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XinPei Lu, Ph.D., Professor since 2007, 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, plasma diagnostics, and plasma medicine.

Dr. Lu has authored or co-authored over 170 peer-reviewed scientific articles including two in Physics Reports and one in Materials Science & Engineering R with over 6,000 citations and with H-index of 41. He is also the inventor of twelve patents. He invented the first ever handheld air plasma jet driven by battery. He has been invited to speak as a subject matter expert at over 30 plenary/invited sessions worldwide. He was the recipient of several awards including 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.