Dr Gokay Avci

Research Fellow in Computational Chemistry and Physics
University College London
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Experience

Dr. Gokay Avci has been awarded a BSc and an MSc in Materials Science and Engineering from Sabanci University, Istanbul with a minor in Chemistry in 2013 and 2015. After working on machinable green body ceramic composite systems, he gained interest in theoretical and computational chemistry, where he was awarded a PhD in Materials Science and Engineering from Koç University, Istanbul in 2021.

Research Interests

Through his PhD, he developed high throughput computational screening methodologies to identity metal organic frameworks for gas capture and membrane applications. Later he moved to the UK, and has been a research associate at Imperial, London since 2022. In October 2025, he started a new position as a Research Fellow in Computational Chemistry and Physics at University College London.

His multidisciplinary approach has stemmed from numerous national and international collaborations, and he is a strong advocate of collaborative and interdisciplinary science.