

DEVELOPMENT OF SIMULATION PROGRAM OF ACID RECOVERY PROCESS UTILIZING DIFFUSION	10
Z. Tomiška, L. Šeda, T. Kotala	
INFLUENCE OF THERMAL AND CHEMICAL TREATMENT ON THE TRANSPORT AND SEPARATION PROPERTIES OF HOLLOW FIBERS FOR BIOGAS PURIFICATION	12
V. Drobny, R. Válek	
ENHANCED OIL RECOVERY VIA HIGH-TEMPERATURE ELECTRODIALYSIS	14
R. Kondáš, L. Václavík	
COMPARISON OF DESALINATION PROPERTIES OF ION-EXCHANGE MEMBRANES	16
V. Velichová, P. Křižánek	
FABRICATION OF THIN FILM COMPOSITE HOLLOW FIBER MEMBRANES FOR CO₂/N₂ SEPARATION	18
G. Li, W. Kujawski	
3D PRINTED SPACERS FOR ED – INFLUENCE OF MESH GEOMETRY ON THE SHADOW EFFECT AND DIFFUSION LAYERS	19
E. Komačková, J. Fehér, D. Tvrzník, M. Landová, T. Kotala	
BATCH TESTS OF DESALINATION OF OLIGOSACCHARIDES AND MODEL SOLUTION OF CALCIUM SULFATE	21
D. Lacinová, M. Grošík	
SYNTHESIS AND CHARACTERIZATION OF MEMBRANES BASED ON CARBON-BASED 2D MATERIALS FOR H₂ SEPARATION FROM GAS MIXTURES	22
D. Gardenö, D. Bouša, Z. Sofer, V. Fila, K. FriessL	
FABRICATION OF HIGH-PERFORMANCE CO₂-PHILIC MIXED MATRIX MEMBRANE VIA INTERFACIAL BLUEPRINTING OF THE MOFS AND POLYMER MATRIX FOR CO₂ CAPTURE APPLICATIONS	24
J. Floreková, S. Ashtiani, K. Friess	

GAS PROPERTIES OF HOLLOW FIBERS MEMBRANES FOR CO₂ CAPTURE BASED ON POLY(ETHER-BLOCK-AMIDE) COPOLYMERS 26

G. S. Medeiros, J. Peter, R. Valek, O. Hák

ELIMINATION OF CONTRACEPTIVE HORMONES FROM WASTEWATER BY ADSORPTION USING ELECTROSPUN NANOFIBERS MEMBRANES 28

M. Yasir, D. Kimmer, V. Sedlarik

SIMPLE FUNCTIONALIZATION OF POLYMERIC MEMBRANE WITH CHIRAL IONIC LIQUID FOR ENANTIOSPECIFIC SEPARATIONS 30

J. Čížek, M. Kos, J. Žádný, L. Vobecká, P. Izák

POSSIBILITIES OF USING NANOFIBERS IN AIR GAP MEMBRANE DISTILLATION AND COMPARISON TO DIRECT CONTACT MODULE 31

T. Dufek, L. Mrkva