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He is the General Chairman of the IEEE Industrial Electronics Society GOLD and Students Activities and an Associate Editor of Power Electronics. He holds five patents on control of grid-connected power converters.

He has co-authored around 25 papers in ISI journals and about 90 papers in international conferences. His research interest includes the control wind and PV power systems under generic grid conditions, grid synchronization, medium-voltage converters, HVDC-FACTS, energy storage.

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