



学院概况

- 历史沿革
- 师资队伍
- 学院简介

师资队伍

姓名: 孙彦 性别: 男 职称: 教授

姓名:	孙彦	民族:	汉
出生年月:	1961-12-00	电话:	27404981
职称:	教授	职务:	系主任

学习与工作简历:

讲授课程:

高等生物分离工程(研究生学位课, 40学时) 生物工程前沿(研究生双语, 40)

研究领域(方向):

生物分离工程, 复合生物过程, 生物催化

参加学术团体:

学术兼职教育部“长江学者奖励计划”特聘教授《Biochemical Engineering Journal》副主编
《天津大学学报》编委《过程过程学报》编委中国化工学会生物化工专业委员会委员 学术活动
1988. 5 Sixth International Conference on Fluidization, Engineering Foundation and AIChE, Banff, Canada. 1993. 9 日本九州大学工业化学科, 校际交流、讲学 1994. 6 Third Asia-Pacific Biochem. Eng. Conference, Singapore. 1996. 7 World Congress of Chem. Eng., San Diego, USA. 1996. 9-11 日本东京大学化学生命工学科, 客座研究员
1997.10 Fourth Asia-Pacific Biochem. Eng. Conference, Beijing, China. 1997. 9 General Secretary, Young Asian Biochemical Engineers' Community Tianjin, China. 1999.3-9 英国University of Birmingham, Senior Research Fellow 2002.12-03.2 德国 GKSS国家研究中心, Guest Scientist

课题成果:

研究成果: 论文133篇, 著作1部(生物分离工程), 专利6项。SCI收录论文78篇, 他引200余次。荣誉和奖励 1993 天津大学十杰青年 1993 天津市新长征突击手 1994 天津市“爱国爱市, 创业成才”优秀青年知识分子 1994 天津市首批跨世纪优秀人才 1995 国家教委“跨世纪优秀人才培养计划” 1996 获国务院批准享受政府特殊津贴 1997 获国家教委和人事部“全国优秀留学回国人员”奖 2000 国家杰出青年科学基金 2002 中国高校自然科学奖2等奖 2003 全国政协委员

代表论文:

1 Xue B. and Y. Sun: Protein adsorption equilibria and kinetics to a poly(vinyl alcohol)-based magnetic affinity support. Journal of Chromatography A, 921 (2): 109-119 (2001). 2 Zhang M.-L. and Y. Sun: Cooperation of solvent and solid granule as porogenic agents: Novel porogenic mode of biporous media for protein chromatography. Journal of Chromatography A, 922 (1-2): 77-86 (2001). 3 Tong X.-D. and Y. Sun: Agar-based magnetic affinity support for protein adsorption. Biotechnology Progress, 17 (4): 738-743 (2001). 4 Zhou X., B. Xue and Y. Sun: Enhancing protein capacity of macroporous polymeric adsorbent. Biotechnology Progress, 17 (6): 1093-1098 (2001). 5 Zhang S.-P. and Y. Sun: Further studies on the contribution of electrostatic and hydrophobic interactions to protein adsorption on dye-ligand adsorbents. Biotechnology and Bioengineering, 75 (6): 710-717 (2001). 6 Zhang S. and Y. Sun: Ionic strength dependence of protein adsorption to dye-ligand adsorbents. AIChE Journal, 48 (1): 178-186 (2002). 7 Xue B. and Y. Sun: Fabrication and characterization of a rigid magnetic matrix for protein adsorption. Journal of Chromatography A, 947 (2): 185-193 (2002). 8 Zhang S.-P. and Y. Sun: Steric mass-action model for dye-ligand affinity adsorption of protein. Journal of Chromatography A, 957 (2): 89-97 (2002). 9 Chen W.-D., X.-Y. Dong and Y. Sun: Analysis of diffusion models for protein adsorption to porous anion-exchange adsorbent. Journal of Chromatography A, 962 (1-2): 29-40 (2002). 10 Tong X.-D. and Y. Sun: Particle size and density distributions of two dense matrices in expanded bed system. Journal of Chromatography A, 977 (2): 173-183 (2002). 11 He L.-Z. and Y. Sun: Purification of lysozyme by multistage affinity filtration. Bioprocess and Biosystems Engineering, 25 (3): 155-164 (2002). 12 Zhang S.-P. and Y. Sun: A predictive model for salt effects on dye-ligand affinity

adsorption equilibrium of protein. Industrial and Engineering Chemistry Research, 42 (6): 1235-1242 (2003). 13 Chen J. and Y. Sun: Modeling of the salt effects on hydrophobic adsorption equilibrium of protein. Journal of Chromatography A, 992 (1-2): 29-40 (2003). 14 Xue B. and Y. Sun: Modeling of sedimentation of polydisperse spherical beads with a broad size distribution. Chemical Engineering Science, 58 (8): 1531-1543 (2003). 15 Chen W.-D., X.-Y. Dong and Y. Sun: Modeling of the whole expanded bed protein adsorption process with yeast cell suspensions as feedstock. Journal of Chromatography A, 1012 (1): 1-10 (2003).

[院长信箱](#) | [学院书记信箱](#) | [设为首页](#) | [加入收藏](#) | [联系我们](#) | [学院论坛](#)

Copyright © 2006 All Rights Reserved
School of Chemical Engineering and Technology of TianJin University
design by webto power by dali