

馬欣

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方向

- 生物传感器
- 嵌入式系统
- 数据计算

论文

1. **Xin Ma***, Hongquan Chen, Peiwen Zhang, Hao Liu, OFET and OECT, two types of Organic Thin-Film Transistor used in glucose and DNA, IEEE Sensors Journal;
2. **Xin Ma**, Samad Ahadian*, Natan Roberto de Barros, Mohammad Reza Zare, Sibel Emir Diltemiz, Vadim Jucaud, Yangzhi Zhu, Shiming Zhang, Ethan Banton, Yue Gu, Kewang Nan, Sheng Xu, Mehmet Remzi Dokmeci, Ali Khademhosseini*, Smart Contact Lenses for Biosensing Applications, Advanced Intelligent Systems;
3. **Xin Ma***, Wenbin Lin, A Factorization Machine Based Deep Neural Network for Synergism of Cancer Drug Combinations Prediction, International Conference on Pattern Recognition and Artificial Intelligence;
4. **Xin Ma**, Wenbin Lin, Emerging role of liver-on-a-chip in drug hepatotoxicity prediction based on biosensors and deep learning, 中国生物医学工程大会暨创新医疗峰会;
5. **Xin Ma**, Ning Wang, Immune organ on a chip applied to the vaccine and immunotherapy development, 中国生物医学工程大会暨创新医疗峰会;

课程

《电子技术基础》、《传感器与RFID》、《Python语言程序设计》、《嵌入式系统开发与应用》、《多功能复材》

实践

- (1) 基于碳纳米管线传感器人造皮肤应力源定位技术的研究；
- (2) 基于无线自组网的岩土工程安全远程监测系统；
- (3) 医学模型重建3D打印系统的设计和开发；
- (4) 访学交流，2018--2019年美国加州大学洛杉矶分校/微创诊疗研究所；

