



附件二



英文版导师简介


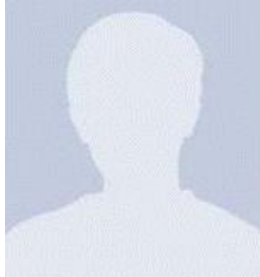
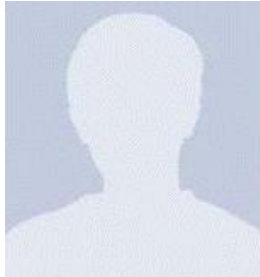



生命科学与技术学院

模板 2 :

	<p>YANG Tie-Lin Professor Research Area(s): Molecular genetics, bioinformatics E-mail: yangtielin@xjtu.edu.cn Homepage: https://www.researchgate.net/profile/Tie-Lin_Yang</p>
	<p>GUO Yan Professor Research Area(s): Molecular genetics, bioinformatics E-mail: guoyan253@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/guoyan253/home</p>
	<p>HUANG Zi-Gang Professor Research Area(s): Brain-inspired Computing, Computational Neuroscience E-mail: huangzg@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/huangzg</p>
	<p>WANG Gang Associate Professor Research Area(s): 1) Medical artificial intelligence Deep learning algorithm of brain computer interface based on EEG and EMG signals; Seizure detection and prediction based on EEG signals and convolutional neural networks; Automatic sleep staging based on long short-term memory network using single-lead ECG Signals. 2) Biomedical signal processing</p>

	<p>Removal of electrooculogram and electromyogram artifacts from EEG signals; Analysis of EEG signals and fNIRs signals during anesthesia;</p> <p>3) Neuroimaging</p> <p>Imaging of brain electrical activities of cerebral cortical neuron using high density EEG, fNIRs, and fMRI signals</p> <p>E-mail: ggwang@xjtu.edu.cn</p> <p>Homepage: http://gr.xjtu.edu.cn/web/ggwang</p>
	<p>CHEN Xiang,</p> <p>Associate Professor, Doctoral Supervisor of Biomedical Engineering, Xi'an Jiaotong University, National Committee of Chinese Heart Rhythm Society, Deputy Group Leader of Engineering Group, Director of Shaanxi Biomedical Engineering Society, Director of Shaanxi Institute of Electronics. He used to be a postdoctoral fellow in electronic science and technology at Xi'an Jiaotong University and a visiting scholar at Case Western Reserve University in the United States. Currently, he is mainly engaged in the research and development of active implanted medical devices such as cardiac pacemakers and deep brain stimulators, the development of implanted photoelectric devices, the research of artificial cardiac pacing and nerve function electrical stimulation methods, and has undertaken more than ten national, provincial and Horizontal issues. Published 3 translation works, published 30 SCI and EI papers, applied for 16 Chinese invention patents, 11 authorized, and 16 computer software copyright registrations. Won the second prize of Shaanxi Science and Technology Award in 2012, ranking fourth.</p>
	<p>LIU Tian</p> <p>Xi'an Jiaotong University, School of Life Science and Technology, Associate Professor, University of Florida, Pruitt Family Biomedical Engineering Department, Visiting Scholar.</p> <p>Research direction: Neural function information detection and analysis, early intervention of children with mental development disorders, research and development of rehabilitation engineering equipment</p> <p>Member of Technical Transformation and Industry Promotion Professional Committee of Chinese Society of Rehabilitation Medicine; Youth Member of Rehabilitation Engineering Branch of Chinese Society of Biomedical</p>

	<p>Engineering; Youth Member of Rehabilitation Engineering Professional Committee of China Association of Rehabilitation Assistive Devices; Member and Secretary-General of Rehabilitation Engineering Professional Committee of Shaanxi Rehabilitation Medicine Association China Member of Cognitive Science Society</p>
	<p>WANG Jing Associate Professor Research Area(s): Biophotonics, Biomedical Optics, Laparoscopy, Fluorescence Detecting in IVD E-mail: wangjing@xjtu.edu.cn Homepage: bmp.xjtu.edu.cn</p>
	<p>ZHE Yang Associate Professor E-mail: yangzhe@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/yangzhe</p> <p>Research Interest</p> <ul style="list-style-type: none"> • Intelligent and environment responsive biomaterials. • Advanced delivery systems for cancer stem cells (CSCs) therapy. • Multifunction nanomedicine for immunotherapy. <p>Employment</p> <p>Associate Professor, School of Life Science and Technology, Xi'an Jiaotong University, China, 02/2019~Present</p> <p>Assistant Professor, School of Life Science and Technology, Xi'an Jiaotong University, China, 07/2015~01/2019</p> <p>Education Background</p> <p>Visiting Scholar, Univeristy of California San Diego, USA, 10/2017~10/2018</p> <p>Ph.D., Biomedical Engineering, 09/2010 ~ 06/2015 School of Engineering, Sun Yat-sen University, Guangzhou, China</p> <p>B.S., Materials Chemistry, 09/2006 ~ 06/2010 College of Chemistry and Materials science, Northwest University, Xi'an, China</p>

	<p>WANG Sijia Associate Professor Research Area(s): Biomedical Optics, Optical Nanomedicine and Theranosric E-mail: wang_sijia@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/wang_sijia</p>
	<p>FU Tao Associate Professor Research Area(s): biomaterials, nanoparticles, antibacterial materials, bio-sensing, 3D printing E-mail: taofu@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/taofu</p>
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	<p>SUN Xiaolong Professor Research Area(s): 1) Fluorescence Probes and Cell Imaging 2) Functional Biomaterials and Hydrogels E-mail: xs2759@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/xs2759/home</p>
	<p>ZHAO Junwu Professor Research Area(s): Biomedical sensing and device E-mail: jwzhao@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/jwzhao</p>
	<p>LI Jianjun Professor Research Area(s): Biomedical sensing based on multi-information fusion, Bio-spectral sensing and device, Bioseparation and natural products E-mail: jjunli@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/jjunli</p>



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Research Area(s): cellular, mineral, tissue mechanics at the tendon-to-bone interface, or "insertion." and plant resistance.
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JIN Guorui
Associate Professor
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Research Area(s):

- Multimodality nano-contrast agents for cell tracking



Fabrication of 3D bio-scaffolds using electrospinning for tissue engineering; synthesis of nano-contrast agents for bioimaging; stem cell tracking to reveal the mechanism of stem cell therapy (Adv. Funct. Mater. 2015, 25, 4263-4273; Biomaterials, 2013, 34 724-734; Acta Biomaterialia 2020, 109 195-207; Chem. Soc. Rev. ,45, 1225-1241; etc.). Total 44 SCI papers have been published and cited for

- Multi-functional nanoplatfoms for cancer theranostics

Synthesis of molecules with Aggregation-induced Emission; Synthesis of polymer-based multi-functional nanoplatfoms for cancer theranostics (Theranostics, 2019; 9(1): 246-264; ACS Appl. Mater. Interfaces 2018, 10, 10634 –10646; Chem. Commun., 2016, 52, 2752; etc.). Host 2 NSFC funds. 1855 times, including 5 ESI papers. H-index is 22.

- NO releasing nanoplatfoms for regenerative and cancer therapy

Nitric oxide (NO) is an important signaling molecule involved in various physiological processes. Emerging

	<p>evidence supports NO's diverse roles in the therapy of cancer, cardiovascular diseases, infections, and modulating stem cell behavior, including survival, migration, differentiation, and paracrine secretion of proregenerative factors.</p>
	<p>YANG Qingzhen Associate Professor Research Area(s): Microfluidics, Numerical modeling E-mail: qzyang@mail.xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/qzyang</p>
	<p>DAOCHENG Wu Professor Research Area(s): Biomaterials and nanotechnology E-mail: wudaocheng@xjtu.edu.cn Homepage: http://gr.xjtu.edu.cn/web/wudaocheng</p>