

CDS Team Publications Nov.2019 – Oct. 2020

Refereed Journals

Webb, N. A., Coriat, M., Traulsen, I., Ballet, J., Motch, C., Carrera, F. J., Koliopanos, F., Authier, J., de la Calle, I., Ceballos, M. T., Colomo, E., Chuard, D., Freyberg, M., Garcia, T., Kolehmainen, M., Lamer, G., Lin, D., Maggi, P., Michel, L., Page, C. G., Page, M. J., Perea-Calderon, J. V., **Pineau, F.-X.**, Rodriguez, P., Rosen, S. R., Santos Lleo, M., Saxton, R. D., Schwope, A., Tomás, L., Watson, M. G., and Zakardjian, A.

The XMM-Newton serendipitous survey IX. The fourth XMM-Newton serendipitous source catalogue.
Astronomy and Astrophysics, v.641, A136

Steinmetz, M., Guiglion, G., McMillan, P. J., Matijević, G., Enke, H., Kordopatis, G., Zwitter, T., Valentini, M., Chiappini, C., Casagrande, L., Wojno, J., Anguiano, B., Bienaymé, O., Bijaoui, A., Binney, J., Burton, D., Cass, P., de Laverny, P., Fiegert, K., Freeman, K., Fulbright, J. P., Gibson, B. K., Gilmore, G., Grebel, E. K., Helmi, A., Kunder, A., Munari, U., Navarro, J. F., Parker, Q., Ruchti, G. R., Recio-Blanco, A., Reid, W., Seabroke, G. M., Siviero, A., **Siebert, A.**, Stupar, M., Watson, F., Williams, M. E. K., Wyse, R. F. G., Anders, F., Antoja, T., Birko, D., Bland-Hawthorn, J., Bossini, D., García, R. A., Carrillo, I., Chaplin, W. J., Elsworth, Y., Famaey, B., Gerhard, O., Jofre, P., Just, A., Mathur, S., Miglio, A., Minchev, I., **Monari, G.**, Mosser, B., Ritter, A., Rodrigues, T. S., Scholz, R.-D., Sharma, S., Sysoliatina, K., and RAVE Collaboration

The Sixth Data Release of the Radial Velocity Experiment (RAVE). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances.

The Astronomical Journal, v.160, A83

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The Astronomical Journal, v.160, A82

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Fluctuations in galactic bar parameters due to bar-spiral interaction.

Monthly Notices of the Royal Astronomical Society, v.497, p.955

Krause, M., Irwin, J., Schmidt, P., **Stein, Y.**, Miskolczi, A., Carolina Mora-Partiarroyo, S., Wiegert, T., Beck, R., Stil, J. M., Heald, G., Li, J.-T., Damas-Segovia, A., Vargas, C. J., Rand, R. J., West, J., Walterbos, R. A. M., Dettmar, R.-J., English, J., and Woodfinden, A.

CHANG-ES. XXII. Coherent magnetic fields in the halos of spiral galaxies.

Astronomy and Astrophysics, v.639, A112

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CHANG-ES. XXI. Transport processes and the X-shaped magnetic field of NGC 4217: off-center superbubble structure.

Astronomy and Astrophysics, v.639, A111

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Monthly Notices of the Royal Astronomical Society, v.496, p.4357

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Monthly Notices of the Royal Astronomical Society, v.496, p.4107

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Astronomy and Astrophysics, v.637, A43

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The Hi-GAL catalogue of dusty filamentary structures in the Galactic plane.

Monthly Notices of the Royal Astronomical Society, v.492, p.5456

Ibata, R., Bellazzini, M., Thomas, G., Malhan, K., Martin, N., Famaey, B., and **Siebert, A.**

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The Astrophysical Journal, v.891, L19

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Tracing Hercules in Galactic azimuth with Gaia DR2.

Astronomy and Astrophysics, v.632, A107

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CHANG-ES. XIX. Galaxy NGC 4013: a diffusion-dominated radio halo with plane-parallel disk and vertical halo magnetic fields.

Astronomy and Astrophysics, v.632, A13

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CHANG-ES. XV. Large-scale magnetic field reversals in the radio halo of NGC 4631.

Astronomy and Astrophysics, v.632, A11

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CHANG-ES. XIV. Cosmic-ray propagation and magnetic field strengths in the radio halo of NGC 4631.

Astronomy and Astrophysics, v.632, A10

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