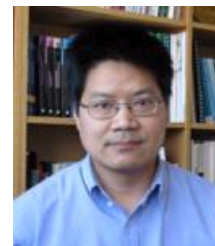




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### 简历:

侯小琳,1966年生于陕西省武功县,博士、研究员、博士生导师。曾获西北大学化学学士学位,中国原子能科学研究院核化学化工硕士学位,1997年获中国科学院高能物理研究所核分析技术博士学位。1991-1994年就职于中国原子能科学研究院任实习研究员、助理研究员。1998-2001年于丹麦里瑟国家实验室(Risø National Laboratory, Denmark)从事博士后研究。2001-2003年受聘于丹麦里瑟国家实验室任副研究员(Scientist),2003年以来被聘为终身职位研究员(Senior Scientist)。2007年里瑟国家实验室并入丹麦科技大学(Technical University of Denmark),任该校核研究中心研究员、博士生导师,负责放射分析实验室。2009年被聘为中科院地球环境研究所研究员。

侯小琳研究员1991年以来一直从事核和放射分析以及放射性同位素在环境和地球科学中应用研究。成功利用<sup>129</sup>I的示踪作用研究了北欧地区海水运动与交换过程,深入研究了不同环境中碘的化学行为,开发了低碘含量样品中碘的无载体分离方法及其超微量<sup>129</sup>I的加速器质谱测定方法。他所提出的一些放射性核素分析测试方法已被世界其它同类实验室广泛应用。曾参与丹麦两座核反应堆的退役,负责退役核废物的表征。作为项目负责人曾主持了3项国际和3项丹麦科学研究基金项目,3项国家自然科学基金课题、一项中科院重要方向性研究课题和一项科技部创新方法专项项目。参加了3项欧盟框架协议项目。已在科技期刊发表研究论文130多篇,其中第一作者和通信作者论文73篇,SCI论文101篇,近5年来SCI论文45篇,SCI引用1100多次,平均引用率10.8, H-index为19。由Wiley-VCH出版英文专著一部,为5部英文专著和百科全书撰写6个章节。已培养博士后和博士5名、在读(研)博士后和博士生6名。目前担任国际原子能机构特聘专家、国际核化学学会主席团成员和欧洲化学与分子科学联合会放射化学学会理事。SCI期刊J. Radioanal. Nucl. Chem.编委,国际核化学学会会刊INCS News编辑,和另外3个国际期刊编委。曾担任美国国家科学基金等4个科研基金的评审专家。担任Anal. Chem., Environ. Sci. Technol., Anal. Chim Acta等20多个SCI期刊的评审专家。曾获中国化学会青年化学奖、中国核工业部级科技进步二等奖一项(第一获奖人)和三等奖二项(第一获奖人)。

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### Papers in peer reviewed Journals:

- Shi K., Qiao J.X., Roos P., Wu W.S., Hou X.L.\* Rapid determination of technetium-99 in large volume seawater samples using sequential injection extraction chromatographic separation and ICP-MS measurement, Anal. Chem., 2012, 84 (15), 6783 - 6789
- Peng Y., Aldahan A., Possnert G., Hou X.L., Hansen V., Wang B., <sup>127</sup>I and <sup>129</sup>I species and transformation in the Baltic proper, Kattegat and Skagerrak Basins, Environ. Sci. Technol., 2012, 46 (20), pp 10948 - 10956
- Hou X.L.\*, Hou Y.K., Analysis of <sup>129</sup>I and its Application as Environmental Tracer, J. Anal. Sci. Technol., 2012, 3,135-153.

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- Zhang L.Y., Hou X.L.\*, Zhou N., Chen N., Liu Q., Luo M.Y., Fan Y.K., Fu Y.C., Performance of accelerator mass spectrometry for  $^{129}\text{I}$  using AgI-AgCl carrier free coprecipitation, *Nucl. Instr. Method B.*, 2012, <http://dx.doi.org/10.1016/j.nimb.2012.06.023>.
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