

Peer-reviewed publications

- [1] **El Mellah I.**, Sundqvist J. O., & Keppens R.
Accretion from a clumpy massive-star wind in Supergiant X-ray binaries (2017)
submitted
- [2] Grinberg V., Hell N., **El Mellah I.**, Neilsen J., Sander A. A. C., Leutenegger M. A., Fürst F., Huenemoerder D. P., Kretschmar P., Kühnel M., Martinez-Nunez S., Niu S., Pottschmidt K., Schulz N. S., Wilms J. & Nowak M. A.
The clumpy absorber in the high mass X-ray binary Vela X-1 (2017)
submitted
- [3] Xia C., Teunissen J., **El Mellah I.**, Chané E. & Keppens R.
MPI-AMRVAC 2.0 for solar and astrophysical applications (2017)
submitted
- [4] **El Mellah I.** & Casse F.
A numerical investigation of wind accretion in persistent Supergiant X-ray Binaries I - Structure of the flow at the orbital scale (2017)
MNRAS 467 (3): 2585–2593
- [5] **El Mellah I.** & Casse F.
Numerical simulations of axisymmetric hydrodynamical Bondi-Hoyle accretion on to a compact object (2015) - MNRAS 454 (3): 2657-2667
- [6] Sanchis-Ojeda R., Rappaport S., Winn J., Kotson M., Levine A., **El Mellah I.**
A Study of the Shortest-period Planets Found with Kepler (2014) - ApJ, vol. 787:1 18pp
- [7] Rappaport S., Deck K., Levine A., Borkovits T., Carter J.,
El Mellah I., Sanchis-Ojeda R., Kalomeni B.
Triple-star Candidates among the Kepler Binaries (2013) - ApJ, vol. 768:1 18pp
- [8] Rappaport S., Levine A., Chiang E., **El Mellah I.**, Jenkins J., Kalomeni B., Kite E. S., Kotson M., Nelson L., Rousseau-Nepton L., Tran K.
Possible Disintegrating Short-Period Super-Mercury Orbiting KIC 12557548 (2012)
ApJ, vol. 752:1 13pp

Proceedings & PhD manuscript

- [9] **El Mellah I.**, Sundqvist J. O., & Keppens R.
Clumpy wind accretion in Supergiant X-ray Binaries (2017)
Proceedings des Journées de la Société française d’Astronomie & d’Astrophysique
- [10] **El Mellah I.**
Wind accretion onto compact objects (2016)
Manuscrit de thèse
- [11] **El Mellah I.** & Casse F.
Numerical simulations of axisymmetric Bondi-Hoyle accretion onto a compact object (2015)
Proceedings des Journées de la Société française d’Astronomie & d’Astrophysique