-1-(2,4-Dichloro-phen-yl)-3-[3-(4-meth-oxy-phen-yl)-1-phenyl-1H-pyrazol-4-yl]prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3105		4
68	2-(4-Bromo-phen-yl)-2-oxoethyl 4-methyl-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3154		4



67	4-(3-Chloro-phen-yl)-3-[(2,6-difluoro-benz-yl)sulfan-yl]-5-(3,4,5-trimeth-oxy-phen-yl)-4H-1,2,4-triazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3422-3	5
66	Diethyl 4-[2-(4-meth-oxy-phen-yl)-1H-pyrazol-3-yl]-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1417-8	3
65	2-Oxo-2-phenyl-ethyl benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1528	6
64	2-(4-Chloro-phen-yl)-2-oxoethyl 3-(trifluoro-meth-yl)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1597	4
63	2-(4-Bromo-phen-yl)-2-oxoethyl 4-bromo-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1582-3	3
62	2-(4-Bromo-phen-yl)-2-oxoethyl 4-chloro-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1723	3
61	2-(4-Bromo-phen-yl)-2-oxoethyl 2-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1724	4
60	(2E)-3-(1,3-Diphenyl-1H-pyrazol-4-yl)-1-phenyl-prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1745-6	1
59	Diethyl 4-[5-(biphenyl-4-yl)-1H-pyrazol-4-yl]-2,6-dimethyl-1,4-dihydro-pyridine-3,5-dicarboxyl-ate ethanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1768-9	
58	3-(4-Chloro-phen-yl)-1-phenyl-1H-pyrazole-4-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1783-4	2
57	(E)-2-(4-Hy-droxy-3-meth-oxy-benzyl-idene)hydrazinecarboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1786	1
56	4-[[E)-(3-Phenyl-1H-pyrazol-4-yl)methyl-idene]amino]-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1944	
55	N-(5-Bromo-pyridin-2-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2043	1
54	2-(4-Chloro-phen-yl)-2-oxoethyl 4-hy-droxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2682	4
53	2-(5-Bromo-pyridin-3-yl)-5-[3-(4,5,6,7-tetra-hydro-thieno[3,2-c]pyridine-5-ylsulfon-yl)thio-phen-2-yl]-1,3,4-oxa-diazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2743-4	2
52	2-(4-Fluoro-phen-yl)-2-oxoethyl 3-(trifluoro-meth-yl)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2836	4
51	4-(1,3-Diphenyl-4,5-dihydro-1H-pyrazol-5-yl)-1,3-diphenyl-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2822-3	2
50	2-(4-Chloro-phen-yl)-2-oxoethyl 4-methyl-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3030	4

49	4-(4-Methyl-piperazin-1-yl)-3-(5-phenyl-1,3,4-oxadiazol-2-yl)-7-(trifluoro-meth-yl)quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3117-8	2
48	4-(o-Tol-yl)piperazin-1-ium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3115	2
47	(E)-3-[3-(4-Bromo-phen-yl)-1-phenyl-1H-pyrazol-4-yl]-1-(2,4-dichloro-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3104	3
46	2-(4-Bromo-phen-yl)-2-oxoethyl 2-methyl-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3119	4
45	2-(4-Chloro-phen-yl)-2-oxoethyl 3,4-dimeth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3351	4
44	2-(4-Chloro-anilino)-1-(4-chloro-phen-yl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3373	
43	2-(2,4-Dichloro-phen-yl)-2-oxoethyl 4-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3379	3
42	2-(4-Fluoro-phen-yl)-2-oxoethyl 4-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3456	3
41	Ethyl 1-cyclo-hexyl-5-(4-meth-oxy-phen-yl)-1H-pyrazole-4-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3460-1	
40	NH[(E)-(3-Phenyl-1H-pyrazol-4-yl)methyl-idene]naphtho-[2,1-b]furan-2-carbohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3471-2	2
39	1-Cyclo-hexyl-5-(4-meth-oxy-phen-yl)-1H-pyrazole-4-carb-oxy-lic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3513	3
38	2-(4-Bromo-phen-yl)-2-oxoethyl 4-hy-droxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2854	5
37	2-(4-Bromo-phen-yl)-2-oxoethyl 4-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1529	7
36	4-(Morpholin-4-yl)-3-(trifluoro-meth-yl)-benzotrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1600	2
35	2-(Biphenyl-4-yl)-5-[3-(4,5,6,7-tetra-hydro-thieno[3,2-c]pyridine-5-ylsulfon-yl)thio-phen-2-yl]-1,3,4-oxa-diazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o2781-2	1
34	2-(4-Chloro-phen-yl)-2-oxoethyl 2,4-di-fluoro-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1599	3
33	2-(4-Chloro-phen-yl)-2-oxoethyl 2-meth-oxy-benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1687	4
32	5-(2,4-Dichloro-phen-yl)-3-(4-nitro-phen-yl)-1,2,4-oxadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1196-7	1

31	6-(4-Amino-phen-yl)-2-eth-oxy-4-(2-thien-yl)nicotinonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1811-2			1
30	2-Chloro-4-nitro-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1828-9			4
29	Diethyl 4-hy-droxy-4-methyl-6-oxo-2-phenyl-cyclo-hexane-1,3-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1910			
28	4,6-Dimeth-oxy-2-(methyl-sulfon-yl)pyrimidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1913			
27	Ethyl 1-tert-butyl-5-phenyl-1H-pyrazole-4-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2228			2
26	Ethyl 1,5-diphenyl-1H-pyrazole-4-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2282-3			4
25	N-[(4-Amino-5-sulfanyl-idene-4,5-dihydro-1H-1,2,4-triazol-3-yl)meth-yl]-4-methyl-benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2501-2			
24	3-Ethyl-6-[3-(4-fluoro-phen-yl)-1H-pyrazol-4-yl]-1,2,4-triazolo[3,4-b][1,3,4]thia-diazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2799-800			2
23	Methyl 2,6-bis-[(5-bromo-4,6-dimeth-oxy-pyrimidin-2-yl)-oxy]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1871			2
22	Methyl 2,6-bis-[(5-chloro-4,6-dimeth-oxy-pyrimidin-2-yl)-oxy]benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o1869-70			1
21	Bis(4-amino-pyridinium) sulfate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2250-1			3
20	3-(2,4-Dichloro-phen-yl)-5-phenyl-1,2,4-oxadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o851			1
19	Synthesis, characterization and nonlinear optical properties of 2-[(E)-2-(4-ethoxyphenyl)ethenyl]-1-methylquinolinium 4-substitutedbenzenesulfonate compounds. <i>Synthetic Metals</i> , <b>2010</b> , 160, 819-824	3.6		18
18	2-(4-Methyl-phen-oxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 67, o165			5
17	5-[(4-Meth-oxy-benz-yl)sulfan-yl]-2-methyl-1,3,4-thia-diazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 67, o163			2
16	4-(1,2,4-Triazol-1-yl)aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 67, o164			2
15	2-Methyl-5-[(3-methyl-4-nitro-benz-yl)sulfan-yl]-1,3,4-thia-diazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 67, o205-6			1
14	Synthesis, characterization and anti-microbial studies of some novel 2,4-disubstituted thiazoles. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5460-4	6.8		82

13	6-[3-(4-Fluorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthoxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole as a potent antioxidant and an anticancer agent induces growth inhibition followed by apoptosis in HepG2 cells. <i>Arabian Journal of Chemistry</i> , <b>2010</b> , 3, 211-217	5.9	45
12	Synthesis, characterization and biological activities of some new benzo[b]thiophene derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 825-30	6.8	98
11	Synthesis, characterization and biological activity of some new 1,3,4-oxadiazole bearing 2-flouro-4-methoxy phenyl moiety. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1206-10	6.8	91
10	Novel chromeno [2,3-b]-pyrimidine derivatives as potential anti-microbial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 2695-9	6.8	38
9	Synthesis and biological evaluation of aminoketones. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 6090-4	6.8	11
8	6-(4-Bromo-phen-yl)-2-eth-oxy-4-(2,4,5-trimethoxy-phen-yl)nicotinonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o641-2		1
7	3-(2,4-Dichloro-phen-yl)-5-methyl-1,2,4-oxadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o772		1
6	2-Dibutyl-amino-1-(2,7-dichloro-9H-fluoren-4-yl)ethanol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, o2624-5		3
5	2-Phenoxy-acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o53-4		4
4	2-(2-Chloro-phen-oxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o31-2		3
3	4-Amino-3-(1-naphthyl-oxymeth-yl)-1H-1,2,4-triazole-5(4H)-thione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o29-30		10
2	6-(4-Bromo-phen-yl)-2-eth-oxy-4-(4-ethoxy-phen-yl)nicotinonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 66, o79-80		3
1	All-Polymeric Thin-Film Nanocomposite Membrane for Organic Solvent Nanofiltration. <i>ACS Applied Polymer Materials</i> ,	4.3	0