

Curriculum Vitae

CONTACT INFORMATION

SANG-YOUNG LEE

Underwood Distinguished Professor

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EDUCATION

2001.06 - 2002.12	Postdoctoral Research Associate, Max Planck Institute for Polymer Research, Germany
1993.03 - 1997.02	Ph.D. Dept. Chemical Eng., KAIST, Korea
1991.03 - 1993.02	M.S. Dept. of Chemical Eng., KAIST, Korea
1987.03 - 1991.02	B.S. Dept. of Chemical Technology, Seoul National Univ., Korea

PROFESSIONAL CAREER

2022.01-	Director, Yonsei Battery Research Center, Yonsei University
2021.01-	Underwood Distinguished Professor, Dept. of Chemical and Biomolecular Engineering, Yonsei University
2015.09 - 2020.12	Professor, School of Energy and Chemical Engineering, UNIST
2014.03 - 2020.12	Director of BK21 Plus Program, UNIST
2014.03 - 2015.12	Dean of Student Affairs, UNIST
2012.12 - 2015.09	Associate Professor, Dept. of Energy Engineering, UNIST
2008.03 - 2012.12	Associate Professor, Dept. of Chemical Engineering, Kangwon National Univ.
1997.01 - 2008.02	Principal Researcher, Batteries R&D, LG Chem.

HONORS & AWARDS

2020.11	Top 10 National Nano Technologies, NRF (Korean Government)
2019.10	Top 100 National R&D Achievements, NRF (Korean Government)
2018.02	Golden Prize, Samsung Human Tech Paper Contest
2017.09	Top 100 National R&D Achievements, NRF (Korean Government)

2017.08	Secretary of the 9 th Asian Conference on Electrochemical Power Sources 2017 (ACEPS 9)
2015.05	Editorial Board Member, Scientific Reports (Nature Publishing Group)
2015.03	Best Teaching Award, UNIST
2014.11	Top 50 Basic Research Awards (2014), NRF (Korean Government)
2013.02	Excellence in Reviewing, J. Membr. Sci., Elsevier
2012.06	A Main Coordinator of the 16 th International Meeting on Lithium Batteries (IMLB)
2007.05	NET Award, MEST (Korean Government)
2005.12	Grand Prize of the LG Chem Patent, LG Chem.

MEMBERSHIPS

2023 -	Member, The National Academy of Engineering of Korea
2022 -	Head, Division of Energy Conversion/Storage, Korean Society of Industrial and Engineering Chemistry
2020-2021	Head, Division of Rechargeable Batteries, Korean Electrochem. Soc.
2018	Member, International Scientific Committee of IMLB
2014	Secretary, The Membrane Society of Korea
2010 - 2011	General Secretary, The Korean Electrochemical Society
2008 - 2009	Secretary, The Korean Society of Industrial and Engineering Chemistry

RESEARCH INTERESTS

Soft energy storage systems and materials

1. Solid & semi-solid electrolytes
2. Li (& Zn) metal electrodes
3. High-mass loading cathodes
4. Multifunctional separator membranes
5. Printable/flexible/cellulose power sources

SUMMARY OF PUBLICATIONS

: Total number of publications = 190

: Total citation = 9393

: h-index = 58

: Representative publications (Top 10% of WOS, since 2010)

10 papers in Energy & Environmental Science (IF = 38.532) (corresponding author)

1 paper in Nature Communications (IF = 17.69) (corresponding author)

3 papers in Science Advances (IF = 14.143) (corresponding author)
1 paper in J. of the American Chemical Society (IF = 15.419) (corresponding author)
1 paper in Angew. Chemie. (IF = 16.823) (corresponding author)
2 papers in Advanced Materials (IF = 30.849) (corresponding author)
9 papers in Advanced Energy Materials (IF = 29.368) (corresponding author)
12 papers in Advanced Functional Materials (IF = 18.808) (corresponding author)
9 papers in Nano Letters (IF = 11.189) (corresponding author)
12 papers in Journal of Materials Chemistry (IF = 12.732) (corresponding author)
4 papers in ACS Applied Materials & Interfaces (IF= 9.229) (corresponding author)
15 papers in Journal of Power Sources (IF = 9.127) (corresponding author)
2 papers in Scientific Reports (IF= 4.380) (corresponding author)
8 papers in Journal of Membrane Science (IF = 5.557) (corresponding author)
1 paper in Journal of The Electrochemical Society (IF= 3.662) (corresponding author)