

Aron Huckaba, PhD
Curriculum Vitae

DEGREES AND COMPLETE

10) [Aghazada, S.](#) ; **Huckaba, A. J.** ; Pertegas Ojeda, A.; Babaei, A.; Grancini, G.; Zimmermann, I.; Bolink, H.; Nazeeruddin, M. K.

9) Lee, H.J.; Cho, K.T.; Paek, S.H.; Lee Y.H.; **Huckaba, A.J.**; Queloz, V.E.; Zimmermann, I.; Grancini, G.; Oveisi, O.; Yoo, S.M.; Lee, S.Y.; Shin, T.H.; Kim, M.; Nazeeruddin, M.K. "A Facile Preparative Route of Nanoscale Perovskites over Mesoporous Metal Oxide Films and Their Applications to Photosensitizers and Light-Emitters." *Adv. Functional Mater. Published on the Web August 1, 2018*, doi:10.1002/adfm.201803801.

8) Lee, Y.; Lee, S.; Seo, G.; Paek, S.; Cho, K.T.; **Huckaba A.J.**, Calizzi M., Choi D.W.; Park, J.S.; Lee D.; Lee H.J.; Asiri, A.M.; Nazeeruddin, M.K. "Efficient Planar Perovskite Solar Cells Using Passivated Tin Oxide as an Electron Transport Layer." *Advanced Science*. **2018**, *Published on the Web 25 March 2018*, doi:10.1002/advs.201800130.

7) **Drigo, N.**; Paek, S. H.; **Huckaba, A.J.**; Schouwink, P.; Nazeeruddin, M.K. "Approaches for selective synthesis of ullazine donor-acceptor systems." *Chem. Eur. J.* **2017**, 23, 17209. **Graduate Student Mentee*

6) L. E. McNamara, **T. A. Rill, A. J. Huckaba**, V. Ganeshraj, J. Gayton, R. A. Nelson, **E. A. Sharpe**, A. Dass, N. I. Hammer and J. H. Del

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February 18, 2014. "Dye-Sensitized Solar Cells Utilizing Indolizine Subunits as Donors: An Exceptionally Strong Donor." Research Day at the Capitol, Jackson, Miss.

October, 2011. "Synthesis and Characterization of benzimidazolyl CCC-NHC pincer complexes." National Center for Natural Products Research Poster Competition.

AWARDS

Undergraduate: Robertah Whitney Scholarship (2009)
Departmental Study Abroad Scholarship (2009)
Most Outstanding Chemistry Major (2011)
Honors Diploma (2011)

Post-Doctoral: Outstanding Research Award (2017)
Medaille D'Or Salon International Des Inventions Genève (2018)

SERVICE AND MEMBERSHIPS

Active Reviewer for: **Advanced Energy Materials, ChemPhysChem, MatChemPhys-D, International Journal of Photoenergy, Journal of Materials Research, .**

Community Service: **SprachenBar English Conversation Moderator (Sion, Dec. 2017-Dec 2019)**

Memberships in Professional Organizations: American Chemical Society (Since 2010), Materials Research Society (2018-2019), *Swiss Chemical Society (Nov 2019-2020)*