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Research Interests: Circuits and Systems for Wireless, Biomedical and Analytical Chemistry Applications

Research Contribution

73 Journal Papers	111 Conference Papers	37 International/Local Seminars	26 Research Grants
5 Books/Book Chapters	22 US Patents (granted/filed)	3 International Tutorials	40 PhD/Master Students
▪ [Book'15] Zhicheng Lin, Pui-In Mak and R. P. Martins, <i>Ultra-Low-Power and Ultra-Low-Cost Short-Range Wireless Receivers in Nanoscale CMOS</i> , Series of Analog Circuits and Signal Processing, Springer Press.			
▪ [Book'12] Pui-In Mak and R. P. Martins, <i>High-Mixed-Voltage Analog and RF Circuit Techniques for Nanoscale CMOS</i> , Series of Analog Circuits and Signal Processing, Springer Press.			
▪ [Book'07] Pui-In Mak, Seng-Pan U and R. P. Martins, <i>Analog-Baseband Architectures and Circuits for Multistandard and Low-Voltage Wireless Transceivers</i> , Series of Analog Circuits and Signal Processing, Springer Press.			

Contribution and Recognition with IEEE

IEEE Circuits and Systems Society (CASS) <ul style="list-style-type: none">22 Papers in CASS Journals (TCAS-I/II, TBCAS, TVLSI, CAS Mag.)CASS Board-of-GovernorCASS Distinguisher LecturerCASS Chapter-of-the-Year AwardCASS Outstanding Young Author AwardTCAS-II Best Associate Editor AwardSenior Editor, JETCASAssociate Editor, TCAS-I (two terms)Associate Editor, TCAS-II (two terms)Associate Editor, CASS NewsletterPaper Awards in MWCAS, APCCAS and ASICONCertificate for Outstanding ISCAS TutorialTPC/Co-Organizer of ISCAS and APCCASTutorial Speaker of ISCAS, APCCAS and VLSI-DATTPC Vice Co-Chair, ASP-DAC	IEEE <ul style="list-style-type: none">Editorial Board Member, IEEE PressGuest Editor, RFIC Virtual Journal (CASS, SSCS, MTTs)Associate Editor, IEEE PotentialsGOLD Achievement Award, IEEE Member and Geographic Activities (MGA) Board IEEE Solid-State Circuits Society (SSCS) <ul style="list-style-type: none">8 Papers in SSCS Journals (JSSC)7 ISSCC Papers + 3 ISSCC Student Research Previews1 Paper in 2014 ISSCC Technical HighlightsTPC Member of A-SSCC1 ISSCC/DAC Design Contest Award2 SSCS Pre-Doctoral Achievement Awards [as advisor]2 ISSCC Student Travel Grant Awards [as advisor] IEEE Microwave Theory and Techniques Society (MTTS) <ul style="list-style-type: none">9 Papers in MTTs Journals (TMTT, MWCL, Microwave Mag.)
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International and National Awards

<ul style="list-style-type: none">Excellence in INNOVATION, Business Awards of Macau (2014)Macau Science and Technology Invention Award, Macau Government (2012, 2014)Best Paper Award, Asia Symposium on Quality Electronic Design (2013)National Scientific and Technological Progress Award, China Government (2011) [1st time in Macau]Academic Staff Award, University of Macau (2011)Research Excellence Award (Emerging Scholar), University of Macau (2010)Visiting Fellowship, University of Cambridge, UK (2009)Honorary Title of Value Decoration, Macau Government (2005)
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