Bao, JW, SG Gopalakrishnan, SA Michelson, FD Marks and MT Montgomery, 2012: Impact of

Physics Representations in the HWRFX on Simulated Hurricane Structure and Pressure-Wind Relationships. Mon. Weather Rev., 140 ( 10 ) , 3278-3299, [doi: 10.1175/MWR-D-11-00332.1](http://dx.doi.org/10.1175/MWR-D-11-00332.1), issn: 0027-0644, ids: 013PQ, OCT 2012

Bianco, L, JW Bao, CW Fairall and **SA Michelson**, 2011: Impact of Sea-Spray on the

Atmospheric Surface Layer. Bound.-Layer Meteor., 140 ( 3 ) , 361-381,

[doi: 10.1007/s10546-011-9617-1](http://dx.doi.org/10.1007/s10546-011-9617-1), issn: Jun-14, ids: 807TW, SEP 2011

Bao, JW, CW Fairall, **SA Michelson** and L Bianco, 2011: Parameterizations of Sea-Spray

Impact on the Air-Sea Momentum and Heat Fluxes. Mon. Weather Rev., 139 ( 12 ) ,

3781-3797, [doi: 10.1175/MWR-D-11-00007.1](http://dx.doi.org/10.1175/MWR-D-11-00007.1), issn: 0027-0644, ids: 855ZD, DEC 2011

**Michelson, Sara A.**, I.V. Djalalova, J.-W. Bao 2010: Evaluation of the Summertime Low-Level Winds Simulated by MM5 in the Central Valley of California. J. Appl. Meteor. Clim., **49** ( 11 ) , 2230-2245, [doi: 10.1175/2010JAMC2295.1](http://dx.doi.org/10.1175/2010JAMC2295.1).

**Michelson, Sara A,**, J.-W. Bao, 2008: Sensitivity of Low-Level Winds Simulated by the WRF Model in California's Central Valley to Uncertainties in the Large-Scale Forcing and Soil Initialization. J. Appl. Meteor. Clim., **47** ( 12 ) , 3131-3149, [doi: 10.1175/2008JAMC1782.1](http://dx.doi.org/10.1175/2008JAMC1782.1).

**Michelson, Sara A**. and N.L. Seaman, 2000: Assimilation of NEXRAD-VAD Winds in Meteorological Simulations over the Northeast U.S. *J. Appl Meteor.*, **39**, 384-398.

Jin, L, N. J. Brown, R.A. Harley, J.-W. Bao, **S.A.** **Michelson,** and J. M.Wilczak, 2010: Seasonal Versus Episodic Performance Evaluation for an Eulerian Photochemical Air Quality Model. J. Geophys. Res.-Atmos., **115**, Art No. D09302, [doi: 10.1029/2009JD012680](http://dx.doi.org/10.1029/2009JD012680).

Bao, J.-W., **S. A.** **Michelson, P.O.G.**  Persson, I. Djalalova, and J. M. Wilczak, 2008: Observed and WRF-Simulated Low-Level Winds in a High-Ozone Episode During the Central California Ozone Study. J. Appl. Meteor. Clim., **47** ( 9 ) , 2372-2394, [doi: 10.1175/2008JAMC1822.1](http://dx.doi.org/10.1175/2008JAMC1822.1).

Bao, J.-W., **S.A**. M**ichelson,** P.J. Neiman, F. M. Ralph, and J. M. Wilczak, 2006: Interpretation of Enhanced Integrated Water Vapor Bands Associated with Extratropical Cyclones: Their Formation and Connection to Tropical Moisture. Mon. Wea. Rev., **134**, 1063-1080.

Bao, J.-W.; **S. A.** **Michelson,** S.A.McKeen, and G. Grell, 2005: Meteorological Evaluation of a Weather-Chemistry Forecasting Model Using Observations from the TEXAS AQS 2000 Field Experiment. J. Geophys. Res.-Atmos., **110** ( D21 ), Art No. D21105, [doi: 10.1029/2004JD005024](http://dx.doi.org/10.1029/2004JD005024).

Bao, J.-W**.**, **S. A. Michelson**, and J. M. Wilczak, 2002: Sensitivity of Numerical Simulations to Parameterizations of Roughness for Surface Heat Fluxes at High Winds Over the Sea. *Mon. Wea. Rev*., **130**, 1926-1932.

Seaman, Nelson L. and **S.A. Michelson**, 2000: Mesoscale Meteorological Structure of a High-Ozone Episode During the 1995 NARSTO-Northeast Study. *J. Appl Meteor.*, **39**, 367-383.