

	Name	Title of poster	
1	Z. MELOUN	BIPOLAR MEMBRANE FIBRE REINFORCEMENT	1
2	P. RYSANEK	ELECTROSPUN POLYMER MEMBRANES DECORATED WITH CERIUM OXIDE NANOPARTICLES	2
3	L. BROZOVA	ENANTIOSELECTIVE SORPTION OF α -PINENE IN A POLYCARBONATE MEMBRANE FUNCTIONALIZED BY ATOMIC LAYER DEPOSITION TECHNIQUE	3
4	J. FLOREKOVA	FABRICATION OF HIGH-PERFORMANCE CO ₂ -PHILIC MIXED MATRIX MEMBRANE VIA INTERFACIAL BLUEPRINTING OF THE MOFS AND POLYMER MATRIX FOR CO ₂ CAPTURE APPLICATIONS	4
5	J. KRIVCIK	NEW HETEROGENEOUS ION-EXCHANGE MEMBRANES WITH LOW THICKNESS	5
6	D. KIMMER	REINFORCED NANOFIBRE-BASED MEMBRANES FOR MODEL WATER MICROFILTRATION	6
7	M. OTMAR	SYNTHESIS OF CHIRAL SELECTIVE MEMBRANES FOR THE SEPARATION OF RACEMIC MIXTURES	7
8	K. IABLOCHKIN	BINARY GAS SEPARATION USING MMMS BASED ON 6FDA-BISP	8
9	P. CAPKOVA	COMPARISON OF NEEDLE AND WIRE ELECTROSPINNING TECHNOLOGY IN FABRICATION OF CHEMICALLY MODIFIED PERMEABLE MEMBRANES FOR GAS SEPARATION	9
10	Z. KRCHNACKOVA	POLYMER MEMBRANES FOR GAS SEPARATION PREPARED USING GREEN SOLVENT	10
11	V. KONOVALOVA	POLYELECTROLYTE ENHANCED ULTRAFILTRATION ON MAGNETICLY ACTIVE MEMBRANES FOR IRON (II) REMOVAL	11
12	Y. POPAT	CARBON CAPTURE FROM WATER BODIES BY MEMBRANE CAPACITIVE DEIONIZATION (MCDI)	12
13	F. KOTOKA	COMBINING ELECTRODIALYSIS WITH MEMBRANE CONTACTOR: A KEY TECHNIQUE TO RECOVERING, CONCENTRATING, AND SELECTIVELY SEPARATING VOLATILE FATTY ACIDS AND PLANT NUTRIENTS FROM FOOD WASTES	13
14	P. KRIZANEK	EFFECT OF TEMPERATURE ON THE DESALINATION PROCESS BY ELECTRODIALYSIS	14
15	A. SELIM	INFLUENCE OF OXYGEN CONCENTRATION, HUMIDITY, AND OPERATING TEMPERATURE ON PEMFC PERFORMANCE	15
16	A. MERKEL	LACTOSE MOTHER LIQUOR STREAM VALIDATION USING AN EFFECTIVE ELECTRODIALYTIC PROCESS	16
17	Z. SLOUKA	MEMBRANE SWELLING/SHRINKAGE AND ION EXCHANGE	17
18	G.P. SZIJARTO	OPTIMIZATION OF PEM FUEL CELL COMPONENTS	18
19	L. MRKVA	COMPARISON OF DIRECT-CONTACT AND AIR-GAP MODULES FOR MEMBRANE DISTILLATION	19
20	T. ZUCCA	HYDROGEN PRODUCTION BY NH ₃ SCISSION	20
21	B-R. PARK	NUMERICAL SIMULATION AND OPTIMIZATION OF LDG SEPARATION IN THE STEELMAKING INDUSTRY USING HOLLOW FIBER MEMBRANES	21
22	A. ANSARI	COMPARATIVE STUDY OF SPACER-FILLED AIR-GAP MEMBRANE DISTILLATION AND DIRECT CONTACT MEMBRANE DISTILLATION	22
23	A. AHATHAL ALANEZI	EFFECT OF INCLINATION ANGLE ON PRODUCTIVITY OF A DIRECT CONTACT MEMBRANE DISTILLATION (DCMD) PROCESS	23
24	A. RYBAK	MODERN COMPUTER APPLICATION TO MODEL THE RARE EARTH ELEMENT IONS TRANSPORT THROUGH MEMBRANES	24
25	J.H. LEE	SURFACE-MODIFICATIONS OF THIN-REINFORCED ION-EXCHANGE MEMBRANES FOR EFFICIENT ELECTRO-MEMBRANE PROCESSES	25
26	H.B. SONG	BIPOLAR MEMBRANES WITH HIGHLY DURABLE BIPOLAR JUNCTION AND HIGH WATER-SPLITTING CAPABILITY	26
27	S. NEVYHOSTENY	RHEOLOGY OF POLYOLEFIN MELT WITH HIGH LOADING OF ION EXCHANGE RESIN PARTICLES	27
28	J. LEE	RISK ANALYSIS FOR ULTRAPURE WATER SYSTEM USING MONTE-CARLO SIMULATION	28
29	Y.W. CHOI	A STUDY ON CHARACTERISTICS AND ITS PEMFC PERFORMANCE OF HIGH MOLECULAR WEIGHT SULFONATED POLY (ARYLENE ETHER) SULFONES	29