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ACADEMIC QUALIFICATIONS

Ph.D., University of Michigan, Ann Arbor, MI Biomedical Engineering, 2005 M.S., Seoul National University, Seoul, Korea, Materials Science and Engineering, 2001 B.S., Yonsei University, Seoul, Korea, Materials Science and Engineering, 1999

PROFESSIONAL CAREER

2024 – present	Editorial Board, Materials Science and Engineering: R: Reports, Elsevier, Netherlands
2024 – present	Associated Editor, BMEMat, Wiley, China
2023 – present	Associated Editor, VIEW, Wiley, China
2015 – present	Associate/Full Professor, SKKU, Sch. Chem. Eng., Korea
2008 - 2015	Tenured Assist/Assoc Prof., Nanyang Tech. Univ., Sch. Chem. Biomed. Eng., Singapore
2005 - 2008	Research Associate, Duke University, Durham, NC, Biomedical Eng.
2006 - 2005	Postdoctorate Fellow, Univ. of Michigan, Ann Arbor, MI, Biomedical Eng.

SELECTED PUBLICATIONS

Advanced Functional Materials, e21445, October 2025
Light: Science & Applications, 14,
335, September 2025
Small, 2506026, August 2025
Science Advances, 11(32), eadx6491,
August 2025
Nature Communications, 16,5689,
July 2025
Advanced Materials, 2503976, June
2025
Advanced Science , 12(27), 2503120,
April 2025
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ACS Nano, 19(20), 19353, April 2025
Advanced Materials, 2413178,
December 2024
Science Translational Medicine,
16(763), September 2024
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