

## 1. 査読つき論文

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8. L. Meng, M. Kanezashi, X. Yu, and T. Tsuru, Enhanced decomposition of sulfur trioxide via the water-splitting iodine-sulfur (IS) process in a catalytic membrane reactor, *Journal of Materials Chemistry A*, **4** (2016) 15316-15319. [DOI: 10.1039/C6TA06484A](https://doi.org/10.1039/C6TA06484A)
9. R. Abejón, S.B. Ibrahim, P. Waravut, H. Nagasawa, T. Tsuru, Evaluation of non-commercial ceramic  $\text{SiO}_2\text{-ZrO}_2$  and organosilica BTESE membranes in a highly oxidative medium: Performance in hydrogen peroxide, *Journal of Membrane Science*, **520** (2016) 740-748.  
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## 2. 著書

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2. X. Ren, M. Kanezashi, T. Tsuru, Hybrid Organosilica Membranes for CO<sub>2</sub> Separation under Wet Conditions, in *Carbon Dioxide Capture: Processes, Technology and Environmental Implications*, Nova Publishers (2016)

### 3. 総説, 一般記事など

1. 金指正言, Normalized Knudsen-based Permeance (NKP) 法によるアモルファスシリカ膜の細孔径評価, 膜, **41** (2016) 36-43.
2. 金指正言, 都留稔了, 硫酸分解のための膜分離プロセスの開発, 膜, **41** (2016) 102-107.
3. 金指正言, 無機分離膜開発の研究動向. 化学工学, **80** (2016) 307.
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### 4. 学会などからの招待講演, 基調講演

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4. 都留稔了, 多様な水源に対応できるロバストRO/NF膜の開発と応用, 第19回日本水環境学会シンポジウム 特別講演, 秋田大学, 2016年9月13日
5. 金指正言, ゾルーゲル法によりネットワーク構造を制御したシリカ系気体分離膜の開発, 日本セラミックス協会2016年秋季シンポジウム 依頼講演, 広島大学, 2016年9月8日
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11. 都留稔了, 金指正言, 硫酸分解のための膜分離プロセスの開発, 日本膜学会年会, 2016.5.11
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