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Biography

Kazuhiro Umetani received the M.S. and Ph.D. degrees in geophysical fluid dynamics from Kyoto University, Japan, in 2004 and 2007, respectively, and the second Ph.D. degree in electrical engineering from Shimane University, Japan, in 2015. From 2007 to 2008, he was a Circuit Design Engineer with Toshiba Corporation. From 2008 to 2014, he was with the Power Electronics Group, DENSO Corporation. From 2014 to 2020, he was an Assistant Professor with the Okayama University, Japan. From 2020 to 2021, he was an Associate Professor with the Tohoku University, Japan. From 2021 to 2025, he was an Associate Professor with the Okayama University, Japan. He is currently a Professor with the Kyushu University, Fukuoka, Japan. His research interests include new circuit configurations in power electronics and power magnetics for applications in various industries.