

基本情况	姓名	汪俊	性别	女	出生	1990.03	所在系部	物理系
	职称	讲师	学历	研究生	学位	博士	政治面貌	中共党员
主要研究方向	1. 功能纳米材料的制备及其光电性能研究 2. 新型柔性薄膜太阳能电池的制备及其电池性能优化							
学习工作经历	起止时间		学校（单位）名称		专业/职业		学历层次	
	201509-201806		吉林大学		凝聚态物理专业		博士	
	201309-201506		吉林大学		凝聚态物理专业		硕士	
	200909-201306		聊城大学		物理学专业		学士	
主要成果	课题： 2015. 09 – 2018.06 吉林大学 - 超硬材料国家重点实验室 CdS/CdTe 柔性太阳能电池、钙钛矿太阳能电池模块组装及其性能研究 2013. 09 – 2015. 06 吉林大学 - 超硬材料国家重点实验室 CdTe 纳米材料的制备及其性能研究							
	论文/著作： 1. Wang J , Liu S, Mu Y, et al. Sodium citrate-dependent growth of n- and p-type CdTe thin films for applications in CdTe/CdS based photovoltaic devices [J]. Journal of Alloys & Compounds, 2018, 748:515-521. (IF = 3.779, 二区) 2. Wang J , Liu S, Meng X, et al. Vertically aligned CdTe nanorods array for novel three-dimensional heterojunction solar cells on Ni substrates [J]. Electrochimica Acta, 2017, 258:858-865. (IF = 5.116, 一区) 3. Wang J , Liu S, Mu Y, et al. Synthesis of uniform cadmium sulphide thin film by the homogeneous precipitation method on cadmium telluride nanorods and its application in three-dimensional heterojunction flexible solar cells [J]. Journal of Colloid and Interface Science, 2017, 505:59-66. (IF = 5.091, 二区) 4. Wang J , Liu S, Mu Y, et al. Embedded vertically aligned cadmium telluride nanorod arrays grown by one-step electrodeposition for enhanced energy conversion efficiency in three-dimensional nanostructured solar cells [J]. Journal of Colloid and Interface Science, 2017, 505:1047-1054. (IF = 5.091, 二区) 5. Wang J , Liu L, Liu S, et al. Influence of compact CdS layer on photovoltaic performance of perovskite-based solar cells [J]. Sustainable Energy & Fuels, 2017. 6. Wang J , Zhou X, Lv P, et al. Influences of the CdS nanoparticles grown strategies on CdTe nanorods array films: A comparison between successive ionic layer absorption and reaction and chemical bath deposition [J]. Electrochimica Acta, 2016, 202:32-38. (IF = 5.116, 一区) 7. Wang J , Lv P, Mu Y, et al. A novel cage-like CdTe film with enhanced photoelectrochemical performance [J]. Rsc Advances, 2016, 6(49):43489-43495. (IF = 2.936, 三区)							

		8. Wang J , Li Q, Mu Y, et al. Effect of sodium chloride on the electrochemistry activity of electrodeposited CdTe films with various morphologies [J]. Rsc Advances, 2015, 5(54):43016-43022. (IF = 2.936, 三区)	
		9. Wang J , Li Q, Mu Y, et al. Fabrication of CdTe thin films grown by the two-step electrodeposition technique on Ni foils [J]. Journal of Alloys & Compounds, 2015, 636:97-101. (IF = 3.779, 二区)	
学术 兼职			
联系 方式	电话		E-mail
			junwang18@sdut.edu.cn