




蓝伟光

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基本资料

姓名:	蓝伟光	
性别:	男	
政治面貌:	其它	
职称:	教授	
学生培养:	共培养硕士10人	
主要研究与教学领域:	膜分离科学与技术的研究、膜材料研究开发; 环境工程, 膜技术与水处理, 科研成果工业化	个人相片

个人简介

蓝伟光博士, 1985年毕业于厦门大学化学系, 1995年毕业于新加坡国立大学化学系。新加坡国籍, 国际知名的膜分离技术专家, 美国科学促进会会员、新加坡化学协会会员、中国膜工业协会副秘书长, 中国海水淡化学会副会长, 新加坡中资企业协会名誉理事, 新加坡中华总商会商务委员。曾主持多项国家、省、市有关部门的重点科技攻关与示范项目, 在国内外知名学术刊物发表论文数十篇, 开发出300多项先进的分离工艺, 并成功应用于传统工业的改造升级, 创造了显著的经济与社会效益, 拥有多项专利暨国际领先的膜应用成果。曾获《亚洲周刊》“亚洲杰出华人青年企业家奖”, 国务院侨办“杰出创业奖”, 中国技术市场协会“金桥梁”及新加坡国立大学“杰出校友奖”。

创办的新加坡三达科技集团于2003年6月18日在新加坡主板成功上市, 目前市值约人民币二十多亿元, 该集团的核心企业三达膜科技(厦门)有限公司致力于开发并推广膜分离技术与清洁生产相关工艺, 为客户提供解决问题的综合方案, 为客户提供高质量产品、降低资源消耗、增加生产率、减少环境污染, 是中国生物膜工业领域的领头羊, 占领了中国医药行业膜应用市场的50%, 活性染料行业膜应用市场的85%, 并广泛涉及石化、冶金、食品、环保等众多领域。

个人经历

工作经历

1985-1992 厦门水产学院任讲师;
 1993-1996 任凯能高科技工程(上海)有限公司董事兼总经理;
 1996-至今 任三达膜科技(厦门)有限公司董事长;
 1997-至今 任厦门大学化工学院/材料科学与工程系教授;
 2002-至今 任新加坡三达集团董事局主席;
 2004-至今 任南昌大学教授、博士生导师;
 2007-至今 任北京大学教授、博士生导师。

教育经历

1985-1992 厦门水产学院任讲师;
 1997-至今 任厦门大学化工学院/材料科学与工程系教授;
 2004-至今 任南昌大学教授、博士生导师;
 2007-至今 任北京大学教授、博士生导师。

科研成果

学术专著与论文

- 1、 Studies on processing prawn head into condiment through liquefaction. Journal of Xiamen Fisheries College, 1989, 11, 59-63.
- 2、 Application of the polarographic wave absorption of phosphorus to food analysis. Journal of Xiamen Fisheries College, 1990, 12, 21-27.
- 3、 Toxicity studies of heavy metals on prawns. Fujian Fisheries, 1990, 11. 41-45.
- 4、 Oscillopolarographic determination of microamount chromium in seafood. Journal of Xiamen Fisheries College, 1990, 12, 48-53.
- 5、 Determination of various species of phosphorus in seawater. Acta Oceanologica Sinica, 1990, 12, 596-602.

6. Determination of phosphorus in seawater sediment & algae by oscillopolarography. Marine Environmental Science, 1990, 9, 100-104.
7. Acute toxicity of ammonia and nitrite to larvae of red bream, pagrus major. East China Sea Symposium, 1990, 37-41.
8. Analysis of chemical forms of chromium in sea water. Journal of Xiamen Fisheries College, 1991, 13, 70-78.
9. Acute Toxicity of Hg, Cu, Cd, Zn to Larvae of red sea bream, chrysophrys major. Marine Science, 1991, 5, 56-60.
10. Effect of heavy metals on enzymatic activity of the red sea bream tissues. Acta Oceanologica Sinica, 1993, 15, 92-97.
11. Orthogonal array design as a chemometric method for the optimization of analytical procedures. Part 1. Two-level design and its application in microwave dissolution of biological samples. Analyst, 119, 1659-1667.
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13. Orthogonal array design as a chemometric method for the optimization of analytical procedures. Part 3. Five-level design and its application in polarographic reaction system for selenium determination. Analyst, 120, 273-280.
14. Orthogonal array design as a chemometric method for the optimization of analytical procedures. Part 4. Mixed-level design and its application to the high performance liquid chromatographic determination of polycyclic aromatic hydrocarbons. Analyst, 120, 281-288.
15. Orthogonal array design as a chemometric method for the optimization of analytical procedures. Part 5. Three-level design and its application in microwave dissolution of biological samples. Analyst, 120, 1115-1124.
16. Four-level orthogonal array design as a chemometric approach to the optimization of polarographic reaction system for phosphorus determination. Talanta, 41, 1917-1927.
17. in vitro effect of mercuric chloride on ATPase activity in kidney of the fancy carp cyprinus carpio. Comp. Biochem. Physiol., 104C, 307-310.
18. Kinetic studies of mercuric chloride on Na⁺/K⁺-ATPase activity in the kidney of fancy carp cyprinus carpio. Comp. Biochem. Physiol., 105B, 713-717.
19. Microwave digestion of fish tissue for selenium determination by differential pulse polarography. Talanta, 41, 53-58.
20. Comparison of four microwave digestion methods for the determination of selenium in fish tissue by using hydride generation atomic absorption spectrometry. Talanta, 41, 195-200.
21. Orthogonal array designs for the optimization of liquid chromatographic analysis of pesticides. Anal. Chim. Acta, 289, 371-380.
22. Optimization of liquid chromatographic parameters for the separation of priority phenols by using mixed-level orthogonal array design. Anal. Chim. Acta, 312, 271-280.
23. Orthogonal array designs for the optimization of solid-phase extraction. J. Chromatogr., 677, 255-263.
24. Effect of the combined copper, zinc, chromium and selenium by orthogonal array design on alkaline phosphatase activity in liver of the red sea bream chrysophrys major. Aquaculture, 131, 219-230.
25. Chemically stable nanofiltration membrane and its application in pharmaceutical industry. Part A. Theory. Information on Pharmaceutical industry, 11(4), 8-15.
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27. Membrane Process for the downstream processing of pharmaceutical industries. Proceeding of the 34th International Membrane Tehcnology Conference, Beijing, 125-128.
28. Recovery and concentration of erythromycin using membrane filtration systems. Proceeding of the 34th International Membrane Tehcnology Conference, Beijing, 271-273.
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31. 膜技术及其在食品中的应用, 厦门科技, 1999, (3), 7-8
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35. 基于膜分离技术的染料生产新工艺, 染料工业, 2001, 38 (5), 12-14
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40. 维生素C生产工艺进展, 中国医药工业杂志, 2001, 32 (1), 38-41
41. 超滤膜分离技术在头孢菌素C提纯中的应用, 中国医药工业杂志, 2001, 32 (11), 497-499
42. 分离膜材料的污染与清洗, 功能材料, 2002, 33 (1), 26-28
43. 树脂对6-氨基青霉烷酸的吸附研究, 福建化工, 2003, (4), 18-20
44. 基于膜分离过程的6-APA生产技术, 精细与专用化学品, 2002, (19), 13-14
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