华南理工大学化学与化工学院老师简介

<table>
<tr><td>姓名</td><td>汪凌云</td><td>性别</td><td>女</td><td>出生年月</td><td>1978.7</td><td>籍贯</td><td>安徽.绩溪</td><td rowspan="3">  </td></tr>
<tr><td>职称</td><td>教授</td><td>民族</td><td>汉</td><td>最高学位</td><td>博士</td><td>党派</td><td>中共党员</td></tr>
<tr><td>招生专业</td><td colspan="3">有机化学</td><td>研究方向</td><td colspan="3">生物有机与功能材料</td></tr>
<tr><td>主要学习工作简历和主要学术兼职</td><td colspan="8">教育经历
1996.9-2000.6 安徽师范大学 学士
2000.9-2003.6 安徽师范大学 硕士
2003.9-2006.6 中山大学 博士

工作经历
2006.7-2008.10 华南理工大学 材料科学与工程学院 博士后
2008.11-2009.12 华南理工大学 化学与化工学院 助理研究员
2010.1-2014.12 华南理工大学 化学与化工学院 副教授，硕士生导师
2015.1-至今 华南理工大学 化学与化工学院 教授， 博士生导师

2012 年获得珠江科技新星称号, 2013 年获得广东省科学技术三等奖</td></tr>
<tr><td>科学研究情况简介</td><td colspan="8">研究兴趣
1. 新型小分子荧光探针的设计、合成和性能研究
2. 导电共轭高分子设计、合成和性能研究
3. 基于导电共轭高分子的生物传感器

主持项目
1. 广州市珠江科技新星专项（201904010414，2019.4-2021.3）
2. 广东省自然科学基金重点项目(2016A030311034, 2016.6-2019.6)
3. 广东省自然科学基金自由申请项目(2015A030313209, 2015.8-2018.8)
4. 国家自然科学基金面上项目（21274045，2013.1-2016.12）
5. 国家自然科学青年基金（20904010，2010.1-2012.12）
6. 广州市珠江科技新星专项（2012J2200009，2012.7-2015.6）
7. 华工中央高校重点项目（2015ZZ037，2015.1-2016.12）
8. 华工中央高校重点项目（2013ZZ067，2013.1-2014.12）
9. 华工中央高校面上项目（2009ZM0170，2010.1-2011.12）
10. 广东省自然科学基金（07300602， 2007.12-2009.12）

代表性文章
(1) Mingming Cui, Wenting Li, Lingyun Wang*, Lingshan Gong, Hao Tang, Derong Cao, Twisted intramolecular charge transfer plus aggregation-enhanced emission active based quinoxaline luminogen: photophysical properties and a light-up fluorescent probe for glutathione, Journal of Materials Chemistry C, 2019, 7, 3779 – 3786 (Selected inside cover).
(2) Wenting Li, Lingyun Wang*, Hao Tang, Derong Cao, An interface-targeting and H_2O_2-activatable probe liberating AIEgen: enabling on-site imaging and dynamic movement tracking of lipid droplets, Chemical Communications, 2019, 55, 4491-4494.
(3) Lanqing Li, Wenting Li, Xueguang Ran, Lingyun Wang*, Hao Tang, Derong Cao*, A highly efficient, colorimetric and fluorescent probe for recognition of aliphatic primary amines based on a unique cascade chromophore reaction, Chemical Communications, 2019, 55, 9789-9792.
(4) Fuyong Wu, Lingyun Wang*, Hao Tang, Derong Cao, Excited state intramolecular proton transfer plus aggregation-induced emission based diketopyrrolopyrrole luminogen: photophysical properties and</td></tr>
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	simultaneously discriminative detection trace water in three organic solvents, ***Analytic Chemistry***, 2019, 91 (8), 5261–5269. (5) Wei Xiong, **Lingyun Wang***, Hao Tang, Derong Cao, A multistimuli-response fluorescent switch in the solution and solid state based on spiro[fluorene-9,9'-xanthene]–spiropyran, ***Journal of Materials Chemistry C***, 2019, 7, 9102-9111. (6) **Lingyun Wang***, Shaochun Zhuo, Hao Tang, Derong Cao, A near-infrared turn on fluorescent probe for cysteine based on organic nanoparticles, ***Sensors and Actuators B: Chemical***, 2018, 277, 437-444, (7) **Lingyun Wang***, Lanqing Li, Derong Cao, A BODIPY- based dye with red fluorescence in solid state and used as a fluorescent and colorimetric probe for highly selective detection of cyanide, ***Sensors and Actuators B: Chemical***, 2017, 239, 1307-1317 (ESI 被引频次 1%~10%) (8) Lanqing Li, **Lingyun Wang***, Hao Tang, Derong Cao, A facile synthesis of novel near-infrared pyrrolopyrrole aza-BODIPY luminogens with aggregation-enhanced emission characteristics, ***Chemical Communications*** 2017, 53: 8352-8355. (9) Wei Cui, Hao Tang, Linxian Xu, **Lingyun Wang***, Herbert Meier, Derong Cao*, Pillar[5]arene-diketopyrrolopyrrole fluorescent copolymer: a promising recognition and adsorption material for adiponitrile by selective formation of a conjugated polypseudorotaxane, ***Macromolecular Rapid Communications*** 2017, 38,文献号：1700161, (10) **Lingyun Wang***, Lanqing Li, Derong Cao, A BODIPY- based dye with red fluorescence in solid state and used as a fluorescent and colorimetric probe for highly selective detection of cyanide, ***Sensors and Actuators B: Chemical***, 2017, 239, 1307-1317, DOI: 10.1016/j.snb.2016.09.112 (ESI 被引频次 1%~10%) (11) **Lingyun Wang***, Simei Wu, Hao Tang, Derong Cao, An efficient probe for sensing different concentration ranges of glutathione based on AIE-active Schiff base nanoaggregates with distinct reaction mechanism, ***Sensors and Actuators B: Chemical***, 2018, 273, 1085-1090. (12) **Lingyun Wang***, Lanqing Li, Derong Cao, Synthesis, photoluminescence, chromogenic and fluorogenic discrimination of fluoride and cyanide based on a triphenylamine-tri(2-formyl BODIPY) conjugate, ***Sensors and Actuators B: Chemical***, 2017, 241, 1224-1234, (13) **Lingyun Wang***, jiajie Ou, Guipo Fang, Derong Cao, A fluorescent turn-on probe for detection of HSO_4^- ion based on hydrolysis of BODIPY-derived Schiff base with chromogenic and fluorogenic dual signals, ***Sensors and Actuators B: Chemical***, 2016, 222, 1184-1192. (3) **Lingyun Wang***, Lanqing Li, Derong Cao, Dual binding site assisted chromogenic and fluorogenic discrimination of fluoride and cyanide by boryl functionalized BODIPY, ***Sensors and Actuators B: Chemical***, 2016, 228, 347-359. (4) **Lingyun Wang***, Guipo Fang, Derong Cao, Synthesis, characterization and detection of Concanavalin A based on a mannose-substituted conjugated polymer through aggregation-enhanced FRET, ***Sensors and Actuators B: Chemical***, 2016, 229, 47-56. (5) **Lingyun Wang***, Lingling Yang, Derong Cao, Synthesis, characterization and fluorescence "turn-on" detection of BSA based on the cationic poly(diketopyrrolopyrrole-*co*-ethynylfluorene) through deaggregating process, ***Sensors and Actuators B: Chemical***, 2016, 231, 733-743.
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