

BIOGRAPHICAL SKETCH

Shenqiang Ren

Mechanical and Aerospace Engineering
University at Buffalo, SUNY
Buffalo, NY 14221

Phone: (716) 645-1431

Email: shenren@buffalo.edu

EDUCATION AND TRAINING

Nanjing University of Aero. & Astro	Materials Chemistry	BS & 2004
University of Maryland, College Park	Materials Science	Ph.D & 2009
Massachusetts Institute of Technology	Nanoscale Science	Postdoc & 2011

EMPLOYMENT HISTORY

2018-Present	Professor, University at Buffalo – SUNY, Buffalo, NY
2015-2017	Associate Professor, Temple University, Philadelphia, PA
2014-2015	Associate Professor of Chemistry, University of Kansas, Lawrence, KS
2011-2014	Assistant Professor of Chemistry, University of Kansas, Lawrence, KS
2009-2011	Postdoctoral Scholar, Department of Materials Science and Engineering Massachusetts Institute of Technology (MIT), Cambridge, MA
2005-2009	Research Assistant, Department of Materials Science and Engineering University of Maryland, College Park, MD

AWARDS AND HONORS

- NSF CAREER Award (2015)
- RSC Emerging Investigator – J. Mater. Chem. (2015)
- ARO Young Investigator Award (2014)
- Kansas NSF-EPSCoR First Award (2013)
- Air Force Summer Faculty Fellowship, AFOSR (2013)
- New Faculty General Research Fund, University of Kansas, (2012)
- Dean's Doctoral Research Award (First Prize), University of Maryland, College Park (2009)
- Distinguished Doctoral Dissertation Award, University of Maryland, College Park (2009)
- China's National Award for Outstanding Graduate Students Abroad (2009)

PUBLICATIONS

Total Number of Articles Published in Peer Reviewed Journals: 89 (69 published as the corresponding author); Invited Book Chapters: 3

- 1) B. Xu, Z. Luo, A. J. Wilson, K. Chen, W. Gao, G. Yuan, H. D. Chopra, X. Chen, K. A. Willets, Z. Dauter, and Shenqiang Ren*, Multifunctional charge-transfer single crystals through supramolecular assembly, *Advanced Materials*, adma201600383 (2016)
- 2) B. Xu, H. Li, H. Li, A. J. Wilson, L. Zhang, K. Chen, K. A. Willets, F. Ren, J. C. Grossman, Shenqiang Ren*, Chemically driven interfacial coupling in charge-transfer mediated functional superstructures, *Nano Letters*, 10.1021/acs.nanolett.6b00712 (2016)
- 3) B. Xu, H. Li, A. Hall, W. Gao, M. Gong, G. Yuan, J. Grossman and Shenqiang Ren*, All-polymeric control of nanoferronics, *Science Advances*, 1, e1501264 (2015)

- 4) W. Qin, X. Chen, H. Li, M. Gong, G. Yuan, J. C. Grossman, M. Wuttig and Shenqiang Ren*, Room Temperature Multiferroicity of Charge Transfer Crystals, *ACS Nano*, 9, 9373 (2015)
- 5) W. Qin, X. Chen, J. Lohrman, M. Gong, G. Yuan, M. Wuttig and Shenqiang Ren*, "External Stimuli Controlled Multiferroic Charge Transfer Crystals, *Nano Res*, (2015)
- 6) W. Qin, B. Xu and Shenqiang Ren*, An Organic Approach for Nanostructured Multiferroics, *Nanoscale*, DOI: 10.1039/C5NR01435B (2015). **Invited Minireview Article.**
- 7) W. Qin, D. Jasion, X, Chen, M. Wuttig, and Shenqiang Ren*, Charge-Transfer Magnetoelectrics of Polymeric Multiferroics, *ACS Nano*, 8, 3671 (2014)
- 8) W. Qin, J. Lohrman, and Shenqiang Ren*, Magnetic and Optoelectronic Properties of Gold Nanocluster-Thiophene Assembly, *Angewandte Chemie International Edition*, DOI: 10.1002/anie.201402685R1 (2014).
- 9) J. Lohrman, Y. Liu, X. Duan, X. Zhao, M. Wuttig and Shenqiang Ren*, "All Conjugated Copoer Excitonic Multiferroics", *Advanced Materials*, 25, 783 (2013).
- 10) Y. Xie, M. Gong, T. Shastry, J. Lohrman, M. Hersam, and Shenqiang Ren*, "Broad Spectral Response Nano-Carbon Bulk Heterojunction Excitonic Photodetectors", *Advanced Materials*, 25, 3433 (2013). **Featured on the cover for Advanced Materials.**