

# Elisabetta Rigliaco

## Publication List

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### Publication List

#### Refereed

20. Simon, M. N.; Pascucci, I.; Edwards, S.; Feng, W.; Gorti, U.; Hollenbach, D.; **Rigliaco, E.**; Keane, J. T. “*Tracing Slow Winds from T Tauri Stars via Low-velocity Forbidden Line Emission*”2016, ApJ, 831, 169S
19. **Rigliaco, E.**; Wilking, B.; Meyer, M. R.; Jeffries, R. D.; Cottaar, M.; Frasca, A.; Wright, N. J.; Bayo, A.; Bonito, R.; Damiani, F.; et al. “*The Gaia-ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus*”2016, A&A, 588A, 123R
18. Pascucci, I.; Edwards, S.; Heyer, M.; **Rigliaco, E.**; Hillenbrand, L.; Gorti, U.; Hollenbach, D.; Simon, M. N. “*Narrow Na and K Absorption Lines Toward T Tauri Stars: Tracing the Atomic Envelope of Molecular Clouds*”2015, ApJ, 814, 14P
17. Mendigutía, I.; Oudmaijer, R. D.; **Rigliaco, E.**; Fairlamb, J. R.; et al. “*On the origin of the correlations between the accretion luminosity and emission line luminosities in pre-main-sequence stars*”, 2015, MNRAS, 452, 2837M
16. **Rigliaco, E.**; Pascucci, I.; Duchene, G.; Edwards, S.; Ardila, D. R.; Grady, C., et al. “*Probing Stellar Accretion with Mid-infrared Hydrogen Lines*”, 2015, ApJ, 801, 31R
15. Natta, A.; Testi, L.; Alcalá, J. M.; **Rigliaco, E.**; Covino, E.; Stelzer, B.; D’Elia, V. “*X-shooter spectroscopy of young stellar objects. V. Slow winds in T Tauri stars*”, 2014, A&A, 569A, 5N
14. Alcalá, J.M., Natta, A., Manara, C.F., Spezzi, L., Stelzer, B., Frasca, A., Biazzo, K., Covino, E., Randich, S., **Rigliaco, E.**, Testi L., Comerón, F., Cupani, G. and D’Elia, V.: “*X-Shooter spectroscopy of young stellar objects: IV - Accretion in low-mass stars and sub-stellar objects in Lupus*”, 2014 A&A, 561A, 2A
13. Mendigutía, I., Brittain, S. D., Eiroa, C., Meeus, G., Montesinos, B., Mora, A., Muzerolle, J., Oudmaijer, R. D. and **Rigliaco, E.**: “*Accretion variability of Herbig Ae/Be stars observed by X-Shooter. HD 31648 and HD 163296*, 2013 ApJ, 776, 44M
12. Stelzer, B., Frasca, A., Alcalá, J. M., Manara, C. F., Biazzo, K., Covino, E., **Rigliaco, E.**, Testi, L., Covino, S. and D’Elia, V.: “*X-Shooter spectroscopy of young stellar objects III. Photospheric and chromospheric properties of Class III objects*”, 2013 A&A, 558A, 141S
11. **Rigliaco, E.**, Pascucci, I., Gorti, U., Edwards, S. and Hollenbach, D.: “*Understanding the Origin of the [O I] Low-velocity Component from T Tauri Stars*”, 2013, ApJ, 772, 60R

10. Manara, C. F., Testi, L., **Rigliaco**, E., Alcalá, J. M., Natta, A., Stelzer, B., Biazzo, K., Covino, E., Covino, S., Cupani, G., D'Elia, V. and Randich, S.: "*X-shooter spectroscopy of young stellar objects. II. Impact of chromospheric emission on accretion rate estimates*", 2013, A&A, 551A, 107M
9. Joergens, V., Herczeg, G., Liu, Y., Pascucci, I., Whelan, E., Alcalá, J., Biazzo, K., Costigan, G., Gully-Santiago, M., Henning, T., Natta, A., **Rigliaco**, E., Rodríguez-Ledesma, M. V., Sicilia-Aguilar, A., Tottle, J. and Wolf, S.: "*Disks, accretion and outflows of brown dwarfs*", 2013, AN, 334, 159J
8. **Rigliaco**, E., Natta, A., Testi, L., Randich, S., Alcalá, J. M., Covino, E. and Stelzer, B.: "*X-shooter spectroscopy of young stellar objects. I. Mass accretion rates of low-mass T Tauri stars in  $\sigma$  Orionis*", 2012, A&A, 548A, 56R
7. Coffey, D., **Rigliaco**, E., Bacciotti, F., Ray, T. P. and Eisloffel, J.: "*Jet Rotation Investigated in the Near-ultraviolet with the Hubble Space Telescope Imaging Spectrograph*", 2012, ApJ, 749, 139C
6. Stelzer, B., Alcalá, J., Biazzo, K., Ercolano, B., Crespo-Chacón, I., López-Santiago, J., Martínez-Arnáiz, R., Schmitt, J. H. M. M., **Rigliaco**, E., Leone, F. and Cupani, G.: "*The ultracool dwarf DENIS-P J104814.7-395606. Chromospheres and coronae at the low-mass end of the main-sequence*", 2012, A&A, 537A, 94S
5. **Rigliaco**, E., Natta, A., Testi, L., Randich, S., Covino, E. and Alcalá, J. M.: "*Stellar parameters of young brown dwarfs*", 2011, AN, 332, 249R
4. Alcalá, J. M., Stelzer, B., Covino, E., Cupani, G., Natta, A., Randich, S., **Rigliaco**, E., Spezzi, L., Testi, L., Bacciotti, F., Bonito, R., Covino, S., Flaccomio, E., Frasca, A., Gandolfi, D., Leone, F., Micela, G., Nisini, B. and Whelan, E.: "*An X-shooter survey of star forming regions: Low-mass stars and sub-stellar objects*", 2011, AN, 332, 242A
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2. **Rigliaco**, E., Natta, A., Randich, S., Testi, L. and Biazzo, K.: "*U-band study of the accretion properties in the  $\sigma$  Orionis star-forming region*", 2011, A&A, 525A, 47R
1. **Rigliaco**, E., Natta, A., Randich, S. and Sacco, G.: "*Discovery of an old photoevaporating disk in  $\sigma$  Ori*", 2009. A&A, 495L, 13R