Assistant Professor. Sang-Hoon Bae

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Sang-Hoon Bae is an Assistant Professor at Washington University in St. Louis since 2021. He received his Ph.D. degree in the Department of Materials Science and Engineering from UCLA and was then a postdoctoral research associate at MIT. His work is to develop high-quality nanomaterials including 2D materials and 3D nanomembranes. Based on the high-quality nanomaterials, his team create new architecture where materials secrets can be discovered. He is a recipient of multiple awards such as AFOSR DEPSCoR award (2025), Rising star from Advanced Materials (2025), breakthrough of the year 2024 from Falling Walls Foundation (2024), finalist for Rising Stars of Light from Light Science and Applications (2023), Hanwha Junior Faculty Award, (2023), SAMSUNG Global Research Outreach Award (2022), EMA early career researcher's contribution (2022). He has published over 100 papers (citations >15,000 and an h-index >55).