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学位：博士
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教育经历

2008.09-2013.08	Sogang University	博士
2006.09-2008.08	Korea Maritime and Ocean University	硕士
2002.09-2006.06	青岛大学	学士

工作经历

2013.09-2015.09	RF R&D Center, KMW Inc., South Korea	Senior Research Engineer
主要工作职责： 1) 5G通信基站用新型高性能小型化滤波器研究 2) 新型电磁功能材料及其在滤波器、天线中的应用研究 3) 量产滤波器Auto-Tuning设备开发		
2015.12-至今	湖北大学 计算机与信息工程学院	讲师

研究方向

- 微波毫米波电路与系统及计算机仿真技术研究
- 新型微波/射频器件及微波集成电路研究
- 电磁超材料 (Metamaterial) 结构设计及应用
- 电子电路与无线通信系统

学术荣誉

- IEEE member of the Microwave Theory and Techniques Society (MTT-S)
- Member of the Korean Institute of Electromagnetic Engineering and Science
- IEEE Microwave and Wireless Components Letters 和 IET Microwaves, Antennas & Propagation 等学术期刊审稿人

发表文章

● 主要期刊论文

- 1) **Xuguang Wang**, Geonho Jang, Boram Lee, and Namshin Park, “Compact quad-mode bandpass filter using modified coaxial cavity resonator with improved Q-factor,” *IEEE Transactions on Microwave Theory and Techniques*, vol. 63, no. 3, pp. 965-975, Mar. 2015. (IF=2.243)
- 2) **Xuguang Wang**, Young-Ho Cho, and Sang-Won Yun, “A tunable combline bandpass filter loaded with series resonator,” *IEEE Transactions on Microwave Theory and Techniques*, vol. 60, no. 6, pp. 1569-1576, Jun. 2012. (IF=2.243)
- 3) **Xuguang Wang**, Young Yun, and In-Ho Kang, “Compact multi-harmonic suppression LTCC bandpass filter using parallel short-ended coupled-line structure,” *ETRI Journal*, vol. 31, no. 3, pp. 254-262, Jun. 2009. (IF=0.771)
- 4) Young-Ho Cho, **Xuguang Wang**, and Sang-Won Yun, “Design of dual-band interdigital bandpass filters using both series and shunt resonators,” *IEEE Microwave and Wireless Components Letters*, vol. 22, no. 3, pp. 111-113, Mar. 2012. (IF=1.703)
- 5) In-Ho Kang, **Xuguang Wang**, Young Yun, and Hongchao Zhang, “Theoretical analysis on attenuation of the 5GHz miniaturized GaAs MMIC bandpass filter,” *Microwave Journal*, vol. 51, no. 7, Jul. 2008. (IF=0.337)
- 6) Hyung-Il Baek, Young-Ho Cho, **Xuguang Wang**, Hye-Min Lee, and Sang-Won Yun, “Design of a reconfigurable active bandpass filter based on a controllable slope parameter,” *IEEE Microwave and Wireless Components Letters*, vol. 21, no. 12, pp. 670-672, Dec. 2011. (IF=1.703)
- 7) Namshin Park, Young-Ho Cho, **Xuguang Wang**, and Sang-Won Yun, “Triple-mode filter using a spherical dielectric resonator and coupling structures,” *Microwave Journal*, vol. 57, no. 5, May 2014. (IF=0.337)

● 主要会议论文

- 1) **Xuguang Wang**, “Miniaturization techniques of bandpass filter for base-station applications,” Speech at *the 1st Vietnam-Korea Joint Workshop on Electromagnetics: Current Trends and Future Prospects*, Jun. 19, 2015, Hanoi, Vietnam. (Invited Talk)
- 2) **Xuguang Wang**, Young-Ho Cho, Kuk-Jin Chun, and Sang-Won Yun, “Microstrip dual-mode bandpass filter using CPW-fed triangular loop resonator with controllable attenuation pole,” in *Asia-Pacific Microwave Conference*, Dec. 2010, pp.1879-1882.
- 3) Namshin Park, Young-Ho Cho, **Xuguang Wang**, and Sang-Won Yun, “Compact triple-mode bandpass filter using spherical dielectric resonator,” in *Proc. European Microw. Conf. (EuMC)*, Oct. 2013, pp. 810-813.
- 4) Mengjian Bao, **Xuguang Wang**, Young-Ho Cho, Sang-Won Yun, and Dong-Chul Park, “Design of a four-pole wide stopband bandpass filter using combined quarter-wavelength resonators and stub-loaded SIR,” in *Asia-Pacific Microwave Conference*, Dec. 2012, pp. 115-117.
- 5) Jae-Won Choi, In-Sung Jeon, Young-Ho Cho, **Xuguang Wang**, and Sang-Won Yun, “Design of the wide stopband dual-band bandpass filter using stepped-impedance resonators with complex coupled line,” in *IEEE MTT-S International Microwave Symposium*, Jun. 2013, pp. 1-4.