



Ebrahim Babaei was born in Ahar, Iran, in 1970. He received the B.S. degree in Electronic Engineering and the M.S. degree in Electrical Engineering from the Department of Engineering, University of Tabriz, Tabriz, Iran, in 1992 and 2001, respectively, graduating with first class honors. He received the Ph.D. degree in Electrical Engineering from the Department of Electrical and Computer Engineering, University of Tabriz, in 2007.

In 2007, he joined the Faculty of Electrical and Computer Engineering, University of Tabriz. He was an Assistant Professor from 2007 to 2011, an Associate Professor from 2011 to 2015 and has been Professor since 2015. He is the author and co-author of one book and more than 520 technical journal and conference papers. Some of them are joint publications with prestigious international researchers. He also holds 25 patents in the area of power electronics. According to Google Scholar, he has a Hirsch factor of $H=43$ and more than 8400 citations. His current research interests include the analysis, modelling, design, and control of Power Electronics Converters and their applications, Renewable Energy Sources, and FACTS Devices.

Prof. Babaei has been the Editor-in-Chief of the *Journal of Electrical Engineering of the University of Tabriz* since 2013. He is also currently an Associate Editor of the *IEEE Transactions on Industrial Electronics*, an Associate Editor of the *IEEE Transactions on Power Electronics*, an Associate Editor of the *Iranian Journal of Science and Technology*, *Transactions of Electrical Engineering*, and an Associate Editor of the *IEEE Open Journal of the Industrial Electronics Society*. He has been the Corresponding Guest Editor for two special issues in the *IEEE Transactions on Industrial Electronics*. In addition, Prof. Babaei has been the Technical Program

Chair, Track Chair, organizer of different special sessions and Technical Program Committee member in most important international conferences organized in the field of Power Electronics (more than 50 International Conferences).

Several times, he was the recipient of the Best Researcher Award from the University of Tabriz and Best Paper Award from different international conferences. He also received the Prize Winner and Award of 2016 Outstanding Reviewer from IEEE Transactions on Power Electronics. Prof. Babaei has earned inclusion on the list of the Top One Percent of World's Scientists and Academics according to Thomson Reuters' list since 2015.

Prof. Babaei was the supervisor and advisor of more than 18 Ph.D. and 220 Master students. He is also currently the supervisor and advisor of more than 30 Postdoc, Ph.D. and Master students of different universities. Prof. Babaei is a Senior Member of IEEE, a member of IEEE Power Electronics Society and IEEE Industrial Electronics Society. He is also a member of Power Electronics Society of Iran (PESI) and Iranian Productivity Association for Power Industry. From Oct. 1st to Dec. 30th 2016, he was a Visiting Professor at the University of L'Aquila, Italy, as well as at Near East university, North Cyprus, since 2017.