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- 2015 “Classifying X-ray Binaries: A Bayesian Approach” (Gopalan, Vrtilek, & Boroson), ApJ, 809, 40.
- 2015 “Interpreting the X-ray state transitions of Cygnus X-1” (Cechura, Vrtilek, & Hadrava), MNRAS, 450, 2410.
- 2015 Tomography of X-ray Nova Muscae 1991: evidence for ongoing mass transfer and stream-disc overflow.” (Peris, Vrtilek, et al) MNRAS, 449, 1584.
- 2014 FUSE Observations of a Full Orbit of Scorpius X-1. (B. Boroson, S.D. Vrtilek, J. Raymond), ApJ, 793, 59.
- 2013 Variability of the accretion disk of V926 Sco inferred from tomographic analysis. (S.D. Connolly, C.S. Peris, & S.D. Vrtilek), Astrophysical Journal (ApJ), 777, 171.
- 2013 Model independent means of categorizing X-ray binaries -I. Colour-Colour-intensity diagrams (S.D. Vrtilek, & B.S. Boroson), Monthly Notices of the Royal Astronomical Society (MNRAS), 428, 3693.
- 2012 A tomographic study of V691 CrA (X1822-37) (C.S. Peris, & S.D. Vrtilek), MNRAS, 427,1043.
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Meeting Abstracts:*Saeqa Dil Vrtilek*

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