

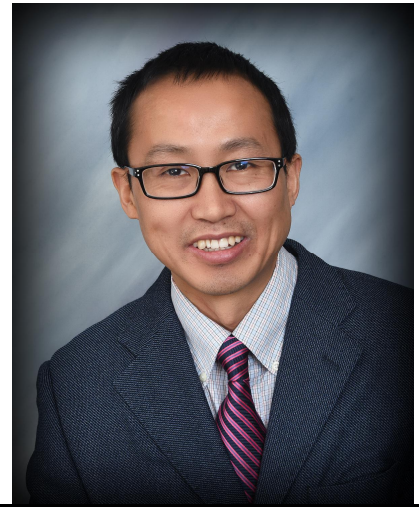
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Prof. XinPei Lu

HuaZhong University of Science and Technology,
P.R. China



XinPei Lu, Ph.D., has been working with non-thermal plasma for over 20 years. His expertise includes the use and applications of atmospheric pressure non-thermal plasma sources, including DBD, plasma jet and air glow discharge, among others. Additional areas of expertise include plasma diagnostics, such as millimeter wave interferometer, infrared laser interferometer, laser-induced fluorescence, optical emission spectroscopy, fast image, and schlieren photography, as well as discharge inside and above liquids and biomedical applications of plasma.

Dr. Lu has authored or co-authored over 160 peer-reviewed scientific articles including two invited papers on Physics Reports with over 6,000 total citations and with H-index of 35. He is also the inventor of eleven patents. He has been invited to speak as a subject matter expert at over 20 international conferences worldwide including in USA, Australia, Germany, South Korea, and so on. He was the recipient of several awards including the first Early Career Award of Plasma Medicine from the International Plasma Medicine Society (IPMS), the ChangJiang Scholar Award from Department of Education of China, the Outstanding Young Investigator Award from National Natural Science Foundation of China. He is the Highly Cited Researcher in non-thermal plasma filed in China according to Elsevier. His work has been reported by Science, Nature, American Institute of Physics, Institute of Physics of UK, and so on.