

Research Activity & Membrane Industry of KOREA



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Membrane Society of Korea (MSK)



사단법인 한국막학회
The Membrane Society of Korea

<http://www.membrane.or.kr/>



❖ General Information

1. **Foundation : Dec. 26th, 1987**
2. **Permission from Government (MOST) : April 18th, 1991**
3. **Held AMS7 in Busan : July 4-6th, 2012**
4. **Held ICOM 2005 in Seoul : Aug. 21-26th, 2005**
5. **Published the 1st issue of “*Membrane Journal*” : Dec. 20th, 1991**
6. **Held AMS12 in Jeju: July 2-5th, 2019**

Current Status of MSK

1. **Members : 2900 (as of 2021) (Student : 654)**
2. **Board Members : 36**
3. **Company Members : 43**
4. **Regular Meetings : Two times/Year**
(Spring & Autumn)
5. **Special Workshop : Three times/Year**
(Spring, Summer, Winter)



Membrane Journal

- Official Journal of the Membrane Society of Korea
- Published in Korean or English six times a year
- Website: <http://membranejournal.or.kr/>



The screenshot shows the homepage of the Membrane Journal website. The header features the journal's title in English and Korean, along with its ISSN numbers (1226-0088 for print and 2288-7253 for online) and a globe icon. A search bar and navigation links for 'HOME' and 'Contact Us' are present. The main content area is divided into several sections: 'Online Submission' with a link to 'The Membrane Society of Korea', 'About US' with links to 'Aims and Scope', 'Subscription Inquiry', 'Editorial Board', and 'Open Access'; 'For Contributors' with links to 'Instruction For Authors' and 'Ethics Guideline'; 'Journal Search' with links to 'Most read Article', 'Current Issue', and 'Archive'; and a 'Crossref' logo. The central part of the page displays the journal's cover image and a list of articles from Volume 31, No. 6, December 2021. The first article is 'A Review on Development of PPO-based Anion Exchange Membranes' by Seong Jin An, Ki Jung Kim, Somi Yu, Gun Young Ryu, and Won Seok Chi, with a DOI of 10.14579/MEMBRANE_JOURNAL.2021.31.6.371. The second article is 'Bacterial Cellulose Membrane for Wastewater Treatment: A Review' by Eun Jo Jang, Rajkumar Patel, with a DOI of 10.14579/MEMBRANE_JOURNAL.2021.31.6.384. The third article is 'Applications of Enzyme Immobilized Membranes: A Review' by Junghyun Ryu, Rajkumar Patel, and Jong Hak Kim. Each article entry includes a 'Download pdf' button and an 'Export Citation' button.

Membrane Journal
멤브레인

ISSN : 1226-0088(Print)
ISSN : 2288-7253(Online)

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The Membrane Society of Korea

About US +

- Aims and Scope
- Subscription Inquiry
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- Instruction For Authors
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- Most read Article
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Archive (1991 ~)

Crossref

Membrane Journal

Journal Abbreviation : 'Membr. J.'
Frequency : bimonthly
Doi Prefix : 10.14579/MEMBRANE_JOURNAL
ISSN : 1226-0088 (Print)
ISSN : 2288-7253 (Online)
Year of Launching : 1991
Publisher : Jonggeon Jegal
Indexed/Tracked/Covered By : WJCI, crossref, OPEN ACCESS

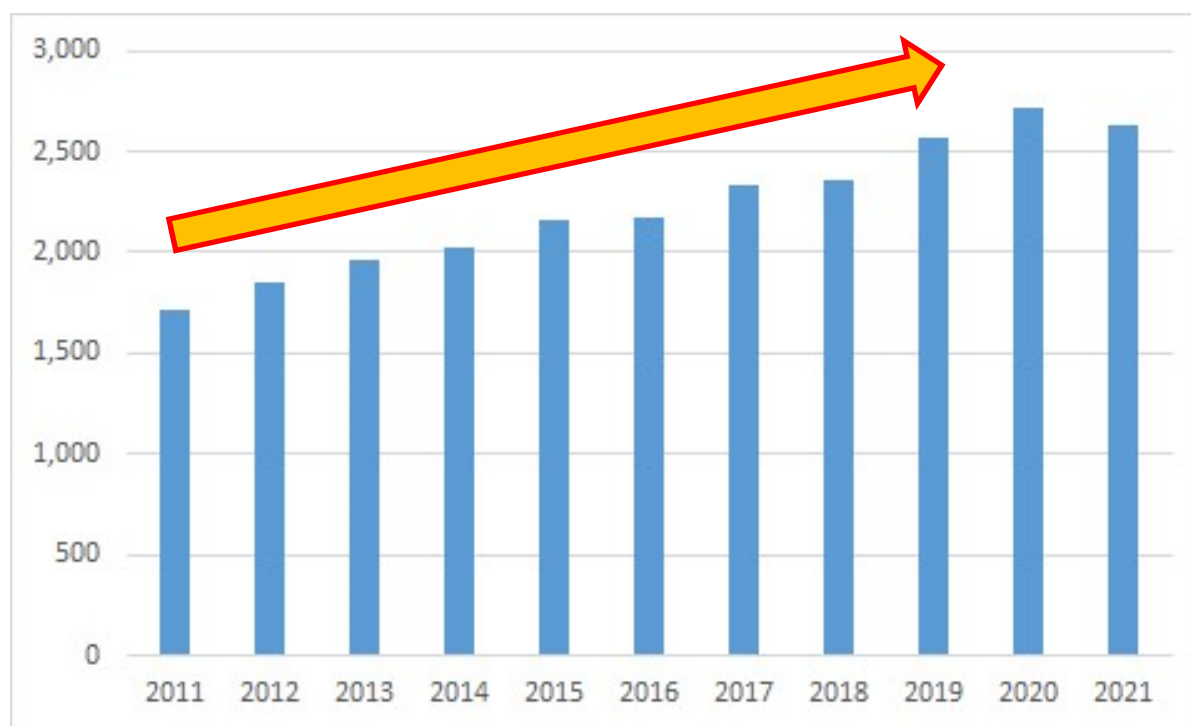
Volume 31 No.6 December 2021

A Review on Development of PPO-based Anion Exchange Membranes
Seong Jin An, Ki Jung Kim, Somi Yu, Gun Young Ryu, Won Seok Chi
Membrane Journal :: Vol.31 No.6 pp.371~383
DOI: https://doi.org/10.14579/MEMBRANE_JOURNAL.2021.31.6.371
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Bacterial Cellulose Membrane for Wastewater Treatment: A Review
Eun Jo Jang, Rajkumar Patel
Membrane Journal :: Vol.31 No.6 pp.384~392
DOI: https://doi.org/10.14579/MEMBRANE_JOURNAL.2021.31.6.384
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Open abstract

Applications of Enzyme Immobilized Membranes: A Review
Junghyun Ryu, Rajkumar Patel, Jong Hak Kim

❖ Number of Membrane Papers in Korea



Year	No.
2011	1,719
2012	1,850
2013	1,957
2014	2,021
2015	2,164
2016	2,171
2017	2,328
2018	2,361
2019	2,565
2020	2,715
2021	2,628

❖ University Researching Membranes in Korea **Alphabetical order**

[Chonbuk National University](#) – Jeonju
[Cheonan National University](#) – Cheonan
[Chung-Ang University](#) – Seoul
[Chungbuk National University](#) – Cheongju
[Chungnam National University](#) – Daejeon
[Dankook University](#) – Cheonan
[Dong-eui University](#) – Busan
[Dongguk University](#) – Seoul
[Gwangju Institute of Science and Technology](#)
[Gyeongsang National University](#) – Jinju
[Hallym University](#) – Chuncheon
[Hannam University](#) – Daejeon
[Hanyang University](#) – Seoul
[Incheon National University](#) – Incheon
[Inha University](#) – Incheon
[Jeju National University](#) – Jeju
[KAIST](#) – Daejeon
[Keimyung University](#) – Daegu

[Konkuk University](#) – Seoul
[Kookmin University](#) – Seoul
[Korea University](#) – Seoul
[Kumoh National Institute of Technology](#) – Gumi
[Kyunghee University](#) – Suwon
[Kyungpook National University](#) – Daegu
[Pohang University of Science and Technology](#)
[Pukyong National University](#) – Busan
[Pusan National University](#) – Busan
[Sangmyung University](#) – Seoul, Cheonan
[Sogang University](#) – Seoul
[Seokyeong University](#) – Seoul
[Seoul National University](#) – Seoul
[Seoul National University of Science and Technology](#)
[Sungkyunkwan University](#) – Suwon
[Yonsei University](#) – Seoul, Wonju
[Ulsan National Institute of Science and Technology](#)

❖ National Institute in KOREA

Alphabetical order

Korea Institute of Energy Research (KIER) – Daejeon

Korea Institute of Industrial Technology (KITECH)

Korea Institute of Machinery & Materials (KIMM) – Daejeon

Korea Institute of Science and Technology (KIST) - Seoul

Korea Research Institute of Chemical Technology (KRICT) – Daejeon

Membrane Industry of KOREA



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❖ Number of Membrane Companies in KOREA : ~70



Jeongwoo Industrial Machine Co., Ltd.

HiFiM INC.

Water from MEMBRANE membrane
MEMBRARE

A photograph of a clownfish with orange, white, and black stripes swimming near a large sea anemone with light-colored tentacles. The background shows a rocky reef with various corals and marine life. The text "Thank You!" is overlaid in white, bold, sans-serif font in the center of the image.

Thank You!