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| 个人简历 | 研究员，中科院安徽光机所副所长。多次承担和参加国家863、国家民用航天、中科院方向性创新项目。曾先后获国家、环保部、安徽省科技进步奖。获得安徽省“十佳”女科技工作者和安徽省“三八”红旗手荣誉称号、“科技奥运先进个人”荣誉称号、第十届“安徽青年科技奖”、第三届“中国科学院十大杰出妇女”提名奖、“全国三八红旗手”荣誉称号、全国“巾帼建功标兵”荣誉称号、中国环境科学学会第十届“优秀环境科技工作者奖”。 | | | |
| 研究方向 | 主要从事环境污染光学监测新技术和光学遥测技术研究。 | | | |
| 招生专业 | 光学、环境工程专业，大气成分光谱探测技术、区域大气污染观测研究方向 | | | |
| 代表性科研成果 | 1) Observation of CO2 regional distribution using an Airborne Infrared Remote Sensing Spectrometer System in the North China Plain - Remote Sensing - 2019 - 20191100123  2) Simultaneous measurement of NO and NO2 by a dual-channel cavity ring-down spectroscopy technique - Atmospheric Measurement Techniques - 2019 - 2019, 12(6): 3223-3236  3) Development of a field system for measurement of tropospheric OH radical using laser-induced fluorescence technique - Optics express - 2019 - 2019, 27(8): A419-A435.  4) Ground-based MAX-DOAS observations of tropospheric formaldehyde VCDs and comparisons with the CAMS model at a rural site near Beijing during APEC 2014 - Atmospheric Chemistry and Physics - 2019 - 2019, 19(5): 3375-3393  5) Ground-based MAX-DOAS observations of tropospheric aerosol,NO2,SO2andHCHO in Wuxi,China,from 2011to2014 - Atmos. Chem. Phys. - 2017 - 17, 2189-2215，  6) Emission Flux Measurement Error with a Mobile DOAS System and Application to NOx Flux Observations, - Sensors - 2017 - 17, 231  7) Diode laser CRDsfor in situ measurement of NO3 radical in ambient air - J Quant Spectrosc Radiat Transfer - 2015 - 166: 23–29 | | | |