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Yong-Xin Liu is a Professor with School of Physics in Dalian University of Technology (DUT). He obtained his B.S. degree in Physics in 2008 and received Ph.D degree in Plasma Physics in 2013 in DUT, China, whereafter he worked as an assistant Professor there since 2013. From 2016 to 2017, he was working as a visiting scholar with Prof. V M Donnelly and D J Economou in Houston University, TX, USA. In 2017, his research topic “low pressure capacitively coupled rf plasma physics” was financially supported by the *Excellent Young Science Foundation of China*. In the same year, he was awarded the “DPP Young Research Award” by the Division of Plasma Physics, AAPPS. At the end of 2017, he acquired the title of professor with School of Physics in DUT. He has authored/co-authored more than 40 refereed journal papers, such as Physical Review Letters, Applied Physics Letters, Plasma Sources Sci. & Technol., etc., and has made more than 10 oral presentations in the international conferences. His research interest includes: charged species dynamics in RF plasmas, electromagnetic effects in very-high-frequency capacitively coupled plasmas, electron heating mechanism in a capacitive rf discharge, etc.