



当前位置: 首页 > 师资队伍 > 副教授 > 正文

吴琼森

2021-11-06 作者: 编辑: 微电子学院 来源: 点击: [248]



广东工业大学集成电路学院特聘副教授、硕导

一、基本信息

吴琼森, 博士、广东工业大学“青年百人计划”特聘副教授, 2018年6月加入广东工业大学。主要研究方向包括射频宽带阻抗匹配电路, 宽带圆极化贴片天线, 滤波天线, 周期结构传输线, 宽带功率分配器, 滤波器。目前已发表SCI期刊论文20余篇, 主持国家自然科学基金青年基金1项, 并参与多项国家和省部级重点研发项目。

二、代表性论文

- [1]. **Qiong-Sen Wu**, Xiao Zhang, Lei Zhu, Jing Wang, Gary Zhang, and Chun-Bing Guo, "A single-layer dual-band dual-sense circularly-polarized patch antenna array with small frequency ratio," **IEEE Transactions on Antennas and Propagation**, early access.
- [2]. **Qiong-Sen Wu**, Xiao Zhang, and Lei Zhu, "A wideband circularly polarized patch antenna with enhanced axial ratio bandwidth via co-design of feeding network," **IEEE Transactions on Antennas and Propagation**, vol. 66, no. 10, pp. 4996–5003, Oct. 2018.
- [3]. **Qiong-Sen Wu**, Xiao Zhang, and Lei Zhu, "Co-design of a wideband circularly polarized filtering patch antenna with three minima in axial ratio response," **IEEE Transactions on Antennas and Propagation**, vol. 66, no. 10, pp. 5022–5030, Oct. 2018.
- [4]. **Qiong-Sen Wu**, Xiao Zhang, and Lei Zhu, "A feeding technique for wideband CP patch antenna based on 90° phase difference between tapped-line and parallel coupled-line," **IEEE Antennas Wireless Propagation Letters**, vol. 18, no. 7, pp. 1468–1471, 2019.
- [5]. **Qiong-Sen Wu**, Xiao Zhang, Lei Zhu, and Gary Zhang, "Wideband circularly polarised patch antenna with multi-section $\lambda/4$ transmission lines," **Electronic Letters**, vol. 55, no. 22, pp. 1172–1174, 2019
- [6]. **Qionsen Wu**, Lei Zhu, and Xiao Zhang, "Filtering patch antenna on $\lambda/4$ -resonator filtering topology: synthesis design and implementation," **IET Microwaves, Antennas & Propagation**, vol. 11, no. 15, pp. 2241–2246, Oct. 2017.
- [7]. **Qiong-Sen Wu** and Lei Zhu, "Wideband impedance transformers with good frequency selectivity based on multisection quarter-wave lines and short-circuited stubs," **IEEE Microwave and Wireless Components Letters**, vol. 26, no. 5, pp. 337–339, May 2016.
- [8]. **Qiong-Sen Wu** and Lei Zhu, "Numerical de-embedding of effective wave impedances of substrate integrated waveguide with varied via-to-via spacings," **IEEE Microwave and Wireless Components Letters**, vol. 26, no. 1, pp. 1–3, Jan. 2016.
- [9]. **Qiong-Sen Wu** and Lei Zhu, "Synthesis design of a wideband impedance transformer consisting of two-section coupled lines," **IET Microwaves, Antennas & Propagation**, vol. 11, no. 1, pp. 144–150, Jan. 2017.
- [10]. **Qiong-Sen Wu** and Lei Zhu, "Wideband impedance transformers on parallel-coupled and multisection microstrip lines: synthesis design and implementation," **IEEE Transactions on Components, Packaging and Manufacturing Technology**, vol. 6, no. 12, pp. 1873–1880, Dec. 2016.

[11].**Qiong-Sen Wu** and Lei Zhu, "Short-ended coupled-line impedance transformers with ultrahigh transforming ratio and bandpass selectivity suitable for large load impedances," **IEEE Transactions on Components, Packaging and Manufacturing Technology**, vol. 6, no. 5, pp. 767–774, May 2016.

联系地址：广州市番禺区广州大学城外环西路100号

联系方式：qionsenwu@gdut.edu.cn

邮政编码：510006

上一条：陈卓著

[【关闭】](#)

[学校主页](#)

[网上办事大厅](#)

[学校财务系统](#)

[新闻通知网](#)

[集成电路创新研究院](#)

[广州国家IC基地](#)

[就业指导中心](#)

[教学服务中心](#)



官方微信

邮箱：smegdut@163.com / 地址：广州市番禺区广州大学城外环西路100号(510006) / 访问人数: 0000016261

广东工业大学微电子学院版权所有 粤ICP备05008833号