1. Sen, M.; Dana, K.; Das, N. Development of LTA zeolite membrane from clay by sonication assisted method at room temperature for H2-CO2 and CO2-CH4 separation. Ultrason. Sonochem. 2018, 48, 299–310.
2. Peydayesh, M.; Mohammadi, T.; Bakhtiari, O. Effective hydrogen purification from methane via polyimide Matrimid®5218- deca-dodecasil 3R type zeolite mixed matrix membrane. Energy 2017, 141, 2100–2107.
3. Ahmad, J.; Hägg, M.-B. Preparation and characterization of polyvinyl acetate/zeolite 4A mixed matrix membrane for gas separation. J. Membr. Sci. 2013, 427, 73–84.
4. Esmaeili, N.; Boyd, S.E.; Brown, C.L.; Mac, A. Gray, E.; Webb, C.J. Improving the gas-separation properties of PVAc-zeolite 4A mixed-matrix membranes through nano-sizing and silanation of the zeolite. ChemPhysChem 2019, 20, 1590–1606.
5. Zornoza, B.; Téllez, C.; Coronas, J.; Esekhile, O.; Koros, W.J. Mixed matrix membranes based on 6FDA polyimide with silica and zeolite microsphere dispersed phases. AIChE J. 2015, 61, 4481–4490.
6. Zhou, T.; Shi, M. Y.; Chen, L. J.; Gong, C.; Zhang, P.; Xie, J. X.; Wang, X. R.; Gu, X. H. Fluorine-free synthesis of all-silica STT zeolite membranes for H2/CH4 separation. Chem. Eng. J. 2022, 433, 133567.
7. Radovan Kukobat , Motomu Sakai , Hideki Tanaka , Hayato Otsuka , Fernando Vallejos-Burgos , Christian Lastoskie , Masahiko Matsukata, Yukichi Sasaki , Kaname Yoshida, Takuya Hayashi , Katsumi Kaneko, ‘Ultrapermeable 2D-channeled graphene-wrapped zeolite molecular sieving membranes for hydrogen separation’. ***SCIENCE ADVANCES*** 8 (2022).
8. Wu, T. Y.; Shu, C. J.; Liu, S.; Xu, B. S.; Zhong, S. L; Zhou, R. F. Separation performance of Si-CHA zeolite membrane for a binary H2/CH4 mixture and ternary and quaternary mixtures containing impurities. Energy Fuels 2020, 34, 11650–11659.
9. Du, P.; Song, J. Y.; Wang, X. R.; Zhang, Y. T.; Xie, J. X.; Liu, G.; Liu, Y. L.; Wang, Z. W.; Hong, Z.; Gu, X. H. Efficient scale-up synthesis and hydrogen separation of hollow fiber DD3R zeolite membranes. J. Membr. Sci. 2021, 636, 119546.
10. Zhou, C.; Yuan, C. F.; Zhu, Y. Q.; Caro, J.; Huang, A. S. Facile synthesis of zeolite FAU molecular sieve membranes on bio-adhesive polydopamine modified Al2O3 tubes. J. Membr. Sci. 2015, 494, 174–181.
11. Zhu, X. F.; Wang, H. B.; Lin, Y. S. Effect of the membrane quality on gas permeation and chemical vapor deposition modification of MFI-type zeolite membranes. Ind. Eng. Chem. Res. 2010, 49, 10026–10033.
12. Dong, Q. B.; Jiang, J.; Li, S. G.; Yu, M. Molecular layer deposition (MLD) modified SSZ-13 membrane for greatly enhanced H2 separation. J. Membr. Sci. 2021, 622, 119040.