

PUBLICATION LIST – Beate Stelzer

Refereed publications

127. **Stelzer B.**, [Kindarkhedia D.](#) & [Klutsch A.](#)
A&A submitted
X-ray emission from Gaia-selected ultracool dwarf candidates
126. **Stelzer B.**, [Bogner M.](#), [Raetz St.](#) & [Magaudda E.](#)
A&A in press
Flares and rotation of M dwarfs with habitable zones accessible to TESS planet detections
125. Maldonado J., Colombo S., Petralia A., **Stelzer B.**, ... (+16 CoIs)
2022, A&A in press
The GAPS programme at TNG XXXIV. Activity-rotation, flux-flux relationships, and active region evolution through stellar age
124. [Coffaro M.](#), **Stelzer B.** & Orlando S.
2022, A&A 661, A79
The X-ray activity of the young solar-like star Kepler 63 and the structure of its corona
123. **Stelzer B.**, [Klutsch A.](#), [Coffaro M.](#), [Magaudda E.](#) & Salvato M.
2022, A&A 661, A44 (*part of eROSITA Early Data Release paper splash*):
A first eROSITA view of ultracool dwarfs
122. [Magaudda E.](#), **Stelzer B.**, [Raetz St.](#), [Klutsch A.](#), Salvato M. & J.Wolf
2022, A&A 661, A29 (*part of eROSITA Early Data Release paper splash*):
First eROSITA study of nearby M dwarfs and the rotation-activity relation in combination with TESS
121. [Coffaro M.](#), **Stelzer B.** & Orlando S.
2022, AN 343, Id.e10066
Characterizing X-ray activity cycles of young solar-like stars with solar observations
120. [Bogner M.](#), **Stelzer B.** & [Raetz St.](#)
2022, AN 343, Id.e10079
Effects of flares on the habitable zones of M dwarfs accessible to TESS planet detections

119. Manara C.F., Frasca A., Venuti L., ... Stelzer B., ...(+68 CoIs)
2021, A&A 650, A196
PENELLOPE: The ESO data legacy program to complement the Hubble UV Legacy Library of Young Stars (ULLYSES). I. Survey presentation and accretion properties of Orion OB1 and -Orionis
118. De Luca A., Salvaterra R., Belfiore A., ... Stelzer B., ...(+28 CoIs)
2021, A&A 650, A167
The EXTraS project: Exploring the X-ray transient and variable sky
117. Modirrousta-Galian D., Stelzer B., Magaudda E., ...(+5 CoIs)
2020, A&A 641, A113
GJ 357 b. A super-Earth orbiting an extremely inactive host star
116. Frasca A., Manara C. F., Alcalá J. M., ...(+4 CoIs), Stelzer B., Fedele D.
2020, A&A 639, L8
ISO-ChaI 52: a weakly accreting young stellar object with a dipper light curve
115. Magaudda E., Stelzer B., Covey K., Raetz St., Matt S.P. & Scholz A.
2020, A&A 638, A20
Relation of X-ray activity and rotation in M dwarfs and predicted time-evolution of the X-ray luminosity
114. Klutsch A., Frasca A., Guillout P., Montes D., Pineau F.-X., Grosso N., Stelzer B.
2020, A&A 637, A43
Discovery of new members of the nearby young stellar association in Cepheus
113. Raetz St., Stelzer B., Damasso M. & Scholz A.
2020, A&A 637, A22
Rotation-activity relations and flares of M dwarfs with K2 long- and short-cadence data
112. Coffaro M., Stelzer B., Orlando S., (+ 6 CoIs)
2020, A&A 636, A49
An X-ray activity cycle on the young solar-analog ϵ Eridani
111. De Luca A., Stelzer B., Burgasser A. J., (+ 13 CoIs)
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EXTraS discovery of an X-ray superflare from an L dwarf

110. Venuti L., **Stelzer B.**, Alcalá J.M. (+ 9 CoIs)
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X-shooter spectroscopy of young stars with disks: The TW Hydrae association as a probe of the final stages of disk accretion
109. Sanz-Forcada J., **Stelzer B.**, Coffaro M., Raetz S. & Alvarado-Gómez J.D.
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108. Pizzocaro D., **Stelzer B.**, Poretti E., Raetz St., ... (+6 CoIs)
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107. Saeedi S., Sasaki M., **Stelzer B.** & Ducci L.
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Classification of low-luminosity stellar X-ray sources in the field of the Draco dwarf spheroidal galaxy
106. Pillitteri I., Sciortino S., Reale F., Micela G., Argiroffi C., Flaccomio E., **Stelzer B.**
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Deep X-ray view of the Class I YSO Elias 29 with XMM-Newton and NuSTAR
105. Maier P., Wolf J., Keilig T.,, **Stelzer B.**....(+17 CoIs)
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104. Conti L., Barnstedt J., Hanke L.,, **Stelzer B.**....(+6 CoIs)
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MCP detector development for UV space missions
103. Scholz A., Moore K., Jayawardhana R., Aigrain S., Peterson D., **Stelzer B.**
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A Universal Spin-Mass Relation for Brown Dwarfs and Planets
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Far beyond the Sun: I. The beating magnetic heart in Horologium
100. Manara C. F., Frasca A., Alcalá J. M., Natta A., **Stelzer B.**, Testi L.
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99. Frasca A., Biazzo K., Alcalá J. M., Manara C. F., **Stelzer B.**, Covino, E., Antonucci, S.
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X-Shooter spectroscopy of young stellar objects in Lupus: Atmospheric parameters, membership, and activity diagnostics
98. Alcalá J.M., Manara C.F., Natta A., Frasca A., Testi L., Nisini B., **Stelzer B.**, (+7 CoIs)
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X-Shooter spectroscopy of young stellar objects in Lupus: Accretion properties of class II and transitional objects
97. **Stelzer B.**
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96. Antonucci S., Nisini B., Giannini T., Rigliaco E., Alcalá J.M., Natta A., **Stelzer B.**
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93. Maldonado J., Scandariato G., **Stelzer B.**, (+23 CoIs)
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The HADES RV Programme with HARPS-N@TNG. III. Flux-flux and activity-rotation relationships of early-M dwarfs
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91. **Stelzer B.**, Damasso M., Scholz A. & Matt S.P.
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90. Kastner J. H., Principe D. A., Punzi K., **Stelzer B.**, Gorti U., Pascucci I., Argiroffi C.
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89. Schöller M., Pogodin M. A., Cahuasquí J. A., (+9 CoIs) **Stelzer B.**
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Evidence for variable, correlated X-ray and optical/IR extinction towards the nearby, pre-main-sequence binary TWA 30
87. Pizzocaro D., **Stelzer B.**, Paladini R., (+15 CoIs)
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81. Frasca A., Biazzo K., Lanzafame A.C., Alcalá J.M., Brugaletta E., Klutsch A., **Stelzer B.**, (+29 CoIs)
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66. Pogodin M.A., Hubrig S., Yudin R.V., Schöller M., González, J.F., **Stelzer B.**
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