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个人简历

杨志霞，女，汉族，中共党员。教授，硕士生导师。2001年7月本科毕业于新疆大学，2004年7月硕士毕业于新疆大学，2007年7月博士毕业于中国农业大学，同年7月进入中国科学院数学与系统科学研究院博士后流动站工作，2004年7月留校在新疆大学工作至今。2012年1月至2013年1月美国密西西比州立大学访问学者。

近年来主要从事的研究方向为最优化方法、机器学习。现主持国家自然科学基金1项；主持完成国家自然科学基金2项，中国博士后面上项目2项，教育部留学归国人员启动基金1项，校级项目1项。发表论文40余篇，SCI收录10余篇。2011年获得新疆自治区第11届自然科学优秀论文奖1项，2012年获得新疆大学第9届自然科学优秀成果奖1项，2013年获得新疆大学第三届青年科研奖1项。

科研项目

1. 项目名称：支持张量机及其应用，批准号：11561066 国家自然科学基金，时间：2016.1-2019.12，项目主持人
2. 项目名称：Twin 支持向量机的拓广及其应用，批准号：11161045 国家自然科学基金地区基金，时间：2012.1-2015.12，项目主持人

3. 项目名称：支持向量机及其在生物信息学中的应用，批准号: 10801112，国家自然科学基金青年基金项目，时间：2009.1-2011.12，项目主持人（已结题）
4. 项目名称：半监督学习问题的核方法研究及其应用，批准号：2015M572625，第 57 批中国博士后科学基金面上资助，时间：2015.5-2016.9，项目主持人
5. 项目名称：支持向量机及其在基因表达数据分析中的应用，批准号：20080430573，第四十三批中国博士后科学基金面上资助二等，时间：2008.7-2009.7，项目主持人，（已结题）
6. 项目名称：生物信息学与支持向量机，批准号：BS080101，新疆大学博士启动基金，时间：2009.1.1—2010.12.31，项目主持人（已结题）

科研成果（论文、专著等）

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4. Xu K.L., **Yang Z X**(*), Jiang Y L. Order-Reduced Models Based on Two Sides Techniques for Input-Output Systems Governed by Differential-Algebraic Equations. *International Journal for Multiscale Computational Engineering*. 13(3), 219–230 , 2015.
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14. **Yang Z. X.**, Jing L. ^(*), Support vector machine solving freeform curve and surface reconstruction problem, *International Journal of Wavelets, Multiresolution & Information Processing*, 2007, 5(1): 159-172
15. Wang Y. C., Wang Y., **Yang Z. X.** ^(*), Deng N. Y., Support vector machine prediction of enzyme function with conjoint triad feature and hierarchical context, *BMC Systems Biology*, 2011, 5(suppl 1): S6
16. Wang Y. C., Wang X. B., **Yang Z. X.** ^(*), Deng N. Y., Prediction of enzyme subfamily class via pseudo amino acid composition by incorporating the conjoint triad feature, *Protein and Peptide Letters*, 2010, 17(11): 1441- 1449
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18. Zhao Y. M., **Yang Z. X.** ^(*), Leave-one-out bound for Crammer-Singer multiclass support vector machine, *Lecture Notes in Operations Research*, 2010, 12: 98-105
19. Tan J. Y., **Yang Z. X.** ^(*), Incorporating gene similarity into support vector machine for microarray classification and gene selection, *Lecture Notes in Operations Research*, 2008, 9: 346-353
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