Poster Session
July 24, 2018

#	Name	Poster Title	Organization
1	Marina Maria Ioanniti	Understanding the Electrochemistry of Thin Film LiCoO2 in Aqueous Electrolytes	Chemical Engineering, University of Rochester
2	Junjie Niu	Oxide Involved Sulfur Composite as A New Cathode In Lithium Sulfur Batteries	Department of Materials Science and Engineering, CEAS, University of Wisconsin
3	Ram S Katiyar	Nanostructured Carbon–Sulfur Composite Electrodes for High Energy Lithium Sulfur(Li-S) Batteries	Department of Physics, University of Puerto Rico, San Juan, Puerto Rico
4	Ram S Katiyar1	Polysulphide trapping in CNT-sulfur composite cathode through coupling of BiFeO3 for high rate performance Li-S batteries	Department of Physics, University of Puerto Rico, San Juan, Puerto Rico
5	Dingying Dang	Mechanical Behavior of Si Composite Electrodes: Role of Cycling and Testing Methods	Department of Chemical and Materials Engineering, University of Kentucky
6	Yikai Wang	Mechanical Behavior of Li Metal Electrodes Studied by Environmental Nanoindentation	Department of Chemical and Materials Engineering, University of Kentucky
7	Yiying Wu	Is Superoxide Super Reactive in K-O2 Batteries?	Department of Chemistry & Biochemistry, The Ohio State University
8	Kalani Periyapperuma	High Energy Density Anodic Redox Couples in Ionic -Liquid Electrolytes for Application in Redox Flow Batteries	ARC Centre of Excellence for Electromaterials Science, Deakin University
9	Christopher Holt	Engineered Carbon Hosts for Stable Lithium Metal Anodes	pH Matter, LLC.
10	Christopher Holt	Composite Engineered Silicon and Carbon Fiber Current Collector Anodes for EV Applications.	pH Matter, LLC.
11	Zhuo Li	Saturated Hydrocarbon Chain as Internal Plasticizer for Polymer Electrolyte	Department of Chemical Engineering, University of Rochester

12	Tongjie Liu	A three-dimensional carbon current collector to enable high sulfur loading for a high energy Li-S battery	S2BIS, Energy Technology Material division (ETM), University of Dayton Research Institute
13	Linchao Zhang	Lithium difluorophosphate as an electrolyte additive to enhance the performances of lithium metal batteries	Energy and Environment Directorate, Pacific Northwest National Laboratory
14	Handan Yildirim	Strong Substrate Coupling-Mediated Decomposition of Ionic Liquids at Li Anode: Insights from Single Ion Pairs to Complex Interface Simulations	Wright Patterson Air Force Base, Dayton, OH
15	Lauren J. Abbott	Molecular Dynamics Simulations of Liquid and Polymer Electrolytes for Energy Storage Devices	AMA Inc.
16	Lamartine Meda	Abstract: Poly(propylene carbonate) Interpenetrating Cross-Linked Poly(ethylene glycol) Based Polymer Electrolyte for Solid-State Lithium Batteries	NASA MIRO Solid High Energy Lithium Battery Center, Xavier University of Louisiana
17	Mohit Mehta	Exploring Li-air batteries for high specific energy and high power applications: A simulation study	AMA, Inc.
18	Xiao-Guang Sun	A Sodium-Aluminum Hybrid Battery	Chemical Sciences Division and Materials Science and Technology Division, Oak Ridge National, Laboratory
19	Balachandran Radhakrishnan	Oxides as cathodes in Li-O2 batteries: A first principles computational investigation	AMA, Inc.
20	Xiaowen Zhan	Revealing the relationship between defect chemistry and Li-ion transport in solid electrolytes for all-solid-state Li-ion batteries	Department of Chemical & Materials Engineering, University of Kentucky
21	Rose E. Ruther	Robust Sodium-Ion Conducting Membranes for Non-Aqueous Redox Flow Batteries	Oak Ridge National Laboratory

22	Liqiang Mai	One Dimensional Nanomaterials for Emerging Energy Storage	State Key Laboratory of Advanced Technology for Materials Synthesis and Processing, Wuhan University of Technology, Wuhan 430070, China,
23	Thomas A. Yersak	Cold-Formed Sulfide Glass Electrolyte Separators: Dependence of Critical Current	Chemical and Materials Systems Lab, General Motors Global R&D,