

Toraj Mohammadi

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.

379
papers

13,201
citations

62
h-index

91
g-index

392
ext. papers

14,889
ext. citations

5.8
avg, IF

7.29
L-index

#	Paper	IF	Citations
379	Evaluation of process condition impact on copper and lead ions removal from water using goethite incorporated nanocomposite ultrafiltration adsorptive membranes.. <i>Water Science and Technology</i> , 2022 , 85, 1053-1064	2.2	1
378	Development of high-performance thin-film composite FO membrane by tailoring co-deposition of dopamine and m-phenylenediamine for the Caspian seawater desalination. <i>Desalination</i> , 2022 , 527, 115577	10.3	2
377	Reverse and forward osmosis membrane technologies 2022 , 275-309		
376	Incorporation of amine-grafted halloysite nanotube to electrospun nanofibrous membranes of chitosan/poly (vinyl alcohol) for Cd (II) and Pb(II) removal. <i>Applied Clay Science</i> , 2022 , 220, 106460	5.2	1
375	Functional charcoal based nanomaterial with excellent colloidal property for fabrication of polyethersulfone ultrafiltration membrane with improved flux and fouling resistance. <i>Materials Chemistry and Physics</i> , 2022 , 126167	4.4	0
374	Electrospun nanofiber affinity membranes for water treatment applications: A review. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102795	6.7	4
373	Hybrid nanofiltration thin film hollow fiber membranes with adsorptive supports containing bentonite and LDH nanoclays for boron removal. <i>Journal of Membrane Science</i> , 2022 , 655, 120576	9.6	0
372	Graphene-based membranes for membrane distillation applications: A review. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107974	6.8	2
371	Development of high flux PVDF/modified TNTs membrane with improved properties for desalination by vacuum membrane distillation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106730	6.8	2
370	Hybrid Adsorbents for Dye Removal from Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 405-451	0.8	3
369	Superior Pebax-1657/amine-modified halloysite nanotubes mixed-matrix membranes to improve the CO ₂ /CH ₄ separation efficiency. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50749	2.9	3
368	A novel thin film composite forward osmosis membrane using bio-inspired polydopamine coated polyvinyl chloride substrate: Experimental and computational fluid dynamics modelling. <i>Chemical Engineering Research and Design</i> , 2021 , 147, 756-771	5.5	7
367	Synthesis and characterization of polytetrafluoroethylene/oleic acid-functionalized carbon nanotubes composite membrane for desalination by vacuum membrane distillation. <i>Desalination</i> , 2021 , 503, 114931	10.3	9
366	Reinforced hollow fiber membranes: A comprehensive review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 122, 284-310	5.3	11
365	Molecular dynamics simulation for investigating and assessing reaction conditions between carboxylated polyethersulfone and polyethyleneimine. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51304	2.9	
364	Fabrication of biodegradable cellulose acetate/MOF-derived porous carbon nanocomposite adsorbent for methylene blue removal from aqueous solutions. <i>Journal of Solid State Chemistry</i> , 2021 , 299, 122180	3.3	5
363	Enhanced performance and fouling resistance of cellulose acetate forward osmosis membrane with the spatial distribution of TiO ₂ and Al ₂ O ₃ nanoparticles. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 147-162	3.5	7

362	High-flux PVDF/PVP nanocomposite ultrafiltration membrane incorporated with graphene oxide nanoribbons with improved antifouling properties. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49718 ^{2,9}		21
361	Enhanced dynamic Cu(II) ion removal using hot-pressed chitosan / poly (vinyl alcohol) electrospun nanofibrous affinity membrane (ENAM). <i>Chemical Engineering Research and Design</i> , 2021 , 146, 329-337	5.5	17
360	Synthesis and characterization of novel thin film composite forward osmosis membrane using charcoal-based carbon nanomaterials for desalination application. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104880	6.8	16
359	Polyvinyl alcohol/polyethersulfone thin-film nanocomposite membranes with carbon nanomaterials incorporated in substrate for water treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104650	6.8	18
358	Metal-organic framework/zeolite nanocrystal/polyvinylidene fluoride composite ultrafiltration membranes with flux/antifouling advantages. <i>Materials Chemistry and Physics</i> , 2021 , 260, 124128	4.4	15
357	PES electrospun fibrous membrane for oily wastewater treatment: Fabrication condition optimization using response surface methodology. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 886-899 ²		2
356	Application of Mg-Al LDH nanoparticles to enhance flux, hydrophilicity and antifouling properties of PVDF ultrafiltration membrane: Experimental and modeling studies. <i>Separation and Purification Technology</i> , 2021 , 257, 117931	8.3	20
355	Membrane Fouling in Desalination. <i>Advances in Science, Technology and Innovation</i> , 2021 , 39-52	0.3	0
354	Polymer Matrix Composites Materials for Water and Wastewater Treatment Applications 2021 , 983-997		1
353	Effect of halloysite nanotubes incorporation on morphology and CO ₂ /CH ₄ separation performance of Pebax-based membranes. <i>Korean Journal of Chemical Engineering</i> , 2021 , 38, 104-113	2.8	6
352	Polyvinylidene Fluoride/Nanoclays (Cloisite 30B and Palygorskite) Mixed Matrix Membranes with Improved Performance and Antifouling Properties. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 12078-12091	3.9	3
351	Fabrication of magnetic field induced mixed matrix membranes containing GO/Fe ₃ O ₄ nanohybrids with enhanced antifouling properties for wastewater treatment applications. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105675	6.8	7
350	Novel Plasma Functionalized Graphene Nanoplatelets (GNPs) incorporated in forward osmosis substrate with improved performance and tensile strength. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105708	6.8	2
349	Preparation and characterization of asymmetric hollow fiber polyvinyl chloride (PVC) membrane for forward osmosis application. <i>Separation and Purification Technology</i> , 2021 , 270, 118801	8.3	9
348	Improving permeability, hydrophilicity and antifouling characteristic of PES hollow fiber UF membrane using carboxylic PES: A promising substrate to fabricate NF layer. <i>Separation and Purification Technology</i> , 2021 , 270, 118811	8.3	12
347	Development of cellulose acetate/metal-organic framework derived porous carbon adsorptive membrane for dye removal applications. <i>Journal of Membrane Science</i> , 2021 , 638, 119692	9.6	6
346	Preparation and characterization of poly(vinylidene fluoride)-13X zeolite mixed matrix membranes for lithium ion batteries separator with enhanced performance. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49367	2.9	8
345	A positively charged composite loose nanofiltration membrane for water purification from heavy metals. <i>Journal of Membrane Science</i> , 2020 , 611, 118205	9.6	48

344	Nanostructured membranes for water treatments 2020 , 129-150		2
343	Numerical simulation of CO ₂ / H ₂ S simultaneous removal from natural gas using potassium carbonate aqueous solution in hollow fiber membrane contactor. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104130	6.8	16
342	Optimizing of malachite green extraction from aqueous solutions using hydrophilic and hydrophobic nanoparticles. <i>Journal of Molecular Liquids</i> , 2020 , 308, 113014	6	19
341	Carbon nanotubes-polymer nanocomposite membranes for pervaporation 2020 , 105-133		6
340	Preparation of positively charged thin-film nanocomposite membranes based on the reaction between hydrolyzed polyacrylonitrile containing carbon nanomaterials and HPEI for water treatment application. <i>Separation and Purification Technology</i> , 2020 , 242, 116826	8.3	26
339	Polyacrylonitrile/Fe ₂ O ₃ Hybrid Photocatalytic Composite Adsorbents for Enhanced Dye Removal. <i>Chemical Engineering and Technology</i> , 2020 , 43, 1214-1223	2	4
338	Developing novel thin film composite membrane on a permeate spacer backing fabric for forward osmosis. <i>Chemical Engineering Research and Design</i> , 2020 , 160, 326-334	5.5	8
337	High-performance positively charged hollow fiber nanofiltration membranes fabricated via green approach towards polyethyleneimine layer assembly. <i>Separation and Purification Technology</i> , 2020 , 251, 117313	8.3	13
336	Preparation of 13X zeolite powder and membrane: investigation of synthesis parameters impacts using experimental design. <i>Materials Research Express</i> , 2020 , 7, 035004	1.7	5
335	Divalent heavy metal ions removal from contaminated water using positively charged membrane prepared from a new carbon nanomaterial and HPEI. <i>Chemical Engineering Journal</i> , 2020 , 388, 124192	14.7	52
334	Preparation of a positively charged NF membrane by evaporation deposition and the reaction of PEI on the surface of the C-PES/PES blend UF membrane. <i>Progress in Organic Coatings</i> , 2020 , 141, 105570	4.8	5
333	One-dimensional graphene for efficient aqueous heavy metal adsorption: Rapid removal of arsenic and mercury ions by graphene oxide nanoribbons (GONRs). <i>Chemosphere</i> , 2020 , 253, 126647	8.4	53
332	Sustainable management of saline oily wastewater via forward osmosis using aquaporin membrane. <i>Chemical Engineering Research and Design</i> , 2020 , 138, 199-207	5.5	23
331	Development of advanced nanocomposite membranes by carbon-based nanomaterials (CNTs and GO) 2020 , 145-162		0
330	Bio-inspired anchoring of amino-functionalized multi-wall carbon nanotubes (N-MWCNTs) onto PES membrane using polydopamine for oily wastewater treatment. <i>Science of the Total Environment</i> , 2020 , 711, 134951	10.2	29
329	Nanomaterials for fouling-resistant RO membranes 2020 , 151-184		0
328	One-Step and Low-Cost Designing of Two-Layered Active-Layer Superhydrophobic Silicalite-1/PDMS Membrane for Simultaneously Achieving Superior Bioethanol Pervaporation and Fouling/Biofouling Resistance. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56587-56603	9.5	8
327	Synthesis of novel thin film composite (TFC) forward osmosis (FO) membranes incorporated with carboxylated carbon nanofibers (CNFs). <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104614	6.8	18

326	Preparation of PEBAX-1074/modified ZIF-8 nanoparticles mixed matrix membranes for CO ₂ removal from natural gas. <i>Separation and Purification Technology</i> , 2020 , 231, 115900	8.3	22
325	Transport phenomena through nanocomposite membranes 2020 , 91-112		
324	Influence of TiO ₂ nanoparticles loading on permeability and antifouling properties of nanocomposite polymeric membranes: experimental and statistical analysis. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	4
323	Assessing biomimetic aquaporin membrane for forward osmosis desalination process: A dataset. <i>Data in Brief</i> , 2019 , 26, 104482	1.2	2
322	A comprehensive comparative study on morphology and pervaporative performance of porous-supported mesoporous zeolitic membranes. <i>Microporous and Mesoporous Materials</i> , 2019 , 280, 174-186	5.3	2
321	Preparation of thin film composite nano-filtration membranes for brackish water softening based on the reaction between functionalized UF membranes and polyethyleneimine. <i>Journal of Membrane Science</i> , 2019 , 588, 117207	9.6	22
320	Kaolinitic clay-based ceramic microfiltration membrane for oily wastewater treatment: Assessment of coagulant addition. <i>Ceramics International</i> , 2019 , 45, 17826-17836	5.1	24
319	Preparation, characterization and fouling analysis of in-air hydrophilic/underwater oleophobic bio-inspired polydopamine coated PES membranes for oily wastewater treatment. <i>Journal of Membrane Science</i> , 2019 , 582, 402-413	9.6	55
318	Empirical modeling coupled with pore blocking for predicting cake formation of electric field effects on oily waste water cross-flow microfiltration. <i>Journal of Membrane Science</i> , 2019 , 584, 120-136	9.6	6
317	Effect of TiO ₂ loading on the morphology and CO ₂ /CH ₄ separation performance of PEBAX-based membranes. <i>Frontiers of Chemical Science and Engineering</i> , 2019 , 13, 517-530	4.5	13
316	Preparation of 4A zeolite coated polypropylene membrane for lithium-ion batteries separator. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47841	2.9	19
315	Synthesis and modification of Zeolitic Imidazolate Framework (ZIF-8) nanoparticles as highly efficient adsorbent for H ₂ S and CO ₂ removal from natural gas. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103058	6.8	23
314	Barrier, Diffusion, and Transport Properties of Rubber Nanocomposites Containing Carbon Nanofillers 2019 , 253-285		5
313	Effect of surface charge and roughness on ultrafiltration membranes performance and polyelectrolyte nanofiltration layer assembly. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 580, 123753	5.1	24
312	Fast, facile and scalable fabrication of novel microporous silicalite-1/PDMS mixed matrix membranes for efficient ethanol separation by pervaporation. <i>Separation and Purification Technology</i> , 2019 , 229, 115820	8.3	12
311	Preparation of novel cross-linked graphene oxide membrane for desalination applications using (EDC and NHS)-activated graphene oxide and PEI. <i>Desalination</i> , 2019 , 468, 114079	10.3	37
310	Superhydrophilic and underwater superoleophobic membranes - A review of synthesis methods. <i>Progress in Polymer Science</i> , 2019 , 98, 101166	29.6	127
309	Multi-phenomenal macroscopic investigation of cross-flow membrane flux in microfiltration of oil-in-water emulsion, experimental & computational. <i>Journal of Water Process Engineering</i> , 2019 , 32, 100962	6.7	6

308	Assessing the Binding Performance of Amyloid-Carbon Membranes toward Heavy Metal Ions. <i>Langmuir</i> , 2019 , 35, 4161-4170	4	46
307	Water desalination via novel positively charged hybrid nanofiltration membranes filled with hyperbranched polyethyleneimine modified MWCNT. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 69, 127-140	6.3	48
306	Hydrous metal oxide incorporated polyacrylonitrile-based nanocomposite membranes for Cu(II) ions removal. <i>Separation and Purification Technology</i> , 2019 , 213, 151-161	8.3	15
305	Application of Colloidal Precipitation Method Using Sodium Polymethacrylate as Dispersant for TiO ₂ /PVDF Membrane Preparation and Its Antifouling Properties. <i>Polymer Engineering and Science</i> , 2019 , 59, E422-E434	2.3	6
304	Introducing sorption coefficient through extended UNIQUAC and Flory-Huggins models for improved flux prediction in forward osmosis. <i>Chemical Engineering Science</i> , 2019 , 198, 33-42	4.4	7
303	Selective Removal of H ₂ S from Gas Streams with High CO ₂ Concentration Using Hollow-Fiber Membrane Contactors. <i>Chemical Engineering and Technology</i> , 2019 , 42, 196-208	2	7
302	Synthesis, characterization and performance evaluation of an optimized ceramic membrane with physical separation and photocatalytic degradation capabilities. <i>Ceramics International</i> , 2018 , 44, 10281-10292	5.1	15
301	Influence of non-wetting, partial wetting and complete wetting modes of operation on hydrogen sulfide removal utilizing monoethanolamine absorbent in hollow fiber membrane contactor. <i>Sustainable Environment Research</i> , 2018 , 28, 186-196	3.8	23
300	The effect of membrane pores wettability on CO ₂ removal from CO ₂ /CH ₄ gaseous mixture using NaOH, MEA and TEA liquid absorbents in hollow fiber membrane contactor. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 1845-1861	3.2	37
299	Modeling and simulation of CO ₂ separation from CO ₂ /CH ₄ gaseous mixture using potassium glycinate, potassium arginate and sodium hydroxide liquid absorbents in the hollow fiber membrane contactor. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1500-1511	6.8	38
298	Effects of nanofillers on the characteristics and performance of PEBA-based mixed matrix membranes. <i>Reviews in Chemical Engineering</i> , 2018 , 34, 797-836	5	19
297	Morphology and performance of poly(vinylidene fluoride) flat sheet membranes: Thermodynamic and kinetic aspects. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46419	2.9	6
296	Effect of hydrophobic and hydrophilic nanoparticles loaded in D2EHPA/M2EHPA - PTFE supported liquid membrane for simultaneous cationic dyes pertraction. <i>Journal of Environmental Management</i> , 2018 , 213, 288-296	7.9	10
295	Experimental investigation and mathematical modeling of CO ₂ sequestration from CO ₂ /CH ₄ gaseous mixture using MEA and TEA aqueous absorbents through polypropylene hollow fiber membrane contactor. <i>Journal of Membrane Science</i> , 2018 , 565, 1-13	9.6	41
294	Separation via Pervaporation Techniques Through Polymeric Membranes 2018 , 243-263		12
293	Wastewaters treatment containing phenol and ammonium using aerobic submerged membrane bioreactor. <i>Chemistry Central Journal</i> , 2018 , 12, 79		17
292	Experimental investigation of oil-in-water microfiltration assisted by Dielectrophoresis: Operational condition optimization. <i>Chemical Engineering Research and Design</i> , 2018 , 137, 421-433	5.5	12
291	High Loaded Synthetic Hazardous Wastewater Treatment Using Lab-Scale Submerged Ceramic Membrane Bioreactor. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018 , 62, 299-304	1.3	35

290	Synthesis and functionalization of graphene oxide (GO) for salty water desalination as adsorbent. <i>Chemical Engineering Research and Design</i> , 2018 , 138, 358-365	5.5	26
289	Fundamentals and Measurement Techniques for Gas Transport in Polymers 2018 , 391-423		15
288	Effect of amine modification on morphology and performance of poly (ether-block-amide)/fumed silica nanocomposite membranes for CO ₂ /CH ₄ separation. <i>Materials Chemistry and Physics</i> , 2018 , 205, 303-314	4.4	37
287	Effective treatment of dye wastewater via positively charged TETA-MWCNT/PES hybrid nanofiltration membranes. <i>Separation and Purification Technology</i> , 2018 , 194, 488-502	8.3	84
286	Molecular modeling of the gaseous penetrants permeabilities through 4A, DDR and silicalite-1 zeolites incorporated in mixed matrix membranes. <i>Separation Science and Technology</i> , 2018 , 53, 910-927 ^{2.5}		3
285	An experimental study for finding the best condition for PHI zeolite synthesis using Taguchi method for gas separation. <i>Chemical Papers</i> , 2018 , 72, 1139-1149	1.9	4
284	Ceramic monolith as microfiltration membrane: Preparation, characterization and performance evaluation. <i>Applied Clay Science</i> , 2018 , 161, 456-463	5.2	28
283	Assessment of a Thermally Modified Cellulose Acetate Forward-Osmosis Membrane Using Response Surface Methodology. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1706-1715	2	21
282	Chitosan/ZIF-8 Mixed-Matrix Membranes for Pervaporation Dehydration of Isopropanol. <i>Chemical Engineering and Technology</i> , 2017 , 40, 648-655	2	25
281	CO ₂ /CH ₄ separation using mixed matrix membrane-based polyurethane incorporated with ZIF-8 nanoparticles. <i>Chemical Papers</i> , 2017 , 71, 1839-1853	1.9	20
280	Application of polyhedral oligomeric silsesquioxane to the stabilization and performance enhancement of poly(4-methyl-2-pentyne) nanocomposite membranes for natural gas conditioning. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45158	2.9	16
279	Sorption, diffusion and pervaporation study of thiophene/ n -heptane mixture through self-support PU/PEG blend membrane. <i>Separation and Purification Technology</i> , 2017 , 185, 112-119	8.3	19
278	Fabrication optimization of polyethersulfone (PES)/polyvinylpyrrolidone (PVP) nanofiltration membranes using BoxBehnken response surface method. <i>RSC Advances</i> , 2017 , 7, 24995-25008	3.7	32
277	Methods for the Preparation of OrganicInorganic Nanocomposite Polymer Electrolyte Membranes for Fuel Cells 2017 , 311-325		27
276	Synthesis of a PEBA-X-1074/ZnO nanocomposite membrane with improved CO ₂ separation performance. <i>Journal of Energy Chemistry</i> , 2017 , 26, 454-465	12	53
275	A CFD model for prediction of critical electric potential preventing membrane fouling in oily waste water treatment. <i>Journal of Membrane Science</i> , 2017 , 539, 320-328	9.6	9
274	Performance evaluation of a synthesized and characterized Pebax1657/PEG1000/EAl ₂ O ₃ membrane for CO ₂ /CH ₄ separation using response surface methodology. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	20
273	Heat of Sorption of Gases in Glassy Polymers: Prediction via Applying Physical Properties of the Penetrants and Polymers. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1433-1439	2.8	12

272	Simulation of Carbon Dioxide Removal by Three Amine Mixture of Diethanolamine, Methyldiethanolamine, and 2-Amino- 2-Methyl-1-Propanol in a Hollow Fiber Membrane Contactor Using Computational Fluid Dynamics. <i>Periodica Polytechnica: Chemical Engineering</i> , 2017 , 61, 227	1.3	
271	Investigation of H ₂ S and CO ₂ Removal from Gas Streams Using Hollow Fiber Membrane Gas-Liquid Contactors. <i>Chemical and Biochemical Engineering Quarterly</i> , 2017 , 31, 139-144	1.8	7
270	Optimal conditions of porous ceramic membrane synthesis based on alkali activated blast furnace slag using Taguchi method. <i>Ceramics International</i> , 2017 , 43, 14369-14379	5.1	25
269	Effects of low and high molecular mass PEG incorporation into different types of poly(ether-b-amide) copolymers on the permeation properties of CO ₂ and CH ₄ . <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	23
268	Improved CO ₂ /CH ₄ separation using a nanocomposite ionic liquid gel membrane. <i>Journal of Natural Gas Science and Engineering</i> , 2017 , 46, 275-288	4.6	31
267	Effective hydrogen purification from methane via polyimide Matrimid [®] 5218- Deca-dodecyl 3R type zeolite mixed matrix membrane. <i>Energy</i> , 2017 , 141, 2100-2107	7.9	14
266	Synthesis and characterization of poly(ether-block-amide) copolymers/multi-walled carbon nanotube nanocomposite membranes for CO ₂ /CH ₄ separation. <i>Korean Journal of Chemical Engineering</i> , 2017 , 34, 2459-2470	2.8	32
265	Modified poly(vinyl alcohol)/chitosan blended membranes for isopropanol dehydration via pervaporation: Synthesis optimization and modeling by response surface methodology. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	11
264	High speed spin coating in fabrication of Pebax 1657 based mixed matrix membrane filled with ultra-porous ZIF-8 particles for CO ₂ /CH ₄ separation. <i>Korean Journal of Chemical Engineering</i> , 2017 , 34, 440-453	2.8	40
263	Synthesis of a new nanocomposite membrane (PEBAX-1074/PEG-400/TiO ₂) in order to separate CO ₂ from CH ₄ . <i>Journal of Natural Gas Science and Engineering</i> , 2017 , 37, 39-51	4.6	61
262	Pebax membrane for CO ₂ /CH ₄ separation: Effects of various solvents on morphology and performance. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	51
261	Comparison of permeability performance of PEBAX-1074/TiO ₂ , PEBAX-1074/SiO ₂ and PEBAX-1074/Al ₂ O ₃ nanocomposite membranes for CO ₂ /CH ₄ separation. <i>Chemical Engineering Research and Design</i> , 2017 , 117, 177-189	5.5	90
260	Novel amine modification of ZIF-8 for improving simultaneous removal of cationic dyes from aqueous solutions using supported liquid membrane. <i>Journal of Molecular Liquids</i> , 2017 , 225, 800-809	6	33
259	Mathematical modeling for the simultaneous absorption of CO ₂ and SO ₂ using MEA in hollow fiber membrane contactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017 , 111, 35-45	3.7	28
258	Facilitated transport of Europium through supported liquid membrane using Cyanex272 as carrier and mass transfer modelling. <i>Canadian Journal of Chemical Engineering</i> , 2017 , 95, 524-534	2.3	6
257	Ionic liquid-modified Pebax [®] 1657 membrane filled by ZIF-8 particles for separation of CO ₂ from CH ₄ , N ₂ and H ₂ . <i>Journal of Membrane Science</i> , 2017 , 524, 652-662	9.6	100
256	Surface modification of PVDF membranes by sputtered TiO ₂ : fouling reduction potential in membrane bioreactors. <i>Desalination and Water Treatment</i> , 2016 , 57, 3328-3338		14
255	Solution diffusion modeling of a composite PVA/fumed silica ceramic supported membrane. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016 , 109, 11-19	3.7	16

254	Innovative layer by layer and continuous growth methods for synthesis of ZIF-8 membrane on porous polymeric support using poly(ether-block-amide) as structure directing agent for gas separation. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 43-54	5.3	42
253	Microscopic modeling of critical pressure of permeation in oily waste water treatment via membrane filtration. <i>RSC Advances</i> , 2016 , 6, 71744-71756	3.7	23
252	Synthesis and gas transport properties of crosslinked poly(dimethylsiloxane) nanocomposite membranes using octatrimethylsiloxy POSS nanoparticles. <i>Journal of Natural Gas Science and Engineering</i> , 2016 , 30, 10-18	4.6	67
251	CO ₂ /CH ₄ separation by high performance co-casted ZIF-8/Pebax 1657/PES mixed matrix membrane. <i>Journal of Natural Gas Science and Engineering</i> , 2016 , 31, 562-574	4.6	86
250	Preparation of mullite ceramic microfilter membranes using Response surface methodology based on central composite design. <i>Ceramics International</i> , 2016 , 42, 8155-8164	5.1	26
249	Preparation and characterization of Alumina ceramic ultrafiltration membranes for pretreatment of oily wastewater. <i>Desalination and Water Treatment</i> , 2016 , 57, 24322-24332		26
248	PVA/PES-amine-functional graphene oxide mixed matrix membranes for CO ₂ /CH ₄ separation: Experimental and modeling. <i>Chemical Engineering Research and Design</i> , 2016 , 109, 647-656	5.5	31
247	Utilization of Pebax 1657 as structure directing agent in fabrication of ultra-porous ZIF-8. <i>Journal of Solid State Chemistry</i> , 2016 , 235, 212-216	3.3	15
246	Dye removal using 4A-zeolite/polyvinyl alcohol mixed matrix membrane adsorbents: preparation, characterization, adsorption, kinetics, and thermodynamics. <i>Research on Chemical Intermediates</i> , 2016 , 42, 5309-5328	2.8	27
245	Copper ions removal from aqueous solutions using acid-chitosan functionalized carbon nanotubes sheets. <i>Desalination and Water Treatment</i> , 2016 , 57, 15384-15396		27
244	Preparation and characterization of PVDF/TiO ₂ composite ultrafiltration membranes using mixed solvents. <i>Membrane Water Treatment</i> , 2016 , 7, 377-401		5
243	Ceramic membrane synthesis based on alkali activated blast furnace slag for separation of water from ethanol. <i>Ceramics International</i> , 2016 , 42, 15568-15574	5.1	14
242	Mathematical modeling of the gas transport through PEBAX/(nonporous silica) nanocomposite membranes: Development based on Van Amerongen and Van Krevelen relations. <i>Separation and Purification Technology</i> , 2016 , 170, 280-293	8.3	12
241	Cr(VI) ion removal from artificial waste water using supported liquid membrane. <i>Chemical Papers</i> , 2016 , 70,	1.9	12
240	Pertraction of l-lysine by supported liquid membrane using D2EHPA/M2EHPA. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016 , 106, 50-58	3.7	17
239	Experimental investigation and modeling of industrial oily wastewater treatment using modified polyethersulfone ultrafiltration hollow fiber membranes. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1101-1118	2.8	10
238	Experimental and computational investigation of polyacrylonitrile ultrafiltration membrane for industrial oily wastewater treatment. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 159-167	2.8	16
237	Gas permeation, sorption and diffusion through PEBA/SiO ₂ nanocomposite membranes (chemical surface modification of nanoparticles). <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 9723-9732	6.7	52

236	Synthesis and gas transport performance of MIL-101/Matrimid mixed matrix membranes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 29, 249-256	6.3	42
235	Copper ions removal from water using functionalized carbon nanotubes/hullite composite as adsorbent. <i>Materials Research Bulletin</i> , 2015 , 68, 54-59	5.1	25
234	Novel crosslinked and zeolite-filled polyvinyl alcohol membrane adsorbents for dye removal. <i>Research on Chemical Intermediates</i> , 2015 , 41, 9845-9862	2.8	17
233	CO ₂ separation performance of poly(ether-b-amide6)/PTMEG blended membranes: Permeation and sorption properties. <i>Chemical Engineering Research and Design</i> , 2015 , 98, 96-106	5.5	60
232	Synergistic extraction and separation of Dysprosium and Europium by supported liquid membrane. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1642-1648	2.8	16
231	Using a New Model for Prediction of Gas Permeability through MMMs: Considering Effects of Particles Shape, Polymer Chain Rigidification, Partial Pore Blockage, and Void Formation. <i>Separation Science and Technology</i> , 2015 , 150527095459001	2.5	1
230	Preparation and Performance Evaluation of Polyethersulfone Hollow Fiber Membranes for Ultrafiltration Processes. <i>Polymer-Plastics Technology and Engineering</i> , 2015 , 54, 1468-1482		3
229	Synergistic interactions between POSS and fumed silica and their effect on the properties of crosslinked PDMS nanocomposite membranes. <i>RSC Advances</i> , 2015 , 5, 82460-82470	3.7	99
228	Adsorption Behavior of Cu(II) Ions on Crosslinked Chitosan/Polyvinyl Alcohol Ion Imprinted Membrane. <i>Journal of Dispersion Science and Technology</i> , 2015 , 36, 190-195	1.5	16
227	Adsorption of Zinc and Lead Ions from Aqueous Solutions Using Chitosan/Polyvinyl Alcohol Membrane Incorporated via Acid-Functionalized Carbon Nanotubes. <i>Journal of Dispersion Science and Technology</i> , 2015 , 36, 1793-1798	1.5	22
226	Gas transport properties of reverse-selective poly(ether-b-amide6)/[Emim][BF ₄] gel membranes for CO ₂ /light gases separation. <i>Journal of Membrane Science</i> , 2015 , 476, 286-302	9.6	105
225	Treatment of bentazon herbicide solutions by vacuum membrane distillation. <i>Journal of Water Process Engineering</i> , 2015 , 8, e17-e22	6.7	8
224	Improved antifouling properties of TiO ₂ /PVDF nanocomposite membranes in UV-coupled ultrafiltration. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	48
223	Analysis of BSA, dextran and humic acid fouling during microfiltration, experimental and modeling. <i>Food and Bioproducts Processing</i> , 2015 , 94, 331-341	4.9	15
222	Simulation of momentum, heat and mass transfer in direct contact membrane distillation: A computational fluid dynamics approach. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 21, 1379-1382	6.3	36
221	Asymmetric polyethersulfone ultrafiltration membranes for oily wastewater treatment: Synthesis, characterization, ANFIS modeling, and performance. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 170-178	6.8	62
220	Optimization of vacuum membrane distillation parameters for water desalination using BoxBehnken design. <i>Desalination and Water Treatment</i> , 2015 , 56, 2306-2315		9
219	Analysis of heat and mass transfer in vacuum membrane distillation for water desalination using computational fluid dynamics (CFD). <i>Desalination and Water Treatment</i> , 2015 , 55, 39-52		16

218	Theoretical modeling of direct contact membrane distillation (DCMD): effects of operation parameters on flux. <i>Desalination and Water Treatment</i> , 2015 , 56, 2013-2022		8
217	An investigation on manufacturing of alumina microfiltration membranes. <i>Desalination and Water Treatment</i> , 2015 , 53, 2429-2436		8
216	Performance of PVA/NaA Mixed Matrix Membrane for Removal of Water from Ethylene Glycol Solutions by Pervaporation. <i>Chemical Engineering Communications</i> , 2015 , 202, 316-321	2.2	65
215	PES and PES/PAN Blend Ultrafiltration Hollow Fiber Membranes for Oily Wastewater Treatment: Preparation, Experimental Investigation, Fouling, and Modeling. <i>Advances in Polymer Technology</i> , 2015 , 34, n/a-n/a	1.9	10
214	Dysprosium pertraction through facilitated supported liquid membrane using D2EHPA as carrier. <i>Chemical Papers</i> , 2015 , 69,	1.9	16
213	Intensification of Europium extraction through a supported liquid membrane using mixture of D2EHPA and Cyanex272 as carrier. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015 , 92, 18-24	3.7	37
212	Assessment of Urtica as a low-cost adsorbent for methylene blue removal: kinetic, equilibrium, and thermodynamic studies. <i>Chemical Papers</i> , 2015 , 69,	1.9	6
211	Supported liquid membrane incorporated with carbon nanotubes for the extraction of Europium using Cyanex272 as carrier. <i>Chemical Engineering Research and Design</i> , 2015 , 100, 81-88	5.5	31
210	Mass transfer modeling of desalination through an electro dialysis cell. <i>Desalination</i> , 2015 , 359, 41-51	10.3	45
209	Nickel ions removal from water by two different morphologies of induced CNTs in mullite pore channels as adsorptive membrane. <i>Ceramics International</i> , 2015 , 41, 5464-5472	5.1	25
208	Synthesis of NaA and NaX Zeolite Membranes by Fumed Silica Via Clear Solution Gel. <i>Separation Science and Technology</i> , 2015 , 50, 136-141	2.5	5
207	Synthesis and characterization of ceramic/carbon nanotubes composite adsorptive membrane for copper ion removal from water. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 292-298	2.8	24
206	Separation of Cd(II) and Ni(II) ions by supported liquid membrane using D2EHPA/M2EHPA as mobile carrier. <i>Chemical Papers</i> , 2014 , 68,	1.9	10
205	Cu(II) removal enhancement from aqueous solutions using ion-imprinted membrane technique. <i>Chemical Papers</i> , 2014 , 68,	1.9	10
204	Improvement of Zeolite T Membrane via Clear Solution Gel in Dehydration of Methanol, Ethanol, and 2-Propanol. <i>Separation Science and Technology</i> , 2014 , 49, 797-802	2.5	8
203	Bio-film and bio-entrapped hybrid membrane bioreactors in wastewater treatment: Comparison of membrane fouling and removal efficiency. <i>Desalination</i> , 2014 , 337, 16-22	10.3	29
202	PHENOLIC WASTEWATER TREATMENT BY SUPPORTED LIQUID MEMBRANE USING DIFFERENT COOKING OILS AS LIQUID MEMBRANE. <i>Chemical Engineering Communications</i> , 2014 , 201, 1593-1605	2.2	9
201	Hydrothermal synthesis of hydroxy sodalite zeolite membrane: Separation of H ₂ /CH ₄ . <i>Ceramics International</i> , 2014 , 40, 5889-5896	5.1	41

200	Potential Separation of SF6 from Air Using Chabazite Zeolite Membranes. <i>Chemical Engineering and Technology</i> , 2014 , 37, 317-324	2	9
199	Novel Poly(vinyl alcohol)/Multiwalled Carbon Nanotube Nanocomposite Membranes for Pervaporation Dehydration of Isopropanol: Poly(sodium 4-styrenesulfonate) as a Functionalization Agent. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 12819-12829	3.9	40
198	Diffusive transport of Cu(II) ions through thin ion imprinted polymeric membranes. <i>Chemical Papers</i> , 2014 , 68,	1.9	10
197	Prediction of CO2/CH4 permeability through Sigma-1-Matrimid-5218 MMMs using the Maxwell model. <i>Journal of Membrane Science</i> , 2014 , 466, 265-273	9.6	21
196	Modeling of suspension fouling in nanofiltration. <i>Desalination</i> , 2014 , 346, 80-90	10.3	5
195	Taguchi optimization approach for phenolic wastewater treatment by vacuum membrane distillation. <i>Desalination and Water Treatment</i> , 2014 , 52, 1341-1349		31
194	Ternary gas permeation through synthesized pdms membranes: Experimental and CFD simulation based on sorption-dependent system using neural network model. <i>Polymer Engineering and Science</i> , 2014 , 54, 215-226	2.3	49
193	Hydrothermal Synthesis of Nanosized Zeolite T Crystals. <i>Particulate Science and Technology</i> , 2014 , 32, 8-19	2	7
192	A Novel Chemical Surface Modification for the Fabrication of PEBA/SiO2 Nanocomposite Membranes To Separate CO2 from Syngas and Natural Gas Streams. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 17476-17486	3.9	68
191	Synthetic PDMS composite membranes for pervaporation dehydration of ethanol. <i>Desalination and Water Treatment</i> , 2014 , 1-8		24
190	Methylene blue adsorption onto granular activated carbon prepared from Harmal seeds residue. <i>Desalination and Water Treatment</i> , 2014 , 52, 2643-2653		15
189	Evaluation of pervaporation condition and synthesis gels for NaA zeolite membranes. <i>Desalination and Water Treatment</i> , 2014 , 52, 2966-2974		1
188	Synthesis and characterization of ultrafine sub-micron Na-LTA zeolite particles prepared via hydrothermal template-free method. <i>Ceramics International</i> , 2014 , 40, 12075-12080	5.1	15
187	Stability and extraction study of phenolic wastewater treatment by supported liquid membrane using tributyl phosphate and sesame oil as liquid membrane. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 375-383	5.5	73
186	Sol-gel synthesis of nanostructured titania-silica mesoporous membranes with photo-degradation and physical separation capacities for water purification. <i>Ceramics International</i> , 2014 , 40, 1747-1757	5.1	25
185	Preparation of alloyed poly(ether block amide)/poly(ethylene glycol diacrylate) membranes for separation of CO2/H2 (syngas application). <i>Journal of Membrane Science</i> , 2014 , 458, 14-26	9.6	123
184	Synthesis and Characterization of Ceramic Membranes (W-Type Zeolite Membranes). <i>International Journal of Applied Ceramic Technology</i> , 2013 , 10, 365-375	2	6
183	Experimental and ANFIS modeling for fouling analysis of oily wastewater treatment using ultrafiltration. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013 , 8, 527-538	1.3	22

182	Pertraction of methylene blue using a mixture of D2EHPA/M2EHPA and sesame oil as a liquid membrane. <i>Chemical Papers</i> , 2013 , 67,	1.9	23
181	Effects of poly (allylamine hydrochloride) as a new functionalization agent for preparation of poly vinyl alcohol/multiwalled carbon nanotubes membranes. <i>Journal of Membrane Science</i> , 2013 , 447, 315-324	9.6	31
180	Defect formation and prevention during the preparation of supported carbon membranes. <i>New Carbon Materials</i> , 2013 , 28, 369-377	4.4	10
179	Mathematical modeling of mass transfer in multicomponent gas mixture across the synthesized composite polymeric membrane. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 870-885	6.3	34
178	Gas sorption in H ₂ -selective mixed matrix membranes: Experimental and neural network modeling. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 14035-14041	6.7	68
177	Effects of CNTs Content on Physicochemical and Pervaporation Separation Properties of PVA Membranes. <i>Separation Science and Technology</i> , 2013 , 48, 716-727	2.5	17
176	Integrated membrane pilot plant for refinery wastewater treatment in order to produce boiler feedwater. <i>Desalination and Water Treatment</i> , 2013 , 51, 2543-2553		8
175	Pertraction of cadmium and zinc ions using a supported liquid membrane impregnated with different carriers. <i>Chemical Papers</i> , 2013 , 67,	1.9	17
174	Investigation of H ₂ S separation from H ₂ S/CH ₄ mixtures using functionalized and non-functionalized vertically aligned carbon nanotube membranes. <i>Applied Surface Science</i> , 2013 , 270, 115-123	6.7	23
173	Template free crystallization of zeolite Rho via Hydrothermal synthesis: Effects of synthesis time, synthesis temperature, water content and alkalinity. <i>Ceramics International</i> , 2013 , 39, 7149-7158	5.1	32
172	Gas separation performance of carbon materials produced from phenolic resin: Effects of carbonization temperature and ozone post treatment. <i>New Carbon Materials</i> , 2013 , 28, 39-46	4.4	5
171	Tubular composite PVA ceramic supported membrane for bio-ethanol production. <i>Chemical Engineering Research and Design</i> , 2013 , 91, 2703-2712	5.5	23
170	Pervaporation study of ethylene glycol dehydration through synthesized (PVA/AA)/polypropylene mixed matrix composite membranes. <i>Polymer Engineering and Science</i> , 2013 , 53, 1487-1493	2.3	72
169	Investigations on hydrothermal synthesis parameters in preparation of nanoparticles of LTA zeolite with the aid of TMAOH. <i>Powder Technology</i> , 2013 , 237, 442-449	5.2	26
168	Transient computational fluid dynamics modeling of pervaporation separation of aromatic/aliphatic hydrocarbon mixtures using polymer composite membrane. <i>Polymer Engineering and Science</i> , 2013 , 53, 1494-1501	2.3	51
167	Preparation and characterization of SAPO-34 [Matrimid] 5218 mixed matrix membranes for CO ₂ /CH ₄ separation. <i>Chemical Engineering Research and Design</i> , 2013 , 91, 1335-1342	5.5	55
166	Optimization of synthesis conditions for preparation of ceramic (A-type zeolite) membranes in dehydration of ethylene glycol. <i>Ceramics International</i> , 2013 , 39, 6971-6979	5.1	9
165	Dehydration of ethylene glycol by pervaporation using gamma alumina/NaA zeolite composite membrane. <i>Chemical Engineering Research and Design</i> , 2013 , 91, 2412-2419	5.5	13

164	Gas permeation through H ₂ -selective mixed matrix membranes: Experimental and neural network modeling. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 1128-1135	6.7	87
163	Nano-porous membrane process for oily wastewater treatment: Optimization using response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 218-225	6.8	65
162	Modification of ideal MMMs permeation prediction models: Effects of partial pore blockage and polymer chain rigidification. <i>Journal of Membrane Science</i> , 2013 , 427, 399-410	9.6	30
161	Fabrication and characterization of highly crystalline mordenite membranes on alumina disks via a seeded in situ template-free hydrothermal treatment. <i>Adsorption</i> , 2013 , 19, 903-908	2.6	2
160	Synthesis of Nanostructured Anatase Mesoporous Membranes with Photocatalytic and Separation Capabilities for Water Ultrafiltration Process. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-11	2.1	6
159	CFD simulation of baffles arrangement for gelatin-water ultrafiltration in rectangular channel. <i>Desalination</i> , 2012 , 284, 288-296	10.3	21
158	Effect of ultrasonic waves on flux enhancement in microfiltration of milk. <i>Journal of Food Engineering</i> , 2012 , 108, 77-86	6	49
157	Recovery of alcohols from water using polydimethylsiloxane/silica nanocomposite membranes: Characterization and pervaporation performance. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 2871-2882	2.9	44
156	Application of Taguchi experimental design in optimization of desalination using purified carbon nanotubes as adsorbent. <i>Materials Research Bulletin</i> , 2012 , 47, 2389-2395	5.1	26
155	Modeling ultrafiltration of gelatin/water suspension by computational fluid dynamics. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 1098-1104	5.5	7
154	Nitrate removal from water using functionalized carbon nanotube sheets. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 1815-1822	5.5	66
153	Mixed matrix membranes of Matrimid 5218 loaded with zeolite 4A for pervaporation separation of water/isopropanol mixtures. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 2353-2363	5.5	49
152	Effects of Hydrothermal Parameters on the Synthesis of Nanocrystalline Zeolite NaY. <i>Clays and Clay Minerals</i> , 2012 , 60, 610-615	2.1	8
151	Preparation and Oxygen Permeation of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ (LSCF) Perovskite-Type Membranes: Experimental Study and Mathematical Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 3069-3080	3.9	27
150	Prediction of permeation flux decline during MF of oily wastewater using genetic programming. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 846-853	5.5	41
149	Effect of Operating Conditions on PV Performance of PVA Membranes: Experimental and Neural Network Modeling. <i>Separation Science and Technology</i> , 2012 , 47, 1472-1484	2.5	5
148	Oily wastewater treatment using mullite ceramic membrane. <i>Desalination and Water Treatment</i> , 2012 , 37, 21-30		40
147	Mixed matrix membranes for pervaporative separation of isopropanol/water mixtures. <i>Desalination and Water Treatment</i> , 2012 , 41, 45-52		10

146	Hydrogen separation and purification using crosslinkable PDMS/zeolite A nanoparticles mixed matrix membranes. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 14576-14589	6.7	137
145	Sorption properties of hydrogen-selective PDMS/zeolite 4A mixed matrix membrane. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 17275-17284	6.7	93
144	Polyethersulfone/polyacrylonitrile blend ultrafiltration membranes with different molecular weight of polyethylene glycol: preparation, morphology and antifouling properties. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 398-407	3.2	52
143	Improvement in gas separation properties of a polymeric membrane through the incorporation of inorganic nano-particles. <i>Polymers for Advanced Technologies</i> , 2012 , 23, 1101-1111	3.2	17
142	Effect of hydraulic retention time and temperature on submerged membrane bioreactor (SMBR) performance. <i>Korean Journal of Chemical Engineering</i> , 2012 , 29, 369-376	2.8	12
141	Experimental investigation and mathematical modeling of oxygen permeation through dense Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O _{3-λ} (BSCF) perovskite-type ceramic membranes. <i>Ceramics International</i> , 2012 , 38, 4797-4811	5.1	27
140	Pervaporation separation of toluene/n-heptane mixtures using a MSE-modified membrane: Effects of operating conditions. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 397-408	5.5	22
139	Zeolite filled polyimide membranes for dehydration of isopropanol through pervaporation process. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 433-441	5.5	30
138	Effects of Nano Powder Synthesis Methods, Shaping and Sintering Conditions on Microstructure and Oxygen Permeation of La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-λ} (LSCF) Perovskite-type Membranes. <i>High Temperature Materials and Processes</i> , 2012 , 31,	0.9	4
137	Effects of air sparging, cross flow velocity and pressure on permeation flux enhancement in industrial oily wastewater treatment using microfiltration. <i>Desalination and Water Treatment</i> , 2012 , 39, 33-40		21
136	Purification of biologically treated Tehran refinery oily wastewater using reverse osmosis. <i>Desalination and Water Treatment</i> , 2012 , 48, 27-37		20
135	Synthesis and Characterization of Polyimide Mixed Matrix Membranes. <i>Separation Science and Technology</i> , 2011 , 46, 2138-2147	2.5	21
134	Separation of heavy gases from light gases using synthesized PDMS nano-composite membranes: Experimental and neural network modeling. <i>Separation and Purification Technology</i> , 2011 , 81, 400-410	8.3	22
133	Preparation of nano pore hydroxysodalite zeolite membranes using of kaolin clay and chemical sources. <i>Desalination</i> , 2011 , 278, 438-442	10.3	21
132	Separation of toluene/n-heptane mixtures experimental, modeling and optimization. <i>Chemical Engineering Journal</i> , 2011 , 173, 11-18	14.7	28
131	Synthesis and characterization of carbon nanotubes/poly vinyl alcohol nanocomposite membranes for dehydration of isopropanol. <i>Journal of Membrane Science</i> , 2011 , 378, 551-561	9.6	84
130	Pure and mixed gas permeation through a composite polydimethylsiloxane membrane. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 586-597	3.2	24
129	Synthesis and characterization of asymmetric polyethersulfone membranes: effects of concentration and polarity of nonsolvent additives on morphology and performance of the membranes. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 962-972	3.2	15

128	Separation of ethylene glycol/water mixtures with composite poly(vinyl alcohol)/polypropylene membranes. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1704-1710	2.9	11
127	Enhancement of Oily Wastewater Treatment by Ceramic Microfiltration Membranes using Powder Activated Carbon. <i>Chemical Engineering and Technology</i> , 2011 , 34, 1252-1258	2	18
126	CFD simulation of water removal from water/ethylene glycol mixtures by pervaporation. <i>Chemical Engineering Journal</i> , 2011 , 168, 60-67	14.7	101
125	Salty water desalination using carbon nanotubes membrane. <i>Chemical Engineering Journal</i> , 2011 , 168, 1064-1072	14.7	47
124	CFD simulation of natural gas sweetening in a gas/liquid hollow-fiber membrane contactor. <i>Chemical Engineering Journal</i> , 2011 , 168, 1217-1226	14.7	155
123	Dehydration of isopropanol by PVA/PTEOS/TEOS nanocomposite membranes. <i>Chemical Engineering Research and Design</i> , 2011 , 89, 148-155	5.5	43
122	Oily wastewater treatment using a hybrid UF/RO system. <i>Desalination and Water Treatment</i> , 2011 , 28, 75-82		33
121	Oily wastewater treatment by ultrafiltration using Taguchi experimental design. <i>Water Science and Technology</i> , 2011 , 63, 1476-84	2.2	24
120	Mullite ceramic membranes for industrial oily wastewater treatment: experimental and neural network modeling. <i>Water Science and Technology</i> , 2011 , 64, 670-6	2.2	10
119	Effects of Gel Parameters on the Synthesis and Characteristics of W-Type Zeolite Nanoparticles. <i>Clays and Clay Minerals</i> , 2011 , 59, 328-335	2.1	9
118	Effects of different carbon precursors on synthesis of multiwall carbon nanotubes: Purification and Functionalization. <i>Applied Surface Science</i> , 2011 , 257, 7359-7367	6.7	47
117	Ceramic membrane performance in microfiltration of oily wastewater. <i>Desalination</i> , 2011 , 265, 222-228	10.3	233
116	Permanent hard water softening using carbon nanotube sheets. <i>Desalination</i> , 2011 , 268, 208-213	10.3	40
115	Oxygen permeation of $Ba_{x}Sr_{1-x}Co_{0.8}Fe_{0.2}O_{3-\delta}$ perovskite-type membrane: Experimental and modeling. <i>Desalination</i> , 2011 , 270, 64-75	10.3	25
114	Simulation and determination of optimum conditions of pervaporative dehydration of isopropanol process using synthesized PVA/PTEOS/TEOS nanocomposite membranes by means of expert systems. <i>Journal of Membrane Science</i> , 2011 , 379, 224-232	9.6	97
113	Adsorption of divalent heavy metal ions from water using carbon nanotube sheets. <i>Journal of Hazardous Materials</i> , 2011 , 185, 140-7	12.8	548
112	Modeling of unsteady-state permeation of gas mixture through a self-synthesized PDMS membranes. <i>Separation and Purification Technology</i> , 2011 , 76, 385-399	8.3	34
111	Investigation of hydrothermal synthesis parameters on characteristics of T type zeolite crystal structure. <i>Powder Technology</i> , 2011 , 206, 345-352	5.2	35

110	Preparation and characterization of mullite tubular membranes. <i>Desalination and Water Treatment</i> , 2011 , 36, 210-218		18
109	Flux decline and membrane fouling in cross-flow microfiltration of oil-in-water emulsions. <i>Desalination and Water Treatment</i> , 2011 , 28, 1-7		27
108	Preparation, Characterization and Gas Permeation of Polyimide Mixed Matrix Membranes. <i>Journal of Membrane Science & Technology</i> , 2011 , 01,		10
107	PVA/PTMSP/TEOS Hybrid Sol-Gel Pervaporation Membrane for Dehydration of Ethanol. <i>Composite Interfaces</i> , 2010 , 17, 223-228	2.3	14
106	Experimental investigation of oily wastewater treatment using combined membrane systems. <i>Water Science and Technology</i> , 2010 , 62, 245-55	2.2	22
105	Preparation and C ₃ H ₈ /Gas Separation Properties of a Synthesized Single Layer PDMS Membrane. <i>Separation Science and Technology</i> , 2010 , 45, 592-603	2.5	16
104	C ₃ H ₈ separation from CH ₄ and H ₂ using a synthesized PDMS membrane: Experimental and neural network modeling. <i>Journal of Membrane Science</i> , 2010 , 346, 59-70	9.6	38
103	Synthesis and characterization of polyethersulfone membranes. <i>Journal of Polymer Research</i> , 2010 , 17, 363-377	2.7	60
102	Gas permeation properties of Seragel membrane. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2010 , 5, 324-329	1.3	3
101	Improvement of permeation performance of polyethersulfone (PES) ultrafiltration membranes via addition of Tween-20. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 504-513	2.9	48
100	Synthesis and gas permeation properties of a single layer PDMS membrane. <i>Journal of Applied Polymer Science</i> , 2010 , 117, NA-NA	2.9	12
99	Asymmetric cellulose acetate dialysis membranes: Synthesis, characterization, and performance. <i>Journal of Applied Polymer Science</i> , 2010 , 116, NA-NA	2.9	2
98	Prediction of ternary gas permeation through synthesized PDMS membranes by using Principal Component Analysis (PCA) and fuzzy logic (FL). <i>Journal of Membrane Science</i> , 2010 , 360, 509-521	9.6	14
97	Permeate flux decline during UF of oily wastewater: Experimental and modeling. <i>Desalination</i> , 2010 , 251, 153-160	10.3	193
96	Dimensional analysis of permeation flux for microfiltration of oily wastewaters using mullite ceramic membranes. <i>Desalination</i> , 2010 , 252, 113-119	10.3	70
95	The pilot-scale pervaporation plant using tubular-type module with nano pore zeolite membrane. <i>Desalination</i> , 2010 , 255, 196-200	10.3	14
94	Salty water desalination using carbon nanotube sheets. <i>Desalination</i> , 2010 , 258, 182-186	10.3	96
93	Performance study of mullite and mullite/alumina ceramic MF membranes for oily wastewaters treatment. <i>Desalination</i> , 2010 , 259, 169-178	10.3	120

92	Preparation of mordenite membranes for dehydration of water \square DMH. <i>Desalination</i> , 2010 , 260, 276-279	10.3	2
91	Effect of PEG additive and coagulation bath temperature on the morphology, permeability and thermal/chemical stability of asymmetric CA membranes. <i>Desalination</i> , 2010 , 262, 72-78	10.3	150
90	Mechanisms and experimental results of aqueous mixtures pervaporation using nanopore HS zeolite membranes. <i>Desalination</i> , 2010 , 262, 273-279	10.3	5
89	Experimental performance evaluation of polymeric membranes for treatment of an industrial oily wastewater. <i>Desalination</i> , 2010 , 262, 235-242	10.3	123
88	Effects of coagulation bath temperature and polyvinylpyrrolidone content on flat sheet asymmetric polyethersulfone membranes. <i>Polymer Engineering and Science</i> , 2010 , 50, 885-893	2.3	81
87	Effect of annealing temperature and time on structure and performance of poly(vinyl)alcohol nanocomposite membranes. <i>Polymer Engineering and Science</i> , 2010 , 50, 2392-2399	2.3	27
86	Separation of Isomeric Xylenes: Experimental and Modeling. <i>Separation Science and Technology</i> , 2009 , 44, 817-840	2.5	11
85	Reinvestigation of the Permeation Behaviour of a Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ - \square Perovskite-type Membrane. <i>High Temperature Materials and Processes</i> , 2009 , 28, 181-190	0.9	2
84	Preparation and characterisation of Ba _x Sr _{1-x} Co _{0.8} Fe _{0.2} O ₃ - \square perovskite-type membranes: Part I. <i>Membrane Technology</i> , 2009 , 2009, 6-12	1.8	3
83	Preparation and characterisation of Ba _x Sr _{1-x} Co _{0.8} Fe _{0.2} O ₃ - \square perovskite-type membranes: Part II. <i>Membrane Technology</i> , 2009 , 2009, 7-11	1.8	3
82	Effect of poly(vinyl pyrrolidone) concentration and coagulation bath temperature on the morphology, permeability, and thermal stability of asymmetric cellulose acetate membranes. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 2537-2544	2.9	67
81	Preparation and characterization of asymmetric polyethersulfone (PES) membranes. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 993-998	3.2	20
80	Preparation and characterization of a composite PDMS membrane on CA support. <i>Polymers for Advanced Technologies</i> , 2009 , 21, n/a-n/a	3.2	32
79	Effect of preparation variables on morphology and pure water permeation flux through asymmetric cellulose acetate membranes. <i>Journal of Membrane Science</i> , 2009 , 326, 627-634	9.6	149
78	Gas permeation through a synthesized composite PDMS/PES membrane. <i>Journal of Membrane Science</i> , 2009 , 342, 236-250	9.6	82
77	Ternary gas permeation through a synthesized PDMS membrane: Experimental and modeling. <i>Journal of Membrane Science</i> , 2009 , 344, 225-236	9.6	41
76	High-salinity water desalination using VMD. <i>Chemical Engineering Journal</i> , 2009 , 149, 191-195	14.7	110
75	Coupling a mathematical and a fuzzy logic-based model for prediction of zinc ions separation from wastewater using electrodialysis. <i>Chemical Engineering Journal</i> , 2009 , 151, 262-274	14.7	28

74	Investigation of syngas ratio adjustment using a polyimide membrane. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009 , 48, 755-761	3.7	11
73	Neural network modeling of Pb ²⁺ removal from wastewater using electro dialysis. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009 , 48, 1371-1381	3.7	66
72	Effect of production conditions on morphology and permeability of asymmetric cellulose acetate membranes. <i>Desalination</i> , 2009 , 243, 1-7	10.3	82
71	Treatment of sea water using electro dialysis: Current efficiency evaluation. <i>Desalination</i> , 2009 , 249, 279-285	10.3	95
70	Cellulose acetate (CA)/polyvinylpyrrolidone (PVP) blend asymmetric membranes: Preparation, morphology and performance. <i>Desalination</i> , 2009 , 249, 850-854	10.3	153
69	Application of Taguchi method in optimization of desalination by vacuum membrane distillation. <i>Desalination</i> , 2009 , 249, 83-89	10.3	70
68	Effects of Tween 80 concentration as a surfactant additive on morphology and permeability of flat sheet polyethersulfone (PES) membranes. <i>Desalination</i> , 2009 , 249, 837-842	10.3	50
67	Oily wastewater treatment using ultrafiltration. <i>Desalination and Water Treatment</i> , 2009 , 6, 289-298		50
66	Effects of PEG on Morphology and Permeation Properties of Polyethersulfone Membranes. <i>Separation Science and Technology</i> , 2009 , 44, 3854-3875	2.5	12
65	Effect of operating parameters on pure and mixed gas permeation properties of a synthesized composite PDMS/PA membrane. <i>Journal of Membrane Science</i> , 2009 , 342, 327-340	9.6	74
64	Synthesis of Carbon Nanotubes on Macroporous Kaolin Substrate via a New Simple CVD Method. <i>International Journal of Chemical Reactor Engineering</i> , 2009 , 7,	1.2	6
63	Effect of Ba Content on Oxygen Permeation Performance of Ba _x Sr _{1-x} Co _{0.8} Fe _{0.2} O _{3-λ} (x = 0.2, 0.5, and 0.8) Perovskite-Type Membrane. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 3082-3091	2.8	9
62	Evaluation of a mathematical model using experimental data and artificial neural network for prediction of gas separation. <i>Journal of Natural Gas Chemistry</i> , 2008 , 17, 135-141		18
61	Ion-exchanged zeolite X membranes: synthesis and characterisation. <i>Membrane Technology</i> , 2008 , 2008, 9-11	1.8	6
60	Acid Gas Permeation Behavior Through Poly(Ester Urethane Urea) Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 7361-7367	3.9	54
59	L-Lysine Monohydrochloride Syrup Concentration using a Membrane Hybrid Process of Ultrafiltration and Vacuum Membrane Distillation. <i>Chemical Engineering and Technology</i> , 2008 , 31, 1569-1576	1	1
58	Synthesis and Characterization of Poly(ether-block-amide) Membranes. <i>Macromolecular Symposia</i> , 2008 , 264, 127-134	0.8	3
57	CO ₂ and CH ₄ permeation through T-type zeolite membranes: Effect of synthesis parameters and feed pressure. <i>Separation and Purification Technology</i> , 2008 , 61, 317-323	8.3	54

56	Pervaporation separation of binary and ternary mixtures with polydimethylsiloxane membranes. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1777-1782	2.9	10
55	Synthesis and characterization of poly(ether-block-amide) membranes for the pervaporation of organic/aqueous mixtures. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1917-1923	2.9	17
54	Thin-layer template-free polycrystalline mordenite membranes on cylindrical mullite supports. <i>Microporous and Mesoporous Materials</i> , 2008 , 114, 148-154	5.3	11
53	Preparation and characterization of a thin continuous faujasite membrane on tubular porous mullite support. <i>Desalination</i> , 2008 , 220, 65-71	10.3	17
52	Sea water desalination using electrodialysis. <i>Desalination</i> , 2008 , 221, 440-447	10.3	198
51	CFD modeling of porous membranes. <i>Desalination</i> , 2008 , 222, 482-488	10.3	73
50	Wastewater treatment of desalting units. <i>Desalination</i> , 2008 , 222, 249-254	10.3	20
49	Separation of lead ions from wastewater using electrodialysis: Comparing mathematical and neural network modeling. <i>Chemical Engineering Journal</i> , 2008 , 144, 431-441	14.7	91
48	Effect of operating conditions on pervaporation of methanol/methyl tert-butyl ether mixtures. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008 , 47, 1069-1074	3.7	36
47	Effect of synthesis parameters on single gas permeation through T-type zeolite membranes. <i>International Journal of Greenhouse Gas Control</i> , 2008 , 2, 531-538	4.2	35
46	Separation of Hydrogen from Carbon Monoxide Using a Hollow Fiber Polyimide Membrane: Experimental and Simulation. <i>Chemical Engineering and Technology</i> , 2007 , 30, 1418-1425	2	31
45	Chemical cleaning of ultrafiltration membranes in the milk industry. <i>Desalination</i> , 2007 , 204, 213-218	10.3	89
44	Separation of monovalent, divalent and trivalent ions from wastewater at various operating conditions using electrodialysis. <i>Desalination</i> , 2007 , 205, 53-61	10.3	35
43	Mathematical modeling of desalination by electrodialysis. <i>Desalination</i> , 2007 , 206, 538-546	10.3	38
42	Synthesis of MFI zeolite membranes for water desalination. <i>Desalination</i> , 2007 , 206, 547-553	10.3	53
41	Effect of sintering temperature and dwell time and pressing pressure on Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ perovskite-type membranes. <i>Materials & Design</i> , 2007 , 28, 1699-1706		22
40	Separation of different ions from wastewater at various operating conditions using electrodialysis. <i>Separation and Purification Technology</i> , 2007 , 54, 147-156	8.3	57
39	Effect of operating parameters on concentration of citric acid using electrodialysis. <i>Journal of Food Engineering</i> , 2007 , 83, 596-604	6	30

38	Preparation of NaA zeolite membranes for separation of water/UDMH mixtures. <i>Separation and Purification Technology</i> , 2006 , 47, 173-178	8.3	18
37	Effect of operating conditions on pervaporation of methanol/water mixtures: Part 1. <i>Membrane Technology</i> , 2006 , 2006, 7-9	1.8	
36	Effect of operating conditions on pervaporation of methanol-water mixtures: Part 2. <i>Membrane Technology</i> , 2006 , 2006, 7-11	1.8	9
35	Separation of Ethylene Glycol/Water Mixtures using NaA Zeolite Membranes. <i>Chemical Engineering and Technology</i> , 2006 , 29, 1340-1346	2	37
34	Zeolite NaA membranes synthesis. <i>Desalination</i> , 2006 , 200, 68-70	10.3	19
33	Synthesis and characterization of T-type zeolite membrane on a porous mullite tube. <i>Desalination</i> , 2006 , 200, 77-79	10.3	10
32	Microfiltration of oily wastewater using PP hydrophobic membrane. <i>Desalination</i> , 2006 , 200, 319-321	10.3	28
31	Effect of permeate pressure on pervaporation of methyl tert-butyl ether/methanol mixtures. <i>Desalination</i> , 2006 , 200, 390-392	10.3	3
30	Concentration of l-lysine monohydrochloride (l-lysine·HCl) syrup using vacuum membrane distillation. <i>Desalination</i> , 2006 , 200, 591-594	10.3	17
29	Pervaporation of dilute alcoholic mixtures using PDMS membrane. <i>Chemical Engineering Science</i> , 2005 , 60, 1875-1880	4.4	113
28	Separation of water/UDMH mixtures using hydroxysodalite zeolite membranes. <i>Desalination</i> , 2005 , 181, 1-7	10.3	11
27	Separation of water in oil emulsions using microfiltration. <i>Desalination</i> , 2005 , 185, 371-382	10.3	84
26	Experimental design in mullite microfilter preparation. <i>Desalination</i> , 2005 , 184, 57-64	10.3	16
25	Modeling of metal ion removal from wastewater by electrodialysis. <i>Separation and Purification Technology</i> , 2005 , 41, 73-82	8.3	164
24	Wastewater treatment of a vegetable oil factory by a hybrid ultrafiltration-activated carbon process. <i>Journal of Membrane Science</i> , 2005 , 254, 129-137	9.6	88
23	Separation of ethylene glycol solution by vacuum membrane distillation (VMD). <i>Desalination</i> , 2005 , 181, 35-41	10.3	56
22	Mathematical modeling of flux decline in ultrafiltration. <i>Desalination</i> , 2005 , 184, 367-375	10.3	30
21	Dehydration of water/1-1-dimethylhydrazine mixtures by zeolite membranes. <i>Microporous and Mesoporous Materials</i> , 2004 , 70, 127-134	5.3	35

20	Wastewater treatment using ultrafiltration at a vegetable oil factory. <i>Desalination</i> , 2004 , 166, 329-337	10.3	52
19	Effect of operating parameters on Pb ²⁺ separation from wastewater using electrodialysis. <i>Desalination</i> , 2004 , 167, 379-385	10.3	138
18	Effect of operating conditions on microfiltration of an oil-water emulsion by a kaolin membrane. <i>Desalination</i> , 2004 , 168, 201-205	10.3	39
17	Separation of copper ions by electrodialysis using Taguchi experimental design. <i>Desalination</i> , 2004 , 169, 21-31	10.3	94
16	Effect of calcination temperature of kaolin as a support for zeolite membranes. <i>Separation and Purification Technology</i> , 2003 , 30, 241-249	8.3	43
15	Hydrodynamic factors affecting flux and fouling during reverse osmosis of seawater. <i>Desalination</i> , 2003 , 151, 239-245	10.3	31
14	Investigation of membrane fouling. <i>Desalination</i> , 2003 , 153, 155-160	10.3	94
13	Modeling of membrane fouling and flux decline in reverse osmosis during separation of oil in water emulsions. <i>Desalination</i> , 2003 , 157, 369-375	10.3	139
12	Water shortage and seawater desalination by electrodialysis. <i>Desalination</i> , 2003 , 158, 267-270	10.3	71
11	Making zeolite A membrane from kaolin by electrophoresis. <i>Microporous and Mesoporous Materials</i> , 2002 , 56, 81-88	5.3	35
10	Chemical cleaning of a polyamide membrane. <i>Desalination</i> , 2001 , 139, 381	10.3	10
9	Evaluation of the chemical stability of some membranes in vanadium solution. <i>Journal of Applied Electrochemistry</i> , 1997 , 27, 153-160	2.6	160
8	Water transport study across commercial ion exchange membranes in the vanadium redox flow battery. <i>Journal of Membrane Science</i> , 1997 , 133, 151-159	9.6	124
7	Modification of anion-exchange membranes for vanadium redox flow battery applications. <i>Journal of Power Sources</i> , 1996 , 63, 179-186	8.9	92
6	Characterisation of novel composite membrane for redox flow battery applications. <i>Journal of Membrane Science</i> , 1995 , 98, 77-87	9.6	96
5	Preparation of sulfonated composite membrane for vanadium redox flow battery applications. <i>Journal of Membrane Science</i> , 1995 , 107, 35-45	9.6	98
4	Use of polyelectrolyte for incorporation of ion-exchange groups in composite membranes for vanadium redox flow battery applications. <i>Journal of Power Sources</i> , 1995 , 56, 91-96	8.9	64
3	Effects of Synthesis Parameters on the Characteristics of Naa Type Zeolite Nanoparticles		2

2	Fabrication of asymmetric cellulose acetate/pluronic F-127 forward osmosis membrane: minimization of internal concentration polarization via control thickness and porosity. <i>Polymer Bulletin</i> ,1	2.4	1
1	Effect of <i>Zymomonas mobilis</i> and <i>Pichia stipitis</i> presence/absence strategies in a two-stage process on bioethanol production from glucose-xylose mixture. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0