

- 1 Kuwahara, S.; Torii, K.i; Mizuno, N.; Fujita, S.; Kohno, M.; Fukui, Y.

"Cluster formation induced by a cloud-cloud collision in [DBS2003]179".

PASJ,

73, S220-S238

Published

(2021). <https://doi.org/10.1093/pasj/psaa017>

(M)

- 2 *Goncharov, B.; Reardon, D. J.; Shannon, R. M.; Zhu, X-J.; Thrane, E.; Bailes, M.; Bhat, N. D. R; Dai, S.; Hobbs, G.; Kerr, M.; Manchester, R. N.; Oslowski, S.; Parthasarathy, A; Russell, C. J.; Spiewak, R.; Thyagarajan, N.; Wang, J. B.

"Identifying and mitigating noise sources in precision pulsar timing data sets".

MNRAS,

502, 478-493

Published

(2021). <https://doi.org/10.1093/mnras/staa3411>

(P)

- 3 *Norris, R. P.; Intema, H. T.; Kapinska, A. D.; Koribalski, B. S.; Lenc, E.; Rudnick, L.; Alsaberi, R.; Anderson, C.; Anderson, G. E.; Crawford, E. and 21 coauthors

"Unexpected Circular Radio Objects at High Galactic Latitude".

PASA,

38, e003

Published

(2021). <https://doi.org/10.1017/pasa.2020.52>

(A)

- 4 Padmanabh, P. V.; Barr, E. D.; Champion, D. J.; Karuppusamy, R.; Kramer, M.; Jessner, A.; Lazarus, P.

"Revisiting profile instability of PSR J1022+1001".

MNRAS,

500, 1178-1187

Published

(2021). <https://doi.org/10.1093/mnras/staa3174>

(P)

- 5 Fujita, S.; Sano, H.; Enokiya, R.; Hayashi, K.; Kohno, M.; Tsuge, K.; Tachihara, K.; Nishimura, A.; Ohama, A.; Yamane, Y.; Ohno, T.; Yamada, R.; Fukui, Y.

"Massive star formation in the Carina nebula complex and Gum 31. I. the Carina nebula complex".

PASJ,

73, S201-S219

Published

(2021). <https://doi.org/10.1093/pasj/psaa078>

(M)

- 6 *Kumar, P.; Shannon, R. M.; Flynn, C.; Oslowski, S.; Bhandari, S.; Day, C. K.; Deller, A. T.; Farah, W.; Kaczmarek, J. F.; Kerr, M.; Phillip C.; Price, D. C.; Qiu, H.; Thyagarajan, N.
"Extremely band-limited repetition from a fast radio burst source".

MNRAS,
500, 2525-2531
Published
(2021). [\(A, P\)](https://doi.org/10.1093/mnras/staa3436)
-
- 7 Džudžar, R.; Kilborn, V.; Sweet, S. M.; Meurer, G.; Jarrett, T. H.; Kleiner, D.

"Environmental processing of galaxies in H I-rich groups".

MNRAS,
500, 3689-3710
Published
(2021). [\(C\)](https://doi.org/10.1093/mnras/staa3439)
-
- 8 Corongiu, A.; Mignani, R. P.; Seyffert, A. S.; Clark, C. J.; Nieder, L.; Possenti, A.; Burgay, M.; Belfiore, A.; De Luca, A.; Ridolfi, A.; Wadiasingh, Z.
"Radio pulsations from the γ-ray millisecond pulsar PSR J2039-5617".

MNRAS,
502, 935-952
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3463)
-
- 9 Hayashi, K.; Yoshiike, S.; Enokiya, R.; Fujita, S.; Yamada, R; Sano, H.; Torii, K.; Kohno, M.; Nishimura, A.; Ohama, A. and 8 coauthors

"Triggered high-mass star formation in the H ii region W 28 A2: A cloud-cloud collision scenario".

PASJ,
73, S321-S337
Published
(2021). [\(M\)](https://doi.org/10.1093/pasj/psaa054)
-
- 10 *Yonemaru, N.; Kuroyanagi, S.; Hobbs, G.; Takahashi, K.; Zhu, X. -J.; Coles, W. A.; Dai, S.; Howard, E.; Manchester, R.; Reardon, D. and 5 coauthors

"Searching for gravitational-wave bursts from cosmic string cusps with the Parkes Pulsar Timing Array.

MNRAS,
501, 701-712
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3721)

- 11 *Horiuchi, S.; Molyneux, B.; Stevens, J. B.; Baines, G.; Benson, C.; Abu-Shaban, Z.; Giorgini, J. D.; Benner, L. A. M.; Naidu, S. P.; Philips, C. J.; Kruzins, E.; Stacy, N. J. S.; Slade, M. A.; Reynolds, J. E.; Lazio, J.
"Bistatic radar observations of near-earth asteroid (163899) 2003 SD220 from the southern hemisphere".

Icarus,
357, id114250
Published
(2021). [\(T, C\)](https://doi.org/10.1016/j.icarus.2020.114250)
-
- 12 *Lower, M. E.; Johnston, S.; Shannon, R. M.; Bailes, M.; Camilo, F.

"The dynamic magnetosphere of Swift J1818.0-1607".

MNRAS,
502, 127-139
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3789)
-
- 13 *Kumamoto, H.; Dai, S.; Johnston, S.; Kerr, M.; Shannon, R. M.; Weltevrede, P.; Sobey, C.; Manchester, R. N.; Hobbs, G.; Takahashi, K.

"Flux density variability of 286 radio pulsars from a decade of monitoring".

MNRAS,
501, 4490-4513
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3910)
-
- 14 *Chauhan, J.; Miller-Jones, J. C. A.; Raja, W.; Allison, J. R.; Jacob, P. F. L.; Anderson, G. E.; Carotenuto, F.; Corbel, S.; Fender, R.; Hotan, A.; Whiting, M.; Woudt, P. A.; Koribalski, B.; Mahony, L.

"Measuring the distance to the black hole candidate X-ray binary MAXI J1348-630 using H I absorption".

MNRAS,
501, L60-L64
Published
(2021). [\(A\)](https://doi.org/10.1093/mnrasl/slaa195)
-
- 15 *Johnston, S.; Sobey, C.; Dai, S.; Keith, M.; Kerr, M.; Manchester, R. N.; Oswald, L. S.; Parthasarathy, A.; Shannon, R. M.; Weltevrede, P.

"Two years of pulsar observations with the Ultra-Wideband Receiver on the Parkes radio telescope".

MNRAS,
502, 1253-1262
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/stab095)

- 16 *Wang, Y.; Tuntsov, A.; Murphy, T.; Lenc, E.; Walker, M.; Bannister, K.; Kaplan, D. L.; Mahony, E.
"ASKAP observations of multiple rapid scintillators reveal a degrees-long plasma filament".
MNRAS,
502, 3294-3311
Published
(2021). [\(A\)](https://doi.org/10.1093/mnras/stab139)
-
- 17 *Chokshi, A.; Line, J. L. B.; Barry, N.; Ung, D.; Kenney, D.; McPhail, A.; Williams, A.; Webster, R. L.
"Dual Polarization Measurements of MWA Beampatterns at 137 MHz".
MNRAS,
502, 1990–2004
Published
(2021). [\(O\)](https://doi.org/10.1093/mnras/stab156)
-
- 18 *Ricci, R.; Troja, E.; Bruni, G.; Matsumoto, T.; Piro, L.; O'Connor, B.; Piran, T.; Navaieelavasani, N.; Corsi, A.; Giacomazzo, B.; Wieringa, M. H.;
"Searching for the radio remnants of short-duration gamma-ray bursts".
MNRAS,
500, 1708-1720
Published
(2021). [\(C\)](https://doi.org/10.1093/mnras/staa3241)
-
- 19 Israel, G. L.; Burgay, M.; Rea, N.; Esposito, P.; Possenti, A.; Dall'Osso, S.; Stella, L.; Pilia, M.; Tiengo, A.; Ridnaia, A.; Lien, A. Y.; Frederiks, D. D.; Bernardini, F.
"X-Ray and Radio Bursts from the Magnetar 1E 1547.0-5408".
ApJ,
907, 7
Published
(2021). [\(P\)](https://doi.org/10.3847/1538-4357/abca95)
-
- 20 Duchesne, S. W.; Johnston-Hollitt, M.; Bartalucci, I.; Hodgson, T.; Pratt, G. W.
"SPT-CL J2032-5627: A new Southern double relic cluster observed with ASKAP".
PASA,
38, e005
Published
(2021). [\(A\)](https://doi.org/10.1017/pasa.2020.51)

21 Sun, S. N.; Yan, W. M.; Wang, N.

"Detection of giant pulses in PSR J1047-6709".

MNRAS,

501, 3900-3904

Published

(2021). <https://doi.org/10.1093/mnras/staa3825>

(P)

22 *Casassus, S.; Vidal, M.; Arce-Tord, C.; Dickinson, C.; White, G. J.; Burton, M.; Indermuehle, B.; Hensley, B.

"Resolved spectral variations of the centimetre-wavelength continuum from the ρ Oph W photodissociation region".

MNRAS,

502, 589-600

Published

(2021). <https://doi.org/10.1093/mnras/staa4016>

(C)

23 *Riggi, S.; Umana, G.; Trigilio, C.; Ingallinera, A.; Leto, P.; Bufano, F.; Norris, R. P.; Hopkins, A. M.; Filipović, M. D.; Andernach, H.; var Loon, J. Th.; Michalowski, M. J.; Bordiu, C.; An, T.; Buemi, C.; Carretti, E.; Collier, J. D.; Joseph, T.; Koribalski, B. S.; Kothes, R.; Loru, S.
McConnell, D.; Dominique, M.; Sainz, F.; Schinnerl, F.; Vitalis, F.; Werhane, K.; Whiting, M.

"Evolutionary map of the Universe (EMU): Compact radio sources in the SCORPIO field towards the galactic plane".

MNRAS,

502, 60-79

Published

(2021). <https://doi.org/10.1093/mnras/stab028>

(A)

24 *Marcote, B.; Callingham, J. R.; De Becker, M.; Edwards, P. G.; Han, Y.; Schulz, R.; Stevens, J.; Tuthill, P. G.

"AU-scale radio imaging of the wind collision region in the brightest and most luminous non-thermal colliding wind binary Apep".

MNRAS,

501, 2478-2486

Published

(2021). <https://doi.org/10.1093/mnras/staa3863>

(V)

25 Hung, C. S.; Ou, P.-S.; Chu, Y.-H.; Gruendl, R. A.; Li, C.-J.

"A Multiwavelength Survey of Wolf-Rayet Nebulae in the Large Magellanic Cloud".

ApJS,

252, 21

Published

(2021). <https://doi.org/10.3847/1538-4365/abcc00>

(C, P)

- 26 Kohno, M.; Tachihara, K.; Fujita, S.; Hattori, Y.; Torii, K.; Nishimura, A.; Hanaoka, M.; Yoshiike, S.; Enokiya, R. Hasegawa, K. and 4 coauthors
"CO observations toward the isolated mid-infrared bubble S44: External triggering of O-star formation by a cloud-cloud collision".

PASJ,
73, S338-S354 Published
(2021). [\(M\)](https://doi.org/10.1093/pasj/psy109)
-
- 27 Livingston, J. D.; McClure-Griffiths, N. M.; Gaensler, B. M.; Seta, A.; Alger, M. J.
"Heightened Faraday Complexity in the inner 1 kpc of the Galactic Centre".

MNRAS,
502 3814-3828 Published
(2021). [\(C\)](https://doi.org/10.1093/mnras/stab253)
-
- 28 Lower, M. E.; Sengar, R.; Kumar, P.; Shannon, R. M.
"Non-detection of radio pulses from GRB 210119A/Swift J1851.2-6148 with Parkes".

Astronomer's Telegram,
#14347, Published
(2021). [\(P\)](#)
-
- 29 Dyks, J.; Weltevrede, P.; Illie, C.
"Circular polarization in radio pulsar PSR B1451-68: coherent mode transitions and intrabeam interference".

MNRAS,
501 2156-2173 Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3762)
-
- 30 *Pritchard, J.; Murphy, T.; Zic, A.; Lynch, C.; Heald, G.; Kaplan, D. L.; Anderson, C.; Banfield, J.; Hale, C.; Hotan, A.; Lenc, E.; Leung, J. K.; McConnell, D.; Moss, V. A.; Rajan, W.; Stewart, A. J.; Whiting, M.
"A circular polarization survey for radio stars with the Australian SKA Pathfinder".

MNRAS,
502, 5438-5454 Published
(2021). [\(A\)](https://doi.org/10.1093/mnras/stab299)
-

- 31 *Zabel, N.; Davis, T. A.; Smith, M. W. L.; Sarzi, M.; Loni, A.; Serra, P.; Lara-López, M. A.; Cigan, P.; Baes, M.; Bendo, G. J.; De Looze, I.; Iodice, E.; Kleiner, D.; Koribalski, B.; Peletier, R.; Pinna, F.; de Zeeuw, P. T.
"AlFoCS + F3D - II. Unexpectedly low gas-to-dust ratios in the Fornax galaxy cluster".

MNRAS,
502, 4723-4742
Published
(2021). <https://doi.org/10.1093/mnras/stab342> (C)
-
- 32 *Leung, J. K.; Murphy, T.; Ghirlanda, G.; Kaplan, D. L.; Lenc, Em; Dobie, D.; Banfield, J. Hale, C; Hotan,; McConnell, D.; Moss, V. A.; Pritchard, J.; Raja, W.; Stewart, A. J.; Whiting, M.
"A search for radio afterglows from gamma-ray bursts with the Australian Square Kilometre Array Pathfinder".

MNRAS,
503, 1847-1863
Published
(2021). <https://doi.org/10.1093/mnras/stab326> (A)
-
- 33 *Quici, B.; Hurley-Walker, N.; Seymour, N.; Turner, R. J.; Shabala, S. S.; Huynh, M.; Andernach, H.; Kapińska, A. D.; Collier, J. D.; Johnston-Hollitt, M.; White, S. V.; Prandoni, I.; Galvin, T. J.; Franzen, T.; Ishwara-Chandra, C. H.; Bellstedt, S.; Tingay, S. J.; Gaensler, B. M.; O'Brien, A.; Rogers, I.
"Remnant radio galaxies discovered in a multi-frequency survey".

PASA,
38, e008
Published
(2021). <https://doi.org/10.1017/pasa.2020.49> (A)
-
- 34 Pérez-Torres, M.; Gómez, J. F.; Ortiz, J. L.; Leto, P.; Anglada, G.; Gómez, J. L.; Rodríguez, E.; Trigilio, C.; Amado, P. J.; Alberdi, A. and 8 coauthors
"Monitoring the radio emission of Proxima Centauri".

A&A,
645, 77
Published
(2021). <https://doi.org/10.1051/0004-6361/202039052> (C)
-
- 35 Norfolk, B. J.; Maddison, S. T.; Pinte, C.; van der Marel, N.; Booth, R. A.; Francis, L.; Gonzalez, J. -F.; Ménard, F.; Wright, C. M.; van der Plas, G.; Garg, H.
"Dust traps and the formation of cavities in transition discs: A millimetre to sub-millimetre comparison survey".

MNRAS,
502, 5779-5796
Published
(2021). <https://doi.org/10.1093/mnras/stab313> (C)

36 Allison, J.

"A statistical measurement of the H I spin temperature in DLAs at cosmological distances".

MNRAS,

503, 985-996

Published

(2021). <https://doi.org/10.1093/mnras/stab518>

(A)

37 *Yang, J.; van Bemmel, I.; Paragi, Z.; Komossa, S.; Yuan, F.; An, T.; Koay, J. Y.; Reynolds, C.; Oonk, J. B. R.; Liu, X.; Wu, Q.;

"A parsec-scale faint jet in the nearby changing-look Seyfert galaxy Mrk 590".

MNRAS,

502 L61-65

Published

(2021). <https://doi.org/10.1093/mnrasl/slab005>

(O)

38 *Brüggen, M.; Reiprich, T. H.; Bulbul, E.; Koribalski, B. S.; Andernach, H.; Rudnick, L.; Hoang, D. N.; Wilber, A. G.; Duchesne, S. W.; Veronica, A.; and 10 coauthors

"Radio observations of the merging galaxy cluster system Abell 3391-Abell 3395".

A&A,

647, 3

Published

(2021). <https://doi.org/10.1051/0004-6361/202039533>

(A)

39 *Scott, T. C.; Sengupta, C.; Lagos, P.; Chung, A.; Wong, O. I.;

"Resolved HI in two ultra-diffuse galaxies from contrasting non-cluster environments".

MNRAS,

503, 3953-3964

Published

(2021). <https://doi.org/10.1093/mnras/stab390>

(O)

40 *MacLeod, G. C.; Smits, D. P.; Green, J. A.; van den Heever, S. P.

"Synchronized periodic maser flares of multiple OH and CH₃OH lines in G323.459-0.079".

MNRAS,

502, 5658–5667

Published

(2021). <https://doi.org/10.1093/mnras/stab462>

(O)

- 41 *Niu, C. -H.; Li, D.; Luo, R.; Wang, W. -Y.; Yao, J.; Zhang, B.; Wang, P.; Ye, H.; Zhang, Y. -K.; Niu, J. -R. and 10 coauthors

"CRAFTS for Fast Radio Bursts: Extending the Dispersion-Fluence Relation with New FRBs Detected by FAST".

ApJ,

909, L8

Published

(2021). <https://doi.org/10.3847/2041-8213/abe7f0>

(O)

- 42 *Mahatma, V. H.; Hardcastle, M. J.; Harwood, J.; O'Sullivan, S. P.; Heald, G.; Horellou, C.; Smith, D. J. B.

"A low-frequency study of linear polarization in radio galaxies".

MNRAS,

502, 273-292

Published

(2021). <https://doi.org/10.1093/mnras/staa3980>

(O)

- 43 *Parthasarathy, A.; Bailes, M.; Shannon, R. M.; van Straten, W.; Oslowski, S.; Johnston, S.; Spiewak, R.; Reardon, D. J.; Kramer, M.; Venkatraman Krishnan, V. and 11 coauthors

"Measurements of pulse jitter and single-pulse variability in millisecond pulsars using MeerKAT".

MNRAS,

502, 407-422

Published

(2021). <https://doi.org/10.1093/mnras/stab037>

(O)

- 44 Riechers, D. A.; Nayyeri, H.; Burgarella, D.; Emonts, B. H. C.; Clements, D. L.; Cooray, A.; Ivison, R. J.; Oliver, S.; Pérez-Fournon, I.; Rigopoulou, D.; Scott, D.

"Rise of the Titans: Gas Excitation and Feedback in a Binary Hyperluminous Dusty Starburst Galaxy at $z \sim 6$ ".

ApJ,

907 62

Published

(2021). <https://doi.org/10.3847/1538-4357/abcf2e>

(C)

- 45 de Haas, S. E. M.; Russell, T. D.; Degenaar, N.; Markoff, S.; Tetarenko, A. J.; Tetarenko, B. E.; van den Eijnden, D.; Miller-Jones, J. C. A Parikh, A. S.; Plotkin, R. M.; Sivakoff, G. R.

"Disc-jet coupling changes as a possible indicator for outbursts from GX 339-4 remaining within the X-ray hard state".

MNRAS,

502, 521-540

Published

(2021). <https://doi.org/10.1093/mnras/staa3853>

(C)

- 46 Reiprich, T. H.; Veronica, A.; Pacaud, F.; Ramos-Ceja, M. E.; Ota N.; Sanders, J.; Kara, M.; Erben, T.; Klein, M.; Erben, T. and 10 coauthors
 "The Abell 3391/95 galaxy cluster system. A 15 Mpc intergalactic medium emission filament, a warm gas bridge, infalling matter clumps, and (re-) accelerated plasma discovered by combining SRG/eROSITA data with ASKAP/EMU and DECam data".
 A&A,
 647, 2 Published
 (2021). [\(A\)](https://doi.org/10.1051/0004-6361/202039590)
-
- 47 *Wolf, J.; Nandra, K.; Salvato, M.; Liu, T.; Buchner, J.; Brusa, M.; Hoang, D. N.; Moss, V.; Arcodia, R.; Brüggen, M. and 10 coauthors
 "First constraints on the AGN X-ray luminosity function at z > 6 from an eROSITA-detected quasar".
 A&A,
 647, 5 Published
 (2021). [\(A\)](https://doi.org/10.1051/0004-6361/202039724)
-
- 48 *Schulz, R.; Morganti, R.; Nyland, K.; Paragi, Z.; Mahony, E. K.; Oosterloo, T.
 "Parsec-scale HI outflows in powerful radio galaxies".
 A&A,
 647, 63 Published
 (2021). [\(O\)](https://doi.org/10.1051/0004-6361/202037677)
-
- 49 *Moss, V. A.; Adcock, M.; Hotan, A. W.; Kobayashi, R.; Rees, G. A.; Siégel, C.; Tremblay, C. D.; Trenham, C. E.
 "Forging a path to a better normal for conferences and collaboration".
 Nat. Astron.,
 5, 213-216 Published
 (2021). [\(O\)](https://doi.org/10.1038/s41550-021-01325-z)
-
- 50 *Anderson, G. E.; Bell, M. E.; Stevens, J.; Aksulu, M. D.; Miller-Jones, J. C. A.; van der Horst, A. J.; Wijers, R. A. M. J.; Rowlinson, A. and 5 coauthors
 "Rapid-response radio observations of short GRB 181123B with the Australia Telescope Compact Array".
 MNRAS,
 503, 4372-4386 Published
 (2021). [\(C\)](https://doi.org/10.1093/mnras/stab727)

- 51 *Akhter, S.; Cunningham, M. R.; Harvey-Smith, L.; Nawaz, M. A.; Jones, P. A.; Walsh, A.; de Gouveia Dal Pino, E. M.; Falceta-Gonçalves, D.
- "Do dense molecular cores with broad emission spectra at $|l| \asymp 5.4^\circ$, $|b| \asymp 0.4^\circ$ trace the Galactic bar? A multimolecular line study from HOPS".
- MNRAS,
- 502, 5896-5920
- Published
- (2021). [\(M\)](https://doi.org/10.1093/mnras/staa267)
-
- 52 *Hotan, A. W.; Bunton, J. D.; Chippendale, A. P.; Whiting, M.; Tuthill, J.; Moss, V. A.; McConnell, D.; Amy, S. W.; Huynh, M. T.; Allisor J. R. and 56 coauthors
- "Australian square kilometre array pathfinder: I. system description".
- PASA,
- 38, e009
- Published
- (2021). [\(A\)](https://doi.org/10.1017/pasa.2021.1)
-
- 53 *MacGregor, M.; Weinberger, A.; Loyd, P.; Shkolnik, E.; Barclay, T.; Howard, W.; Zic, A.; Osten, R.; Cranmer, S.; Kowalski, A.; Lenc, E. and 9 coauthors
- "Discovery of an Extremely Short Duration 'Building Block' Flare from Proxima Centauri". In:
- AASTCS 8, Habitable Worlds 2021, Virtual Workshop, 22-26 February 2021,*
- 53, id.1249
- Published
- (2021). (A)
-
- 54 Coti, Z. F.; Borghese, A.; Israel, G. L.; Rea, N.; Esposito, P.; Pilia, M.; Burgay, M.; Possenti, A.; Corongiu, A.; Ridolfi, A.; and 6 coauthors
- "The New Magnetar SGR J1830-0645 in Outburst".
- ApJ,
- 907, L34
- Published
- (2021). [\(P\)](https://doi.org/10.3847/2041-8213/abda52)
-
- 55 *Carotenuto, F.; Corbel, S.; Tremou, E.; Russell, T. D.; Tzioumis, A.; Fender, R. P.; Woudt, P. A.; Motta, S. E.; Miller-Jones, J. C. A.; Chauhan, J.; Tetarenko, A. J.; and 6 coauthors
- "The black hole transient MAXI J1348-630: evolution of the compact and transient jets during its 2019/2020 outburst".
- MNRAS,
- 504, 444-468
- Published
- (2021). [\(C\)](https://doi.org/10.1093/mnras/stab864)

- 56 Dickey, J. M.; Weston, J. H. S.; Sokoloski, J. L.; Vrtilek, S. D.; McCollough, M.

"Radio Spectral Index Analysis of Southern Hemisphere Symbiotic Stars".

ApJ,

911, 30

Published

(2021). <https://doi.org/10.3847/1538-4357/abe774>

(C)

- 57 *Pötzl, F. M.; Lobanov, A. P.; Ros, E.; Gómez, J. L.; Bruni, G.; Bach, U.; Fuentes, A.; Gurvits, L. I.; Jauncey, D. L.; Kovalev, Y. Y.; and 5 coauthors

"Probing the innermost regions of AGN jets and their magnetic fields with RadioAstron. IV. The quasar 3C 345 at 18 cm: Magnetic field structure and brightness temperature".

A&A,

648, 82

Published

(2021). <https://doi.org/10.1051/0004-6361/202039493>

(O)

- 58 *Bojičić, I. S.; Filipović, M. D.; Urošević, D.; Parker, Q. A.; Galvin, T. J.

"Determination of Planetary Nebulae angular diameters from radio continuum spectral energy distribution modelling".

MNRAS,

503, 2887-2898

Published

(2021). <https://doi.org/10.1093/mnras/stab687>

(O)

- 59 *Amaral, A. D.; Vernstrom, T.; Gaensler, B. M.

"Constraints on large-scale magnetic fields in the intergalactic medium using cross-correlation methods".

MNRAS,

503, 2913-2926

Published

(2021). <https://doi.org/10.1093/mnras/stab564>

(O)

- 60 *Zhang, C. F.; Xu, J. W.; Men, Y. P.; Deng, X. H.; Xu, Heng; Jiang, J. C.; Wang, B. J.; Lee, K. J.; Li, J.; Yuan, J. P.; and 10 coauthors

"Fast radio burst detection in the presence of coloured noise".

MNRAS,

503, 5223-5231

Published

(2021). <https://doi.org/10.1093/mnras/stab823>

(O)

- 61 Avison, A.; Fuller, G. A.; Peretto, N.; Duarte-Cabral, A.; Rosen, A. L.; Traficante, A.; Pineda, J. E.; Güsten, R.; Cunningham, N.

"Continuity of accretion from clumps to Class 0 high-mass protostars in SDC335".

A&A,

645, 142

Published

(2021). <https://doi.org/10.1051/0004-6361/201936043>

(C)

- 62 Hodgson, T; Bartalucci, I.; Johnston-Hollitt, M.; McKinley, B.; Vazza, F.; Wittor, D.

"Ultra-steep-spectrum Radio "Jellyfish" Uncovered in A2877".

ApJ,

909, 198

Published

(2021). <https://doi.org/10.3847/1538-4357/abe384>

(C)

- 63 *Webster, B.; Croston, J. H.; Mingo, B.; Baldi, R. D.; Barkus, B.; Gürkan, G.; Hardcastle, M. J.; Morganti, R.; Röttgering, H. J. A.; Sabater, J.; and 3 coauthors

"A population of galaxy-scale jets discovered using LOFAR".

MNRAS,

500, 4921-4936

Published

(2021). <https://doi.org/10.1093/mnras/staa3437>

(O)

- 64 Chu, C. -Y.; Ng, C. -Y.; Kong, A. K. H.; Chang, H. -K.

"High-frequency radio observations of two magnetars, PSR J1622 - 4950 and 1E 1547.0 - 5408".

MNRAS,

503, 1214-1220

Published

(2021). <https://doi.org/10.1093/mnras/stab349>

(C)

- 65 Rebollo, D.; Green, A. J.; Burton, M. G.; Breen, S. L.; Garay, G.

"The Carina Nebula and Gum 31 Molecular Complex. III. The Distribution of the 1-3 GHz Radio Continuum across the Whole Nebula".

ApJ,

909, 93

Published

(2021). <https://doi.org/10.3847/1538-4357/abd7a3>

(C)

- 66 Plotkin, R. M.; Bahramian, A.; Miller-Jones, J. C. A.; Reynolds, M. T.; Atri, P.; Maccarone, T. J.; Shaw, A. W.; Gandhi, P.

"Towards a larger sample of radio jets from quiescent black hole X-ray binaries".

MNRAS,

503, 3784-3795

Published

(2021). <https://doi.org/10.1093/mnras/stab644>

(C)

- 67 *Sobey, C.; Johnston, S.; Dai, S.; Kerr, M.; Manchester, R. N.; Oswald, L. S.; Parthasarathy, A.; Shannon, R. M.; Weltevrede, P.

"A polarization census of bright pulsars using the ultrawideband receiver on the Parkes radio telescope".

MNRAS,

504, 228-247

Published

(2021). <https://doi.org/10.1093/mnras/stab861>

(P)

- 68 Dang, S. -J.; Wang, N.; Wang, H. -H.; Yan, J. -P.; Shang, L. -H.; Yuen, R.; Ge, M. -Y.; Zhou, X.; Wang, S. -Q.; Kou, F. -F. and 6 coauthors

"Spin-down and emission variations for PSR J0742-2822".

Res. Astron,

21, 042

Published

(2021). <https://doi.org/10.1088/1674-4527/21/2/42>

(P)

- 69 Li, L. -C.; Staveley-Smith, L.; Rhee, J.

"An HI intensity mapping survey with a Phased Array Feed".

RAA,

21, 030

Published

(2021). <https://doi.org/10.1088/1674-4527/21/2/30>

(P)

- 70 Ighina, L.; Belladitta, S.; Caccianiga, A.; Broderick, J. W.; Drouart, G.; Moretti, A.; Seymour, N.

"Radio detection of VIK J2318-3113, the most distant radio-loud quasar ($z = 6.44$)".

A&A,

647, L11

Published

(2021). <https://doi.org/10.1051/0004-6361/202140362>

(A)

71 Jankowski, F.; Keane, E. F.; Stappers, B. W.

"Constraints on wide-band radiative changes after a glitch in PSR J1452-6036".

MNRAS,

504, 406-415

Published

(2021). <https://doi.org/10.1093/mnras/stab824>

(P)

72 Becker, W.; Hurley-Walker, N.; Weinberger, Ch.; Nicastro, L.; Mayer, M. G. F.; Merloni, A.; Sanders, J.

"Hoinga: a supernova remnant discovered in the SRG/eROSITA All-Sky Survey eRASS1".

A&A,

648, 30

Published

(2021). <https://doi.org/10.1051/0004-6361/202040156>

(P)

73 Devin, J.; Renaud, M.; Lemoine-Goumard, M.; Vasileiadis, G.

"Multiwavelength constraints on the unidentified Galactic TeV sources HESS J1427-608, HESS J1458-608, and new VHE γ -ray source candidates".

A&A,

647, 68

Published

(2021). <https://doi.org/10.1051/0004-6361/202039563>

(P)

74 *Bailes, M.; Bassa, C. G.; Bernardi, G.; Buchner, S.; Burgay, M.; Caleb, M.; Cooper, A. J.; Desvignes, G.; Groot, P. J.; Heywood, I.; and 47 coauthors

"Multifrequency observations of SGR J1935+2154".

MNRAS,

503, 5367-5384

Published

(2021). <https://doi.org/10.1093/mnras/stab749>

(O)

75 *Liu, M.; Krčo, M.; Li, D.; Hobbs, G.; Dawson, J. R.; Heiles, C.; Jameson, A.; Stanimirović, S.; Johnston, S.; Dickey, J. M.

"Tiny-scale Structure Discovered toward PSR B1557-50".

ApJ,

911, L13

Published

(2021). <https://doi.org/10.3847/2041-8213/abef6e>

(O)

- 76 *Anderson, C. S.; Heald, G. H.; Eilek, J. A.; Lenc, E.; Gaensler, B. M.; Rudnick, L.; Van Eck, C. L.; O'Sullivan, S. P.; Stil, J. M.; Chippendale, A.; and 12 coauthors
 "Early Science from POSSUM: Shocks, turbulence, and a massive new reservoir of ionised gas in the Fornax cluster".
 PASA,
 38, e020 Published
 (2021). [\(A\)](https://doi.org/10.1017/pasa.2021.4)
-
- 77 *Fujii, K.; Mizuno, N.; Dawson, J. R.; Inoue, T.; Torii, K.; Onishi, T.; Kawamra, A.; Muller, E.; Minamidani, T.; Tsuge, K.; Fukui, Y.
 "Giant molecular cloud formation at the interface of colliding supershells in the large magellanic cloud".
 MNRAS,
 505 459-479 Published
 (2021). [\(C\)](https://doi.org/10.1093/mnras/stab1202)
-
- 78 *Swainston, N. A.; Bhat, N. D. R.; Sokolowski, M.; McSweeney, S. J.; Kudale, S.; Dai, S.; Smith, K. R.; Morrison, I. S.; Shannon, R. M.; van Straten, W.; and 10 coauthors
 "Discovery of a Steep-spectrum Low-luminosity Pulsar with the Murchison Widefield Array".
 ApJ,
 911, L26 Published
 (2021). [\(O\)](https://doi.org/10.3847/2041-8213/abec7b)
-
- 79 *Pol, N.; Burke-Spolaor, S.; Hurley-Walker, N.; Blumer, H.; Johnston, S.; Keith, M.; Keane, E. F.; Burgay, M.; Possenti, A.; Petroff, E.; Bhat, N. D. R.;
 "The Location of Young Pulsar PSR J0837-2454: Galactic Halo or Local Supernova Remnant?".
 ApJ,
 911, 121 Published
 (2021). [\(O\)](https://doi.org/10.3847/1538-4357/abe70d)
-
- 80 *Alger, M. J.; Livingston, J. D.; McClure-Griffiths, N. M.; Nabaglo, J. L.; Wong, O. I.; Ong, C. S.
 "Interpretable Faraday complexity classification".
 PASA,
 38, e022 Published
 (2021). [\(O\)](https://doi.org/10.1017/pasa.2021.10)

81 *Morgan, J. S.; Ekers, R.

"A measurement of source noise at low frequency: Implications for modern interferometers".

PASA,

38, e013

Published

(2021). <https://doi.org/10.1017/pasa.2021.3>

(O)

82 *Bhakta, D.; Mooley, K. P.; Corsi, A.; Balasubramanian, A.; Dobie, D.; Frail, D. A.; Hallinan, G.; Kaplan, D. L.; Myers, S. T.; Singer, L. P.

"The JAGWAR Prowls LIGO/Virgo O3 Paper I: Radio Search of a Possible Multimessenger Counterpart of the Binary Black Hole Merger Candidate S191216ap".

ApJ,

911, 77

Published

(2021). <https://doi.org/10.3847/1538-4357/abeaa8>

(O)

83 *Hess, K. M.; Roberts, H.; Dénes, H.; Adebahr, B.; Darling, J.; Adams, E. A. K.; de Blok, W. J. G.; Kutkin, A.; Lucero, D. M.; Morganti, R.;

"Apertif view of the OH megamaser IRAS 10597+5926: OH 18 cm satellite lines in wide-area H I surveys".

A&A,

647, A193

Published

(2021). <https://doi.org/10.1051/0004-6361/202040019>

(O)

84 *Misra, K.; Resmi, L.; Kann, D. A.; Marongiu, M.; Moin, A.; Klose, S.; Bernardi, G.; de Ugarte Postigo, A.; Jaiswal, V. K.; Schulze, S.; and 18 coauthors

"Low frequency view of GRB 190114C reveals time varying shock micro-physics".

MNRAS,

504, 5685-5701

Published

(2021). <https://doi.org/10.1093/mnras/stab1050>

(C)

85 *Loni, A.; Serra, P.; Kleiner, D.; Cortese, L.; Catinella, B.; Koribalski, B.; Jarrett, T. H.; Molnar, D. Cs.; Davis, T. A.; Iodice, E.; and 8 coauthors

"A blind ATCA HI survey of the Fornax galaxy cluster. Properties of the HI detections".

A&A,

648, A31

Published

(2021). <https://doi.org/10.1051/0004-6361/202039803>

(P, C)

86 *Dunn, L.; Lower, M. E.; Melatos, A.

"Effects of periodicity in observation scheduling on parameter estimation of pulsar glitches".

MNRAS,

504, 3399-3411

Published

(2021). <https://doi.org/10.1093/mnras/stab1097>

(P)

87 *Kramer, M.; Stairs, I. H.; Venkatraman Krishnan, V.; Freire, P. C. C.; Abbate, F.; Bailes, M.; Burgay, M.; Buchner, S.; Champion, D. J.; Cognard, I.; and 28 coauthors

"The relativistic binary programme on MeerKAT: science objectives and first results".

MNRAS,

504, 2094-2114

Published

(2021). <https://doi.org/10.1093/mnras/stab375>

(O)

88 *Koribalski, B. S.; Norris, R. P.; Andernach, H.; Rudnick, L.; Shabala, S.; Filipović, M.; Lenc, E.

"Discovery of a new extragalactic circular radio source with ASKAP: ORC J0102-2450".

MNRAS,

505, L11-L15

Published

(2021). <https://doi.org/10.1093/mnrasl/slab041>

(A)

89 *Herrera Ruiz, N.; O'Sullivan, S. P.; Vacca, V.; Jelić, V.; Nikiel-Wroczyński, B.; Bourke, S.; Sabater, J.; Dettmar, R. -J.; Heald, G.; Horellou, C.; and 12 coauthors

"LOFAR Deep Fields: probing a broader population of polarized radio galaxies in ELAIS-N1".

A&A,

648, A12

Published

(2021). <https://doi.org/10.1051/0004-6361/202038896>

(O)

90 *MacGregor, M. A.; Weinberger, A. J.; Loyd, R. O. P.; Shkolnik, E.; Barclay, T.; Howard, W. S.; Zic, A.; Osten, R. A.; Cranmer, S. R.; Kowalski, A. F.; and 10 coauthors

"Discovery of an Extremely Short Duration Flare from Proxima Centauri Using Millimeter through Far-ultraviolet Observations".

ApJ,

911, L25

Published

(2021). <https://doi.org/10.3847/2041-8213/abf14c>

(A)

- 91 *Tasse, C.; Shimwell, T.; Hardcastle, M. J.; O'Sullivan, S. P.; van Weeren, R.; Best, P. N.; Bester, L.; Hugo, B.; Smirnov, O.; Sabater, J.; and 22 coauthors
"The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. I. Direction-dependent calibration and imaging".
A&A,
648, A1 Published
(2021). [\(O\)](https://doi.org/10.1051/0004-6361/202038804)
-
- 92 *Kondapally, R.; Best, P. N.; Hardcastle, M. J.; Nisbet, D.; Bonato, M.; Sabater, J.; Duncan, K. J.; McCheyne, I.; Cochrane, R. K.; Bowler, R. A. A.; and 33 coauthors
"The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. III. Host-galaxy identifications and value added catalogues".
A&A,
648, A3 Published
(2021). [\(O\)](https://doi.org/10.1051/0004-6361/202038813)
-
- 93 *Duncan, K. J.; Kondapally, R.; Brown, M. J. I.; Bonato, M.; Best, P. N.; Röttgering, H. J. A.; Bondi, M.; Bowler, R. A. A.; Cochrane, R. K.; Gürkan, G.; and 14 coauthors
"The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. IV. Photometric redshifts and stellar masses".
A&A,
648, A4 Published
(2021). [\(O\)](https://doi.org/10.1051/0004-6361/202038809)
-
- 94 *Wang, L.; Gao, F.; Best, P. N.; Duncan, K.; Hardcastle, M. J.; Kondapally, R.; Małek, K.; McCheyne, I.; Sabater, J.; Shimwell, T.; and 1 coauthors
"The bright end of the infrared luminosity functions and the abundance of hyperluminous infrared galaxies".
A&A,
648 A8 Published
(2021). [\(O\)](https://doi.org/10.1051/0004-6361/202038811)
-
- 95 *Smith, D. J. B.; Haskell, P.; Gürkan, G.; Best, P. N.; Hardcastle, M. J.; Kondapally, R.; Williams, W.; Duncan, K. J.; Cochrane, R. K.; McCheyne, I.; Röttgering, H. J. A.; and 10 coauthors
"The LOFAR Two-metre Sky Survey Deep Fields. The star-formation rate-radio luminosity relation at low frequencies".
A&A,
648, A6 Published
(2021). [\(O\)](https://doi.org/10.1051/0004-6361/202039343)

- 96 *Morganti, R.; Oosterloo, T. A.; Brienza, M.; Jurlin, N.; Prandoni, I.; Orrù, E.; Shabala, S. S.; Adams, E. A. K.; Adebahr, B.; Best, P. N.; and 29 coauthors
 "The best of both worlds: Combining LOFAR and Apertif to derive resolved radio spectral index images".
 A&A,
 648, A9
 Published
 (2021). [\(O\)](https://doi.org/10.1051/0004-6361/202039102)
-
- 97 *Yao, J.; Zhu, W.; Manchester, R. N.; Coles, W. A.; Li, D.; Wang, N.; Kramer, M.; Stinebring, D. R.; Feng, Y.; Wenming, Y.; and 4 coauthors
 "Evidence for three-dimensional spin-velocity alignment in a pulsar".
 Nat. Astron.,
 5, 788-795
 Published
 (2021). [\(O\)](https://doi.org/10.1038/s41550-021-01360-w)
-
- 98 Wienen, M.; Wyrowski, F.; Walmsley, C. M.; Csengeri, T.; Pillai, T.; Giannetti, A.; Menten, K. M.
 "ATLASGAL-selected massive clumps in the inner Galaxy. IX. Deuteration of ammonia".
 A&A,
 649, A21
 Published
 (2021). [\(M\)](https://doi.org/10.1051/0004-6361/201731208)
-
- 99 *Gokus, A.; Paliya, V. S.; Wagner, S. M.; Buson, S.; D'Ammando, F.; Edwards, P. G.; Kadler, M.; Meyer, M.; Ojha, R.; Stevens, J.; Wilms, J.
 "The first GeV flare of the radio-loud narrow-line Seyfert 1 galaxy PKS 2004-447".
 A&A,
 649, A77
 Published
 (2021). [\(C\)](https://doi.org/10.1051/0004-6361/202039378)
-
- 100 *Carotenuto, F.; Corbel, S.; Tremou, E.; Russell, T. D.; Tzioumis, A.; Fender, R. P.; Woudt, P. A.; Motta, S. E.; Miller-Jones, J. C. A.; Tetarenko, A. J.; Sivakoff, G. R.
 "The hybrid radio/X-ray correlation of the black hole transient MAXI J1348-630".
 MNRAS,
 505, L58-L63
 Published
 (2021). [\(O\)](https://doi.org/10.1093/mnrasl/slab049)

- 101 *Reynolds, T. N.; Westmeier, T.; Elagali, A.; Catinella, B.; Cortese, L.; Deg, N.; For, B. -Q.; Kamphuis, P.; Kleiner, D.; Koribalski, B. S.; and 10 coauthors
"WALLABY pilot survey: First look at the hydra I cluster and ram pressure stripping of ESO 501-G075".
MNRAS,
505 1891-1904 Published
(2021). [\(A\)](https://doi.org/10.1093/mnras/stab1371)
-
- 102 *Umana, G.; Trigilio, C.; Ingallinera, A.; Riggi, S.; Cavallaro, F.; Marvil, J.; Norris, R. P.; Hopkins, A. M.; Buemi, C. S.; Bufano, F.; and 18 coauthors
"A first glimpse at the Galactic Plane with the ASKAP: the SCORPIO field".
MNRAS,
506 2232-2246 Published
(2021). [\(A\)](https://doi.org/10.1093/mnras/stab1279)
-
- 103 *Vernstrom, T.; Heald, G.; Vazza, F.; Galvin, T. J.; West, J. L.; Locatelli, N.; Fornengo, N.; Pinetti, E.
"Discovery of magnetic fields along stacked cosmic filaments as revealed by radio and X-ray emission".
MNRAS,
505, 4178-4196 Published
(2021). [\(O\)](https://doi.org/10.1093/mnras/stab1301)
-
- 104 *Stevens, J.; Ojha, R.; Edwards, P. G.; Kadler, M.
"ATCA Detection of a Radio Flare in the Blazar PKS 0438-43 Detected in Elevated Gamma-ray State by Fermi-LAT".
The Astronomer's Telegram,
#14468, Published
(2021). (C)
-
- 105 *Garratt-Smithson, L.; Power, C.; Lagos, C. d.P.; Stevens, A. R. H.; Allison, James R.; Sadler, Elaine M.
"The distribution and properties of DLAs at $z \leq 2$ in the EAGLE simulations".
MNRAS,
501, 4396-4419 Published
(2021). [\(O\)](https://doi.org/10.1093/mnras/staa3870)

106 *Aggarwal, K.; Burke-Spolaor, S.; Tejos, N.; Pignata, G.; Xavier, P. J.; Ravi, V.; Kaczmarek, J. F.; Osłowski, S.

"Multiwavelength Follow-up of FRB180309".

ApJ,
913, 78
(2021). <https://doi.org/10.3847/1538-4357/abf6d4> Published (C)

107 *Dobie, D.; Murphy, T.; Kaplan, D. L.; Hotokezaka, K.; Ataides, J. P. B.; Mahony, E. K.; Sadler, E. M.

"Radio Afterglows from Compact Binary Coalescences: Prospects for Next-Generation Telescopes".

MNRAS,
505 2647-2661
(2021). [https://doi.org/https://doi.org/10.1093/mnras/stab1468](https://doi.org/10.1093/mnras/stab1468) Published (O)

108 *Wenger, T. V.; Dawson, J. R.; Dickey, J. M; Jordan, C. H.; McClure-Griffiths, N. M.; Anderson, L. D.; Armentrout, W. P.; Balser, D. S.; Bania, T. M.

"The Southern H II Region Discovery Survey. II. The Full Catalog".

ApJS,
254, 36
(2021). <https://doi.org/10.3847/1538-4365/abf4d4> Published (C)

109 Debnath, D.; Chatterjee, K.; Chatterjee, D.; Jana, A.; Chakrabarti, S. K.

"Jet properties of XTE J1752-223 during its 2009-2010 outburst".

MNRAS,
504, 4242-4251
(2021). <https://doi.org/10.1093/mnras/stab1169> Published (C)

110 *Perez-Torres, M.; Ryder, S.; Kundu, E. Marnoch, L.; Mattila, S.; Horesh, A.; Weers, T.; Roy, R.; Schulze, S.; Mandel, I.; and 1 coautho

"ATCA radio non-detection of the TDE AT2021blz".

The Astronomer's Telegram,
#14697,
(2021). Published (C)

111 Burgay, M.; Pilia, M.; Possenti, A.; Borghese, A.; Coti Zelati, F.; Esposito, N. R. P.; Israel, G. L.; Keane, E.

"Ultra Wideband radio observations of magnetar Swift J1555.2-5402 at Parkes".

The Astronomer's Telegram,

#14680,

Published

(2021). (P)

112 *Marnoch, L.; Ryder, S. D.; Kundu, E.; Filipovic, M. D.; Alsaberi, R.; Anderson, G.; Stockdale, C.; Maeda, K.; Renaud, M.; Kotak, R.

"Radio observations of SN 2021mwj".

The Astronomer's Telegram,

#14673,

Published

(2021). (C)

113 *Day, C. K.; Bhandari, S.; Deller, A. T.; Shannon, R. M.; ASKAP-CRAFT Survey Science Project.

"ASKAP low-band interferometric localisation of the FRB 20201124A source".

The Astronomer's Telegram,

#14592,

Published

(2021). (A)

114 *Day, C. K.; Bhandari, S.; Deller, A. T.; Shannon, R. M.; Moss, V. A.

"ASKAP localisation of the FRB 20201124A source".

The Astronomer's Telegram,

#14515,

Published

(2021). (A)

115 *Kumar, P.; Shannon, R. M.; Keane, E.; Moss, V. A.; Askap-Craft Survey Science Project.

"A second fast radio burst from the source of FRB 201124A detected by ASKAP".

The Astronomer's Telegram,

#14508,

Published

(2021). (A)

116 *Corbel, S.; Tzioumis, T.; Russell, T. D.; Miller-Jones, J. C. A.; Tremou, E.

"ATCA observations of radio flaring emission from GX 339-4 during the current hard-to-soft state transition".

The Astronomer's Telegram,

#14507,

Published

(2021). (C)

117 *Anderson, G. E.; Hancock, P. J.; Rowlinson, A.; Sokolowski, M.; Wiliams, A.; Tian, J.; Miller-Jones, J. C. A.; Hurley-Walker, N.; Bannister, K. W.; Bell, M. E.; and 7 coauthors

"Murchison Widefield Array rapid-response observations of the short GRB 180805A".

PASA,

38, e026

Published

(2021). <https://doi.org/10.1017/pasa.2021.15> (O)

118 *Kumar, P.; Shannon, R.. M.; Moss, V.; Qiu, H.; Bhandari, S.

"ASKAP detection of a repeat burst from the FRB 20201124A source."

The Astronomer's Telegram,

#14502,

Published

(2021). (A)

119 *Nicuesa Guelbenzu, A. M.; Klose, S.; Schady, P.; Greiner, J.; Hartmann, D. H.; Hunt, L. K.; Magnelli, B.; Masetti, N.; Michalowski, M. J.; Palazzi, E.; and 3 coauthors

"The host galaxy of the short GRB 050709".

A&A,

650, A117

Published

(2021). <https://doi.org/10.1051/0004-6361/202039689> (C)

120 *Di Mascolo, L.; Mroczkowski, T.; Perrott, Y.; Rudnick, L.; James Jee, M.; HyeongHan, K.; Churazov, E.; Collier, J. D.; Diego, J. M.; Hopkins, A. M. and 5 coauthors

"Multiwavelength view of SPT-CL J2106-5844. The radio galaxies and the thermal and relativistic plasmas in a massive galaxy cluster merger at $z \approx 1.13$ ".

A&A,

650, A153

Published

(2021). <https://doi.org/10.1051/0004-6361/202040260> (A, C)

- 121 *Namumba, B.; Koribalski, B. S.; Józsa, G. I. G.; Lee-Waddell, K.; Jones, M. G.; Carignan, C.; Verdes-Montenegro, L.; Verdes-Montenegro, L.; Cluver, M. and 17 coauthors
"MeerKAT-64 discovers wide-spread tidal debris in the nearby NGC 7232 galaxy group".
MNRAS,
505, 3795-3809
Published
(2021). [\(O\)](https://doi.org/10.1093/mnras/stab1524)
-
- 122 *Wolleben, M.; Landecker, T. L.; Douglas, K. A.; Gray, A. D.; Ordog, A.; Dickey, J. M.; Hill, A. S.; Carretti, E.; Gaensler, B. M.; and 10 coauthors
"The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280-1750 MHz".
AJ,
162, 35
Published
(2021). [\(O\)](https://doi.org/10.3847/1538-3881/abf7c1)
-
- 123 *Thomson, Alec J. M. ; Landecker, T. L. ; McClure-Griffiths, N. M. ; Dickey, John M. ; Campbell, J. L. ; Carretti, E. ; Clark, S. E. ; Federrath, C. ; Gaensler, B. M. ; Han, J. L. ; and 9 coauthors
"The Global Magneto-Ionic Medium Survey (GMIMS): The brightest polarized region in the Southern sky at 75 cm and its implications for Radio Loop II".
MNRAS,
507, 3495-3518
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/stab1805)
-
- 124 *Song, X.; Weltevrede, P.; Keither, M. J.; Johnston, S.; Karastergiou, A.; Bailes, M.; Barr, E. D.; Buchner, S.; Geyer, M.; Hugo, B. V.; an 8 coauthors
"The Thousand-Pulsar-Array programme on MeerKAT - II. Observing strategy for pulsar monitoring with subarrays".
MNRAS,
505, 4456-4467
Published
(2021). [\(P\)](https://doi.org/10.1093/mnras/staa3805)
-
- 125 *Geyer, M.; Serylak, M.; Abbate, F.; Bailes, M.; Buchner, S.; Chilufya, J.; Johnston, S.; Karastergiou, A.; Main, R.; van Straten, W.; and 1 coauthor
"The Thousand-Pulsar-Array programme on MeerKAT - III. Giant pulse characteristics of PSR J0540-6919".
MNRAS,
505, 4468-4482
Published
(2021). [\(O\)](https://doi.org/10.1093/mnras/stab1501)
-

126 *Oswald, L. S.; Karastergiou, A.; Posselt, B.; Johnston, S.; Bailes, M.; Buchner, S.; Geyer, M.; Keith, M. J.; Kramer, M.; Parthasarathy, A.; and 6 coauthors

"The Thousand-Pulsar-Array programme on MeerKAT - V. Scattering analysis of single-component pulsars".

MNRAS,

504, 1115-1128

Published

(2021). <https://doi.org/10.1093/mnras/stab980>

(O)

127 *Yoshiura, S.; Pindor, B.; Line. J. L. B.; Barry, N.; Trott, C. M.; Beardsley, A.; Bowman, J.; Bryne, R.; Chokshi, A.; Hazelton, B. J.; and 22 coauthors

"A new MWA limit on the 21 cm power spectrum at redshifts ~13-17".

MNRAS,

505, 4775-4790

Published

(2021). <https://doi.org/10.1093/mnras/stab1560>

(O)

128 *Schreiber, C.; Glazebrook, K.; Papovich, C.; Díaz-Santos, T.; Verma, A.; Elbaz, D.; Kacprzak, G. G.; Nanayakkara, T.; Oesch, P.; Pannella, M.; and 4 coauthors

"A low [CII]/[NII] ratio in the center of a massive galaxy at z = 3.7: Evidence for a transition to quiescence at high redshift?".

A&A,

646, A68

Published

(2021). <https://doi.org/10.1051/0004-6361/201936460>

(O)

129 Balakrishnan, V.; Champion, D.; Barr, E.; Kramer, M.; Sengar, R.; Bailes, M.

"Pulsar candidate identification using semi-supervised generative adversarial networks".

MNRAS,

505 1180-1194

Published

(2021). <https://doi.org/10.1093/mnras/stab1308>

(P)

130 *Gurvits, L. I. ; Beswick, R. ; Hoare, M. ; Njeri, A. ; Blanchard, J. ; Sharpe, C. ; Tiplady, A. ; de Witt, A.

"High-resolution radio astronomy: An outlook for Africa". In:

Proceedings of the International Astronomical Union S356: Nuclear Activity in Galaxies Across Cosmic Time, Addis Ababa, Ethiopia,

356, 137-142

Published

(2021). <https://doi.org/10.1017/S1743921320002744>

(O)

- 131 *Westmeier, T.; Kitaeff, S.; Pallot, D.; Serra, P.; van der Hulst, J. M.; Jurek, R. J.; Elagali, A.; For, B. -Q.; Kleiner, D.; Koribalski, B. S.; and 5 coauthors
"SOFIA 2 - An automated, parallel H I source finding pipeline for the WALLABY survey".

MNRAS,
506, 3962-3976
Published
(2021). <https://doi.org/10.1093/mnras/stab1881> (A)
-
- 132 *Wang, J.; Staveley-Smith, L.; Westmeier, T.; Catinella, B.; Shao, L.; Reynolds, T. N.; For, B. -Q.; Lee, B.; Liang, Z. -Z.; Wang, S.; and 19 coauthors
"WALLABY Pilot Survey: The Diversity of Ram Pressure Stripping of the Galactic H I Gas in the Hydra Cluster".

ApJ,
915, 70
Published
(2021). <https://doi.org/10.3847/1538-4357/abfc52> (A)
-
- 133 *Maitra, C.; Esposito, P.; Tiengo, A.; Ballet, J.; Haberl, F.; Dai, S.; Filipović, M. D.; Pilia, M.
"IKT 16 aka PSR J0058-7218: Discovery of a 22 ms energetic rotation-powered pulsar in the Small Magellanic Cloud".

MNRAS,
507, L1-L5
Published
(2021). <https://doi.org/10.1093/mnrasl/slab050> (P)
-
- 134 *Pennock, C. M.; van Loon, J. T.; Filipović, M. D.; Andernach, H.; Haberl, F.; Kothes, Roland; Lenc, E.; Rudnick, L.; White, S. V.; Agliozzo, C.; and 21 coauthors
"The ASKAP-EMU Early Science Project: 888 MHz radio continuum survey of the Large Magellanic Cloud".

MNRAS,
506, 3540-3559
Published
(2021). <https://doi.org/10.1093/mnras/stab1858> (A)
-
- 135 Duchesne, S. W.; Johnston-Hollitt, M.; Wilber, A. G.
"MWA and ASKAP observations of atypical radio-halo-hosting galaxy clusters: Abell 141 and Abell 3404".

PASA,
38, e031
Published
(2021). <https://doi.org/10.1017/pasa.2021.24> (A)

136 *Serylak, M.; Johnston, S.; Kramer, M.; Buchner, S.; Karastergiou, A.; Keith, M. J.; Parthasarathy, A.; Weltevrede, P.; Bailes, M.; Barr, E. D.; Camilo, F. and 8 coauthors

"The thousand-pulsar-array programme on MeerKAT IV: Polarization properties of young, energetic pulsars".

MNRAS,

505, 4483–4495

Published

(2021). <https://doi.org/10.1093/mnras/staa2811>

(O)

137 Gajjar, V.; Perez, K. I.; Siemion, A. P. V.; Foster, G.; Brzichy, B.; Chatterjee, S.; Chen, Y.; Cordes, J. M.; Croft, S.; Czech, D.; and 16 coauthors

"The Breakthrough Listen Search For Intelligent Life Near the Galactic Center. I."

AJ,

162, 33

Published

(2021). <https://doi.org/10.3847/1538-3881/abfd36>

(P)

138 Shastri, P.

"The circum-nuclear environment and jets of active galaxies at $z \sim 0$: Recent results from a multi-frequency investigation".

Proceedings of the International Astronomical Union S356: Nuclear Activity in Galaxies Across Cosmic Time, Addis Ababa, Ethiopia,

356, 373-373

Published

(2021).

(C)

139 Pennock, C. M.; van Loon, J. T.; Bell, C. P. M.; Filipović, M. D.; Joseph, T. D.; Vardoulaki, E.

"Discovering exotic AGN behind the Magellanic Clouds".

Proceedings of the International Astronomical Union S356: Nuclear Activity in Galaxies Across Cosmic Time, Addis Ababa, Ethiopia,

356, 373-373

Published

(2021).

(C, A)

140 *Janssen, Michael ; Falcke, Heino ; Kadler, Matthias ; Ros, Eduardo ; Wielgus, Maciek ; Akiyama, Kazunori ; Baloković, Mislav ; Blackburn, Lindy ; Bouman, Katherine L.; Chael, Andrew ; and 229 coauthors

"Event Horizon Telescope observations of the jet launching and collimation in Centaurus A".

Nat. Astron.,

5, 1017-1028

Published

(2021). <https://doi.org/10.1038/s41550-021-01417-w>

(O)

- 141 *Macfarlane, C.; Best, P. N.; Sabater, J.; Jarvis, M. J.; Röttgering, H. J. A.; Baldi, R. D.; Rivera, G. C.; Duncan, K. J. Morabito, L. K.; Prandoni, I.; and 1 coauthor
 "The radio loudness of SDSS quasars from the LOFAR Two-metre Sky Survey: ubiquitous jet activity and constraints on star formation".
 MNRAS,
 506, 5888-5907 Published
 (2021). <https://doi.org/10.1093/mnras/stab1998> (O)
-
- 142 *Dutcher, D.; Balkenhol, L.; Ade, P. A. R.; Ahmed, Z.; Anderes, E.; Anderson, A. J.; Archipley, M.; Avva, J. S.; Aylor, K.; Barry, P. S.; and 110 coauthors
 "Measurements of the *E*-mode polarization and temperature-*E*-mode correlation of the CMB from SPT-3G 2018 data".
 Phys. Rev. D,
 104, 022003 Published
 (2021). <https://doi.org/10.1103/PhysRevD.104.022003> (O)
-
- 143 *Said, N. M. M.; Ellingsen, S. P.; Liu, J.; McCallum, J. N.; Bignall, H. E.; Shabala, S.; Reynolds, C.
 "Changing modality behaviour in the radio light curve of blazar PKS B1144 - 379".
 MNRAS,
 506, 288-297 Published
 (2021). <https://doi.org/10.1093/mnras/stab1651> (O)
-
- 144 *Garsden, H.; Greenhill, L.; Bernardi, G.; Fialkov, A.; Price, D. C.; Mitchell, D.; Dowell, J.; Spinelli, M.; Schinzel, F. K.
 "A 21-cm power spectrum at 48 MHz, using the Owens Valley Long Wavelength Array".
 MNRAS,
 506, 5802-5817 Published
 (2021). <https://doi.org/10.1093/mnras/stab1671> (O)
-
- 145 Shang, L. H.; Xu, X.; Dang, S. J.; Zhi, Q. J.; Bai, J. T.; Zhu, R. H.; Lin, Q. W.; Yang, H.
 "A Simulation of Radius-frequency Mapping for PSR J1848-0123 with an Inverse Compton Scattering Model".
 ApJ,
 916, 62 Published
 (2021). <https://doi.org/10.3847/1538-4357/ac079e> (P)

146 *Norris, R. P.; Norris, B. R. M.;

"Why Are There Seven Sisters?"

Advancing Cultural Astronomy; Studies In Honour of Clive Ruggles,

223-235

Published

(2021). ISBN: 978-3-030-64606-6

(O)

147 Russell, T.; Del Santo, M.; DAi, A.; Ambrosi, E.; Segreto, A.; Marino, A.; Bahramian, A.

"ATCA radio detection of the new X-ray transient Swift J1729.5-3223".

The Astronomer's Telegram,

#14815,

Published

(2021). (C)

148 *Gupta, K. K.; Ricci, C.; Tortosa, A.; Ueda, Y.; Kawamuro, T.; Koss, M.; Trakhtenbrot, B.; Oh, K.; Bauer, F. E.; Ricci, F.; and 13 coauthors

"BAT AGN Spectroscopic Survey XXVII: scattered X-Ray radiation in obscured active galactic nuclei".

MNRAS,

504, 428-443

Published

(2021). <https://doi.org/10.1093/mnras/stab839>

(O)

149 *Dykes, T.; Gheller, C.; Koribalski, B. S.; Dolag, K.; Krookos, M.

"A new view of observed galaxies through 3D modelling and visualisation".

Astron. Comput.,

34, 100448

Published

(2021). <https://doi.org/10.1016/j.ascom.2021.100448>

(O)

150 *Imanishi, M.; Hagiwara, Y.; Horiuchi, S.; Izumi, T.; Nakanishi, K

"ALMA detection of millimetre 183 GHz H₂O maser emission in the Superantennae galaxy at z ~ 0.06'.

MNRAS,

502, L79-L84

Published

(2021). <https://doi.org/10.1093/mnrasl/slab006>

(O)

151 Coti Zelati, F.; de Ugarte Postigo, A.; Russell, T. D.; Borghese, A.; Rea, N.; Esposito, P. Israel, G. L.; Campana, S.

"Multi-band observations of Swift J0840.7-3516: A new transient ultra-compact X-ray binary candidate".

A&A,

650, A69

Published

(2021). <https://doi.org/10.1051/0004-6361/202140573>

(C)

152 *Reardon, D. J.; Shannon, R. M.; Cameron, A. D.; Goncharov, B.; Hobbs, G. B.; Middleton, H.; Shamohammadi, M.; Thyagarajan, N.; Bailes, M.; Bhat, N. D. R.; and 7 coauthors

"The Parkes pulsar timing array second data release: timing analysis".

MNRAS,

507, 2137-2153

Published

(2021). <https://doi.org/10.1093/mnras/stab1990>

(P)

153 *Murugesan, C.; Kilborn, V. A.; For, B. -Q.; Wong, O. I.; Wang, J.; Westmeier, T.; Stevens, A. R. H.; Spekkens, K.; Kamphuis, P.; Staveley-Smith, L.; and 10 coauthors

"WALLABY Pre-Pilot Survey: The effects of angular momentum and environment on the H I gas and star formation properties of galaxies in the Eridanus supergroup".

MNRAS,

507, 2949-2967

Published

(2021). <https://doi.org/10.1093/mnras/stab2314>

(A)

154 *Yang, M.; Dai, S.; Li, D.; Tsai, C. -W.; Zhu, W. -W.; Zhang, J.

"Revisiting pulsar velocities using Gaia Data Release 2".

Res. Astron. Astrophys,

21, 141

Published

(2021). <https://doi.org/10.1088/1674-4527/21/6/141>

(O)

155 *Wong O. I.; Stevens, A. R. H.; For, B. -Q.; Westmeier, T.; Dixon, M.; Oh. S. -H.; Józsa, G. I. G.; Reynolds, T. N.; Lee-Waddell, K.; Román, J.; and 27 coauthors

"WALLABY pre-pilot survey: Two dark clouds in the vicinity of NGC 1395".

MNRAS,

507, 2905-2921

Published

(2021). <https://doi.org/10.1093/mnras/stab2262>

(A)

156 *Johnston, S.; Lower, M. E.

"A supernova remnant association for the fast-moving pulsar PSR J0908-4913".

MNRAS,

507, L41-L45

Published

(2021). <https://doi.org/10.1093/mnrasl/slab092>

(P)

157 *Dai, S.; Lu, J.; Wang, C.; Wang, W.; Xu, R.; Yang, Y.; Zhang, S.; Hobbs, G.; Li, D.; Luo, R.; and 2 coauthors

"On the Circular Polarisation of Repeating Fast Radio Bursts".

ApJ,

920, 46

Published

(2021). <https://doi.org/10.3847/1538-4357/ac193d>

(O)

158 Das, M.; Yadav, J.; Patra, N.; Dwarakanath, K. S.; McGaugh, S. S.; Schombert, J.; Rahna, P. T.; Murthy, J.

"A comparison of the UV and HI properties of the extended UV (XUV) disk galaxies NGC 2541, NGC 5832 and ESO406-042".

J. Ap&A,

42, 85

Published

(2021). <https://doi.org/10.1007/s12036-021-09749-9>

(P)

159 *Aboutanios, E.; Nosrati, H.; Wang, X.

"Online Antenna Selection for Enhanced DOA Estimation". In:

ICASSP-2021, Online, 6-11 June 2021,

Published

(2021). <https://doi.org/10.1109/ICASSP39728.2021.9414591>

(O)

160 Xu, X.; Shang, L. H.; Zhi, Q. J.; Qiao, G. J.; Dang, S. J.; Bai, J. T.; Zhao, R. S.; Lu, J. G.; Dong, A. J.; Lin, Q. W.; and 2 coauthors

"A Systematic Study of the Frequency Evolution Behavior of Pulsar Pulse Profiles".

ApJ,

917, 108

Published

(2021). <https://doi.org/10.3847/1538-4357/ac0b40>

(P)

161 *Balser, D. S.; Wenger, T. V.; Anderson, L. D.; Armentrout, W. P.; Bania, T. M.; Dawson, J. R.; Dickey, J. M.

"Discovery of a New Population of Galactic HII Regions with Ionized Gas Velocity Gradients".

ApJ,

921, 176

Published

(2021). <https://doi.org/10.3847/1538-4357/ac1db3>

(C)

162 *Murphy, T.; Kaplan, D.; Stewart, A. J.; O'Brien, A.; Lenc, E.; Pintaldi, S.; Pritchard, J.; Dobie, D.; Fox, A.; Leung, J. K.; and 45 coauthors

"The ASKAP Variables and Slow Transients (VAST) Pilot Survey".

PASA,

38, e054

Published

(2021). <https://doi.org/10.1017/pasa.2021.44>

(A)

163 *Lorimer, D. R.; Kawash, A. M.; Freire, P. C. C.; Smith, D. A.; Kerr, M.; McLaughlin, M. A.; Mickaliger, M. B.; Spiewak, R.; Bailes, M.; Barr, E. and 9 co-authors

"Timing observations of three Galactic millisecond pulsars".

MNRAS,

507, 5303-5309

Published

(2021). <https://doi.org/10.1093/mnras/stab2474>

(P)

164 *Chittidi, J. S.; Simha, S.; Mannings, A.; Prochaska, X.; Rafelski, M.; Neeleman, M.; Macquart, J. -P.; Tejos, N.; Jorgenson, R. A.; Ryder S. D.; and 8 coauthors

"Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy".

ApJ,

922, 173

Published

(2021). <https://doi.org/10.3847/1538-4357/ac2818>

(O)

165 *Zapata Trujillo, J. C.; Syme, A. -M.; Rowell, K. N.; Burns, B. P.; Clark, E. S.; Gorman, M. N.; Jacob, L. S. D.; Kapodistrias, P.; Kedziora, D. J.; Lempriere, F. A. R; and 9 coauthors

"Computational Infrared Spectroscopy of 956 Phosphorus-bearing Molecules".

Front. Astron. Space Sci.,

8 43

Published

(2021). <https://doi.org/10.3389/fspas.2021.639068>

(O)

166 Tan, Z.; Zhang, S.; Dai, S.; Li, Y.; Wu, X.

"Searching for radio pulsation from SGR 1935+2154 with the Parkes Ultra-Wideband Low receiver".

???

Submitted

(2021). (P)

167 *Saponara, J.; Kamphius, P.; Koribalski, B. S.; Benaglia, P.

"Fourcade-Figueroa galaxy: A clearly disrupted superthin edge-on galaxy".

A&A,

652, A108

Published

(2021). [\(C\)](https://doi.org/10.1051/0004-6361/202140797)

168 *Regis, M.; Reynoso-Cordova, J.; Filipović, M. D.; Brüggen, M.; Carretti, E.; Collier, J.; Hopkins, A. M.; Lenc, E.; Maio, U.; Marvil, J. R.; and 2 coauthors

"The EMU view of the Large Magellanic Cloud: Troubles for sub-TeV WIMPs".

JCAP,

12, 46

Published

(2021). [\(A\)](https://doi.org/10.1088/1475-7516/2021/11/046)

169 *Delhaize, J.; Heywood, I.; Prescott, M.; Jarvis, M. J.; Delvecchio, I.; Whittam, I. H.; White, S. V.; Hardcastle, M. J.; Hale, C. L.; Afonso, J.; and 24 coauthors

"MIGHTEE: are giant radio galaxies more common than we thought?".

MNRAS,

501, 3833-3845

Published

(2021). [\(O\)](https://doi.org/10.1093/mnras/staa3837)

170 *Hale, C. L.; McConnell, D.; Thomson, A. J. M.; Lenc, E.; Heald, G. H.; Hotan, A. W.; Leung, J. K.; Moss, V. A.; Murphy, T.; Pritchard, J.; and 3 coauthors

"The Rapid ASKAP Continuum Survey Paper II: First Stokes I Source Catalogue Data Release".

PASA,

38, e058

Published

(2021). [\(A\)](https://doi.org/10.1017/pasa.2021.47)

171 *Fong, W. -f.; Dong, Y.; Leja, J.; Bhandari, S.; Day, C. K.; Deller, A. T.; Kumar, P.; Prochaska, J. X.; Scott, D. R.; Bannister, K. W.; and 10 coauthors

"Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A".

ApJ,

919, L23

Published

(2021). <https://doi.org/10.3847/2041-8213/ac242b>

(A)

172 *Trott, C. M.; Jordan, C. H.; Line, J. L. B; Lynch, C. R.; Yoshiura, S.; McKinley, B.; Dayal, P.; Pindor, B.; Hutter, A.; Takahashi, K.; and 22 coauthors

"Constraining the 21 cm brightness temperature of the IGM at $z = 6.6$ around LAEs with the murchison widefield array".

MNRAS,

507, 772-780

Published

(2021). <https://doi.org/10.1093/mnras/stab2235>

(O)

173 *Goncharov, B.; Shannon, R. M.; Reardon, D. J.; Hobbs, G.; Zic, A.; Bailes, M.; Curylo, M.; Dai, S.; Kerr, M.; Lower, M. E.; and 19 coauthors

"On the Evidence for a Common-spectrum Process in the Search for the Nanohertz Gravitational-wave Background with the Parkes Pulsar Timing Array".

ApJ,

917, L19

Published

(2021). <https://doi.org/10.3847/2041-8213/ac17f4>

(P)

174 *Jin, S.; Dannerbauer, H.; Emonts, B.; Serra, P.; Lagos, C. D. P.; Thomson, A. P.; Bassini, L.; Lehnert, M.; Allison, J. R.; Champagne, J. E and 18 coauthors

"COALAS. I. ATCA CO(1-0) survey and luminosity function in the Spiderweb protocluster at $z = 2.16$ ".

A&A,

652 A11

Published

(2021). <https://doi.org/10.1051/0004-6361/202040232>

(C)

175 *Yang, X.; Zhang, S. -B.; Wang, J. -S.; Hobbs, G.; Sun, T. -R.; Manchester, R. N.; Geng, J. -J.; Russell, C. J.; Luo, R.; Tang, Z. -F.; and 7 coauthors

"81 New candidate fast radio bursts in Parkes archive".

MNRAS,

507, 3238-3245

Published

(2021). <https://doi.org/10.1093/mnras/stab2275>

(P)

176 Liu, H. -Y.; Zhou, S. -Q.; Zhang, Y. -Q.; Feng, Z. -W.; Zhou, X.

"30 glitches in 18 radio pulsars".

RAA,

21, 154

Published

(2021). <http://iopscience.iop.org/raa>

(P)

177 *Tremblay, C. D.; Bourke, T. L.; Green, J. A.; Dickey, J.; Wong, I. O.; Galvin, T. J.

"Identification of HII regions at low-frequencies with ASKAP and MWA". PAPER HAS BEEN REVISED NOW ATP 6480 "A Low Frequency Pilot Survey of Southern HII Regions in the Vela Constellation".

MNRAS,

Withdrawn

(2021). (A)

178 *Filipović, M. D.; Bojičić, I. S.; Grieve, K. R.; Norris, R. P.; Tothill, N. F. H.; Shobhana, D.; Rudnick, L.; Prandoni, I.; Andernach, H.; Hurley-Walker, N.; and 31 coauthors

"Radio continuum sources behind the Large Magellanic Cloud".

MNRAS,

507, 2885-2904

Published

(2021). <https://doi.org/10.1093/mnras/stab2249>

(A, C)

179 *Cruces, M.; Champion, D. J.; Li, D.; Kramer, M.; Zhu, W. W.; Wang, P.; Cameron, A. D.; Chen, Y. T.; Hobbs, G.; Freire, P. C. C.; and 10 coauthors

"FAST early pulsar discoveries: Effelsberg follow-up".

MNRAS,

508, 300-314

Published

(2021). <https://doi.org/10.1093/mnras/stab2540>

(O)

180 Norfolk, B. J.; Maddison, S. T.; Marshall, J. P.; Kennedy, G. M.; Duchêne, G.; Wilner, D. J.; Pinte, C.; Moór, A.; Matthews, B.; Ábrahám P.; and 2 coauthors

"Four new planetesimals around typical and pre-main-sequence stars (PLATYPUS) debris discs at 8.8 mm".

MNRAS,

507, 3139-3147

Published

(2021). <https://doi.org/10.1093/mnras/stab1901>

(C)

181 Jiménez-Hernández, P.; Arthur, S. J.; Toalá, J. A.; Marston, A. P.

"Dust in RCW 58: Clues to common envelope channel formation?".

MNRAS,

507, 3030-3045

Published

(2021). <https://doi.org/10.1093/mnras/stab2332>

(C)

182 *Agar, C. H.; Weltevrede, P.; Bondonneau, L.; Grießmeier, J. -M.; Hessels, J. W. T.; Huang, W. J.; Karastergiou, A.; Keith, M. J.; Kondratiev, V. I.; Künsemöller, J.; and 10 coauthors

"A broad-band radio study of PSR J0250+5854: the slowest-spinning radio pulsar known".

MNRAS,

508, 1102-1114

Published

(2021). <https://doi.org/10.1093/mnras/stab2496>

(O)

183 *Franzen, T. M. O.; Seymour, N.; Sadler, E. M.; Mauch, T.; White, S. V.; Jackson, C. A.; Chhetri, R.; Quici, B.; Bell, M. E.; Callingham, J. R.; and 17 coauthors

"The GLEAM 200-MHz local radio luminosity function for AGN and star-forming galaxies".

PASA,

38, e041

Published

(2021). <https://doi.org/10.1017/pasa.2021.36>

(O)

184 *Norris, R. P.; Marvil, J.; Collier, J. D.; Kapińska, A. D.; O'Brien, A. N.; Rudnick, L.; Andernach, H.; Asorey, J.; Brown, M. J. I.; Brüggen, M.; and 38 coauthors

"The Evolutionary Map of the Universe pilot survey".

PASA,

38, e046

Published

(2021). <https://doi.org/10.1017/pasa.2021.42>

(A)

185 *For, B. -Q.; Wang, J.; Westmeier, T.; Wong, O. I.; Murugesan, C.; Staveley-Smith, L.; Courtois, H. M.; Pomarède, D.; Spekkens, K.; Catinella, B.; and 12 coauthors

"WALLABY pre-pilot survey: H I content of the Eridanus supergroup".

MNRAS,

507, 2300-2317

Published

(2021). <https://doi.org/10.1093/mnras/stab2257>

(A)

- 186 *Mannings, A. G.; Fong, W. -f.; Simha, S.; Prochaska, J. X.; Rafelski, M.; Kilpatrick, C. D.; Tejos, N.; Heintz, K. E.; Bannister, K. W.; Bhandari, S.; and 5 coauthors
"A High-resolution View of Fast Radio Burst Host Environments".
ApJ,
917, 75 Published
(2021). [\(O\)](https://doi.org/10.3847/1538-4357/abff56)
-
- 187 Chauhan, J.; Miller-Jones, J. C. A; Anderson, G. E.; Paduaño, A.; Sokolowski, M.; Flynn, C.; Hancock, P. J.; Hurley-Walker, N.; Kaplan, D. L.; Russell, T. D.; and 12 coauthors,
"A broadband radio view of transient jet ejecta in the black hole candidate X-ray binary MAXI J1535-571".
PASA,
38, e045 Published
(2021). [\(A, C\)](https://doi.org/10.1017/pasa.2021.38)
-
- 188 Duchesne, S. W.; Johnston-Hollitt, M.; Bartalucci, I.
"Low-frequency integrated radio spectra of diffuse, steep-spectrum sources in galaxy clusters: palaeontology with the MWA and ASKAP".
PASA,
38, e053 Published
(2021). [\(A\)](https://doi.org/10.1017/pasa.2021.45)
-
- 189 Yamane, Y.; Sano, H.; Filipović, M. D.; Tokuda, K.; Fujii, K.; Babazaki, Y.; Mitsuishi, I.; Inoue, T.; Aharonian, F.; Inaba, T.; and 10 coauthors
"Associated Molecular and Atomic Clouds with X-Ray Shell of Superbubble 30 Doradus C in the LMC".
ApJ,
918, 36 Published
(2021). [\(C\)](https://doi.org/10.3847/1538-4357/ac0adb)
-
- 190 Combes, F.
"Science with SKA". In:
SF2Z2021, online, 7-11 June,
197-202 Published
(2021). (A)

191 *Petzler, A.; Dawson, J. R.; Wardle, M.

"AMOEBA: Automated Molecular Excitation Bayesian Line-Fitting Algorithm".

ApJ,

923, 261

Published

(2021). <https://doi.org/10.3847/1538-4357/ac2f42>

(O)

192 *Ni, Q.; Brandt, W. N.; Chen, C. -T.; Luo, B.; Nyland, K.; Yang, G.; Zou, F.; Aird, J.; Alexander, D. M.; Bauer, F. E.; and 23 coauthors

"The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields".

ApJS,

256, 21

Published

(2021). <https://doi.org/10.3847/1538-4365/ac0dc6>

(O)

193 *Lower, M. E.; Johnston, S.; Dunn, L.; Shannon, R. M.; Bailes, M.; Dai, S.; Kerr, M.; Manchester, R. N.; Melatos, A.; Oswald, L. S.; and 3 coauthors

"The impact of glitches on young pulsar rotational evolution".

MNRAS,

508, 3251-3274

Published

(2021). <https://doi.org/10.1093/mnras/stab2678>

(P)

194 *Said, N. M. M.; Ellingsen, S. P.; Shabala, S.; Orosz, G.; Liu, J.; Bignall, H. E.; McCallum, J. N.; Reynolds, C.

"Investigating the evolution of PKS B1144-379: Comparison of VLBI and scintillation techniques".

MNRAS,

508, 2881-2896

Published

(2021). <https://doi.org/10.1093/mnras/stab2724>

(O)

195 Faisalur Rahman, S.

"Autocorrelation Functions, Cosmology and Investigating The CMB Cold Spot With EMU-ASKAP Radio Continuum Survey". In:

ICAPE-NEDUET 2021 Conference proceedings, Karachi, Pakistan, 16-17 September 2021,

Submitted

(2021).

(A)

- 196 *Ponomareva, A. A.; Mulaudzi, W.; Maddox, N.; Frank, B. S.; Jarvis, M. J.; Di Teodoro, E. M.; Gowacki, M.; Kraan-Korteweg, R. C.; Oosterloo, T. A.; and 11 coauthors
 "MIGHTEE-HI: The baryonic Tully-Fisher relation over the last billion years".
 MNRAS,
 508, 1195-1205 Published
 (2021). [\(O\)](https://doi.org/10.1093/mnras/stab2654)
-
- 197 *Punsly, B.; Frey, S.; Reynolds, C.; Marziani, P.; Pushkarev, A.; Chen, S.; Li, S.; Kharb, P.
 "The Highly Self-absorbed Blazar PKS 1351-018".
 ApJ,
 919, 40 Published
 (2021). [\(C\)](https://doi.org/10.3847/1538-4357/ac1070)
-
- 198 *Núñez, C.; Tejos, N.; Pignata, G.; Kilpatrick, C. D.; Prochaska, J. X.; Heintz, K. E.; Bannister, K. W.; Bhandari, S.; Day, C. K.; Deller, A. T.; and 7 coauthors
 "Constraining bright optical counterparts of fast radio bursts".
 A&A,
 653, A119 Published
 (2021). [\(O\)](https://doi.org/10.1051/0004-6361/202141110)
-
- 199 Coti Zelati, F.; Hugo, B.; Torres, D. F.; de Martino, D.; Papitto, A.; Buckley, D. A. H.; Russell, T. D.; Campana, S.; Rooyen, R. V.; Bozzo, E.; and 8 coauthors
 "Simultaneous X-ray and radio observations of the transitional millisecond pulsar candidate CXOU J110926.4-650224. The discovery of a variable radio counterpart".
 A&A,
 655, A52 Published
 (2021). [\(C\)](https://doi.org/10.1051/0004-6361/202141431)
-
- 200 *Day, C. K.; Deller, A. T.; James, C. W.; Lenc, E.; Bhandari, S.; Shannon, R. M.; Bannister, K. W.
 "Astrometric accuracy of snapshot fast radio burst localisations with ASKAP".
 PASA,
 38, e050 Published
 (2021). [\(A\)](https://doi.org/10.1017/pasa.2021.40)

- 201 *Drouart, G.; Seymour, N.; Broderick, J. W.; Afonso, J.; Chhetri, R.; De Breuck, C.; Emonts, B.; Galvin, T. J.; Lehnert, M. D.; Morgan, J. and 3 coauthors
"The nature and likely redshift of GLEAM J0917-0012".

PASA,
38, e049 Published
(2021). [\(O\)](https://doi.org/10.1017/pasa.2021.35)
-
- 202 Cohn, H. N.; Lugger, Phyllis, M.; Zhao, Y.; Tudor, V.; Heinke, C. O.; Cool, A. M.; Anderson, J.; Strader, J.; Miller-Jones, J. C. A.
"A deep search for faint Chandra X-ray sources, radio sources, and optical counterparts in NGC 6752".

MNRAS,
508, 2823-2847 Published
(2021). [\(C\)](https://doi.org/10.1093/mnras/stab2636)
-
- 203 Alsaberi, R. Z. E.; Ryder, S. D.; Marnoch, L.; Kundu, E.; Filipovic, M. D.; Anderson, G. Stockdale, C.; Maeda, K.; Renaud, M.; Kotak, R.
"Radio Detection of SN 2021yja".

The Astronomer's Telegram,
#14942, Published
(2021). (C)
-
- 204 *Allison, J. R.; Sadler, E. M.; Mahony, E. K.; Moss, V. A.; Hyein, Y.
"The gaseous natal environments of GPS and CSS sources with ASKAP–FLASH". In:

Proceedings of The 6th Workshop on CSS and GPS Radio Sources, Torun, Poland, 10-14 May 2021,
342, 1062-1065 Published
(2021). [\(A\)](https://doi.org/10.1002/asna.20210040)
-
- 205 *Xue, X.; Bian, L.; Shu, J.; Yuan, Q.; Zhu, X.; Bhat, N. D. R.; Dai, S.; Feng, Y.; Goncharov, B.; Hobbs, G.; and 8 coauthors
"Constraining cosmological phase transitions with the Parkes Pulsar Timing Array".

PRL,
127, 251303 Published
(2021). [\(P\)](https://doi.org/10.1103/PhysRevLett.127.251303)

206 *Rahimi, M.; Pindor, B.; Line, J. L. B.; Barry, N.; Trott, C. M.; Webster, R. L.; Jordan, C. H.; Wilensky, M.; Yoshiura, S.; Beardsley, A.; and 21 coauthors

"Epoch of Reionization Power Spectrum Limits from Murchison Widefield Array Data Targeted at EoR1 Field".

MNRAS,

508, 5954-5971

Published

(2021). <https://doi.org/10.1093/mnras/stab2918>

(O)

207 *Hagiwara, Y.; Horiuchi, S.; Edwards, P. G.

"Variable Water Maser Emission from the CMZ of the Circinus Galaxy and NGC 4945". In:

New Horizons in Galactic Center Astronomy and Beyond, ASP Conference Series Proceedings of Workshop, Yokohama, Japan, 21-24

528, 131

Published

(2021). (T)

208 *Posselt, B.; Karastergiou, A.; Johnston, S.; Parthasarathy, A.; Keith, M. J.; Oswald, L. S.; Song, X.; Weltevrede, P. Barr, E. D.; Buchner, S. and 7 others

"The Thousand-Pulsar-Array programme on MeerKAT - VI. Pulse widths of a large and diverse sample of radio pulsars".

MNRAS,

508, 4249-4268

Published

(2021). <https://doi.org/10.1093/mnras/stab2775>

(O)

209 Cheng, Z.; Sun, X.; Wang, W.; Li, Z.

"Discovery of galaxy clusters and a head-tail radio galaxy in the direction of globular cluster NGC 6752".

MNRAS,

507, 5415-5424

Published

(2021). <https://doi.org/10.1093/mnras/stab2455>

(C)

210 *Biava, N.; de Gasperin, F.; Bonafede, A.; Edler, H. W.; Giacintucci, S.; Mazzotta, P.; Brunetti, G.; Botteon, A.; Brüggen, M.; Cassano, R. and 10 coauthors

"The ultra-steep diffuse radio emission observed in the cool-core cluster RX J1720.1+2638 with LOFAR at 54 MHz".

MNRAS,

508, 3995-4007

Published

(2021). <https://doi.org/10.1093/mnras/stab2840>

(O)

211 *Balkenhol, L.; Dutcher, D.; Ade, P. A. R.; Ahmed, Z.; Anderes, E.; Anderson, A. J.; Archipley, M.; Avva, J. S.; Aylor, K.; Barry, P. S.; and 109 coauthors

"Constraints on Λ CDM extensions from the SPT-3G 2018 E E and T E power spectra".

Phys. Rev. D,

104, 083509

Published

(2021). <https://doi.org/10.1103/PhysRevD.104.083509>

(O)

212 *Bruni, G.; Gómez, J. L.; Vega-García, L.; Lobanov, A. P.; Fuentes, A.; Savolainen, T.; Kovalev, Y. Y.; Perucho, M.; Martí, J. -M.; Anderson, J. M.; and 6 coauthors

"RadioAstron reveals a spine-sheath jet structure in 3C 273".

A&A,

654, A27

Published

(2021). <https://doi.org/10.1051/0004-6361/202039423>

(V)

213 *Hare, J.; Volkov, I.; Pavlov, G. G.; Kargaltsev, O.; Johnston, S.

"Precise timing and phase-resolved spectroscopy of the young pulsar J1617-5055 with NuSTAR".

ApJ,

923, 249

Published

(2021). <https://doi.org/10.3847/1538-4357/ac30e2>

(P)

214 *Norris, R. P.; Crawford, E.; Macgregor, P.

"Odd Radio Circles and Their Environment". In:

RGCW Meeting 2021 conference proceeding, online, 8-11 March 2021,

9, 83

Published

(2021). <https://doi.org/10.3390/galaxies9040083>

(A)

215 *Rajpurohit, K.; Vazza, F.; van Weeren, R. J.; Hoeft, M.; Brienz, M.; Bonnassieux, E.; Riseley, C. J.; Brunetti, G.; Bonafede, A.; Brüggen, M. and 7 coauthors

"Dissecting nonthermal emission in the complex multiple-merger galaxy cluster Abell 2744: Radio and X-ray analysis".

A&A,

654, A41

Published

(2021). <https://doi.org/10.1051/0004-6361/202141060>

(O)

216 van den Eijnden, J.; Degenaar, N.; Russell, T. D.; Wijnands, R.; Bahramian, A.; Miller-Jones, J. C. A.; Hernández Santisteban, J. V.; Gallo, E.; Atri, P.; and 10 coauthors

"A new radio census of neutron star X-ray binaries".

MNRAS,

507, 3899-3922

Published

(2021). <https://doi.org/10.1093/mnras/stab1995>

(C)

217 *Paré, D. M.; Purcell, C. R.; Lang, C. C.; Morris, M. R.; Green, J. A.

"Analyzing the Intrinsic Magnetic Field in the Galactic Center Radio Arc".

ApJ,

923, 82

Published

(2021). <https://doi.org/10.3847/1538-4357/ac2cc4>

(C)

218 *Pastor-Marazuela, I.; Connor, L.; van Leeuwen, J.; Maan, Y.; ter Veen, S.; Bilous, A.; Oostrum, L.; Petroff, E.; Straal, S.; Vohl, D. and 27 coauthors

"Chromatic periodic activity down to 120 megahertz in a fast radio burst".

Nature,

596, 505-508

Published

(2021). <https://doi.org/10.1038/s41586-021-03724-8>

(O)

219 *Smith, S.; Price, D. C.; Sheikh, S. Z.; Czech, D. J.; Croft, S.; DeBoer, D.; Gajjar, V.; Isaacson, H.; Lacki, B. C.; Lebofsky, M. and 7 coauthors

"A radio technosignature search towards Proxima Centauri resulting in a signal of interest".

Nat. Astron.,

5 1148-1152

Published

(2021). <https://doi.org/10.1038/s41550-021-01479-w>

(P)

220 *Sheikh, S. Z.; Smith, S.; Price, D. C.; DeBoer, D.; Lacki, B. C.; Czech, D. J.; Croft, S.; Gajjar, V.; Isaacson, H.; Lebofsky, M.; and 8 coauthors

"Analysis of the Breakthrough Listen signal of interest blc1 with a technosignature verification framework".

Nat. Astron.,

5 1153–1162

Published

(2021). <https://doi.org/10.1038/s41550-021-01479-w>

(P)

- 221 Russell, T. D.; Degenaar, N.; den Eijnden, J. van; Del Santo, M.; Segreto, A.; Altamirano, D.; Beri, A.; Diaz Trigo, M.; Miller-Jones, J. C. A.
 "The evolving radio jet from the neutron star X-ray binary 4U 1820-30".
 MNRAS,
 508, L6-L11
 Published
 (2021). [\(C\)](https://doi.org/10.1093/mnrasl/slab087)
-
- 222 Andernach, H.; Jiménez-Andrade, E. F.; Willis, A. G.
 "Discovery of 178 Giant Radio Galaxies in 1059 deg² of the Rapid ASKAP Continuum Survey at 888 MHz".
 Galaxies,
 9, 99
 Published
 (2021). [\(A\)](https://doi.org/10.3390/galaxies9040099)
-
- 223 *Simha, S.; Tejos, N.; Prochaska, J. X.; Lee, K. -G.; Ryder, S. D.; Cantalupo, S.; Bannister, K. W.; Bhandari, S.; Shannon, R. M.
 "Estimating the Contribution of Foreground Halos to the FRB 180924 Dispersion Measure".
 ApJ,
 921, 134
 Published
 (2021). [\(O\)](https://doi.org/10.3847/1538-4357/ac2000)
-
- 224 *Chomiuk, L.; Linford, J. D.; Aydi, E.; Bannister, K. W.; Krauss, M. I.; Mioduszewski, A. J.; Mukai, K.; Nelson, T. J.; Rupen, M. P.; Ryder, S. D.; and 13 coauthors
 "Classical Novae at Radio Wavelengths".
 ApJS,
 257, 49
 Published
 (2021). [\(C\)](https://doi.org/10.3847/1538-4365/ac24ab)
-
- 225 *Wang, S. Q.; Wang, J. B.; Wang, N.; Yao, J. M.; Hobbs, G.; Dai, S. ; Kou, F. F.; Miao, C. C.; Li, D.; Feng, Y.; and 8 coauthors
 "Unusual Emission Variations Near the Eclipse of Black Widow Pulsar PSR J1720-0533".
 ApJ,
 922, L13
 Published
 (2021). [\(O\)](https://doi.org/10.3847/2041-8213/ac365c)

226 Dobie, D.; Kaplan, D. L.; Sivakoff, G. R.; Wang, Z.; Stewart, A.; O'Brien, A.

"Archival ASKAP observations of the candidate counterpart to IceCube-211116A".

The Astronomer's Telegram,

#15049,

Published

(2021). (A)

227 *Alonso, D.; Bellini, E.; Hale, C.; Jarvis, M. J.; Schwarz, D. J

"Cross-correlating radio continuum surveys and CMB lensing: constraining redshift distributions, galaxy bias, and cosmology".

MNRAS,

502, 876-887

Published

(2021). <https://doi.org/10.1093/mnras/stab046> (O)

228 *Wang, Z.; Kaplan, D. L.; Murphy, T.; Lenc, E.; Dai, S.; Barr, E.; Dobie, D; Gaensler, B. M.; Heald, G.; Leung, J. K. and 11 coauthors

"Discovery of ASKAP J173608.2-321635 as a Highly Polarized Transient Point Source with the Australian SKA Pathfinder".

ApJ,

920, 45

Published

(2021). <https://doi.org/10.3847/1538-4357/ac2360> (A)

229 *Savolainen, T.; Giovannini, G.; Kovalev, Y. Y.; Perucho, M.; Anderson, J. M.; Bruni, G.; Edwards, P. G.; Fuentes, A.; Giroletti, M.; Gómez, J. L. and 12 coauthors

"RadioAstron discovers a mini-cocoon around the restarted parsec-scale jet in 3C 84".

A&A,

Submitted

(2021). (O)

230 *Hagiwara, Y.; Horiuchi, S.; Imanishi, M.; Edwards, P. G.

"Second-epoch ALMA Observations of 321 GHz Water Maser Emission in NGC 4945 and the Circinus Galaxy".

ApJ,

923, 251

Published

(2021). <https://doi.org/10.3847/1538-4357/ac3089> (O)

231 Popov, M. V.; Smirnova, T. V.

"The Spectrum Power of Interstellar Plasma Inhomogeneities in the Direction of Eleven Radio Pulsars".

Astron. Rep.,

65, 1129-1135

Published

(2021). <https://doi.org/10.1134/S1063772921120052>

(O)

232 Johnson, M. D.; Kovalev, Y. Y.; Lisakov, M. M.; Voitsik, P. A.; Gwinn, C. R.; Bruni, G.

"First Space-VLBI Observations of Sagittarius A*".

ApJ,

922, L28

Published

(2021). <https://doi.org/10.3847/2041-8213/ac3917>

(V)

233 Ridolfi, A.; Gautam, T.; Freire, P. C. C.; Ransom, S. M.; Buchner, S. J.; Possenti, A.; Venkatraman Krishnan, V.; Bailes, M.; Kramer, M.; Strappers, B. W. and 10 coauthors

"Eight new millisecond pulsars from the first MeerKAT globular cluster census".

MNRAS,

504, 1407-1426

Published

(2021). <https://doi.org/10.1093/mnras/stab790>

(P)

234 Sano, H.; Suzuki, H.; Nobukawa, K. K.; Filipović, M. D.; Fukui, Y.; Moriya, T. J.

"Discovery of a Wind-Blown Bubble Associated with the Supernova Remnant G346.6-0.2: A Hint for the Origin of Recombining Plasma".

ApJ,

923, 15

Published

(2021). <https://doi.org/10.3847/1538-4357/ac1c02>

(C, M)

235 *Makhathini, S.; Mooley, K. P.; Brightman, M.; Hotokezaka, K.; Nayana, A. J.; Intema, H. T.; Dobie, D.; Lenc, E.; Perley, D. A.; Fremling, C.; and 29 coauthors

"The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications".

ApJ,

922, 154

Published

(2021). <https://doi.org/10.3847/1538-4357/ac1ffc>

(C)

236 *Pasetto, A.; Carrasco-González, C.; Gómez, José L.; Martí, J. -M.; Perucho, M.; O'Sullivan, S. P.; Anderson, C.; Díaz-González, D. J.; Fuentes, A.; Wardle, J.

"Reading M87's DNA: A Double Helix Revealing a Large-scale Helical Magnetic Field".

ApJ,

923, L5

Published

(2021). <https://doi.org/10.3847/2041-8213/ac3a88>

(O)

237 Jung, S. L.; McClure-Griffiths, N. M.; Hill, A. S.;

"Distant probes of rotation measure structure: where is the Faraday rotation towards the Magellanic Leading Arm?".

MNRAS,

508, 3921-3935

Published

(2021). <https://doi.org/10.1093/mnras/stab2773>

(C)

238 *Kerrison, E. F.; Moss, V. A.; Sadler, E. M.; Allison, J. R.

"Tracing X-ray and HI absorption in peaked spectrum sources". In:

Proceedings of The 6th Workshop on CSS and GPS Radio Sources, Torun, Poland, 10-14 May 2021,

342, 1097-1101

Published

(2021). <https://doi.org/10.1002/asna.20210095>

(O)

239 Nicuesa Guelbenzu, A. M.; Klose, S.; Schady, P.; Belczynski, K.; Hartmann, D. H.; Hunt, L. K.; Michałowski, M. J.

"VLT/MUSE and ATCA Observations of the Host Galaxy of the Short GRB 080905A at z = 0.122".

ApJ,

923, 38

Published

(2021). <https://doi.org/10.3847/1538-4357/ac2faa>

(C)

240 *Gupta, N.; Reichardt, C. L.

"Mass Estimation of Galaxy Clusters with Deep Learning II. Cosmic Microwave Background Cluster Lensing".

ApJ,

923, 96

Published

(2021). <https://doi.org/10.3847/1538-4357/ac32d0>

(O)

241 Wang, Z.; Wen, Z. G.; Yuan, J. P.; Wang, N.; Chen, J. L.; Yan, W. M.; Yuen, R.; Duan, X. F.; Xiang, B. B.; He, D. L.

"Multifrequency Study of Periodic Nulling and Subpulse Drifting in Pulsar J2048-1616".

ApJ,

923, 259

Published

(2021). <https://doi.org/10.3847/1538-4357/ac32ba>

(P)

242 *Chen, Y.; Nosrati, H.; Aboutanios, E.

"Online DOA Estimation for Noninteger Linear Antenna Arrays in Coarray Domain". In:

2021 IEEE 31st International Workshop on Machine Learning for Signal Processing (MLSP), Gold Coast, Australia, 25-28 October

1-6

Published

(2021). <https://doi.org/10.1109/MLSP52302.2021.9596114>

(O)

243 *Collier, J. D.

"High-resolution observations of low-luminosity peaked spectrum sources".

Astron. Nachr.,

342, 1077-1081

Published

(2021). <https://doi.org/10.1002/asna.20210087>

(O)

244 *Koribalski, B.

"Open Astronomy and Big Data Science". In:

Proceedings IAU Symposium No. 367, virtual meeting, 8-12 December 2020,

367, 227-230

Published

(2021). <https://doi.org/10.1017/S1743921321000879>

(A, P, C)

245 *Kramer, M.; Stairs, I. H.; Manchester, R. N.; Wex, N.; Deller, A. T.; Coles, W. A.; Ali, M.; Burgay, M.; Camilo, F.; Cognard, I.; and 20 coauthors

"Strong-Field Gravity Tests with the Double Pulsar".

Phys. Rev. X,

11, 041050

Published

(2021). <https://doi.org/10.1103/PhysRevX.11.041050>

(P)

246 *Li, D.; Wang, P.; Zhu, W. W.; Zhang, B.; Zhang, X. X.; Duan, R.; Zhang, Y. K.; Feng, Y.; Tang, N. Y.; Chatterjee, S.; and 10 coauthors

"A bimodal burst energy distribution of a repeating fast radio burst source".

Nature,

598, 267-271

Published

(2021). <https://doi.org/10.1038/s41586-021-03878-5>

(O)

247 *Vaskevich, A.; Dahanayaka, T.; Jourjon, G.; Seneviratne, S.

"SMAUG: Streaming Media Augmentation Using CGANs as a Defence Against Video Fingerprinting"Sub-kilometre scale ionospheric studies at the SKA-Low site, using MWA extended baselines". In:

2021 IEEE 20th International Symposium on Network Computing and Applications (NCA), Virtual Conference, 23-26 November

1-10

Published

(2021). <https://doi.org/10.1109/NCA53618.2021.9685579>

(O)

248 *Lower, M. E.

"A phenomenological model for measuring generalised Faraday rotation".

PASA,

Submitted

(2021).

(O)

249 Orchiston, W.; George, M.; Wendt, H.; Wielebinski, R.

"The History of Early Low Frequency Radio Astronomy in Australia. 10: Shain, Gardner, and Jovian Observations Made at Fleurs and Potts Hill Field Stations in Sydney During 1955-1956".

JAHH,

24, 141-158

Published

(2021).

(Fleurs & Potts Hill)

250 *Moss, V.

"Why can't we go back to normal?". In:

Astronomy for Planet Earth: Forging a Sustainable Future, A special session held at EAS2021, online, 28 June-2 July 2021,

4

Published Online

(2021). <https://doi.org/10.5281/zenodo.5082557>

(O)

251 *Bunton, J. D.; Comoretto, G.; Morrison, I. S.; Shaff, D. C.; Deller, A. T.; van Straten, W.; Jameson, A.

"Performance of Oversampled Polyphase Filterbank Inversion via Fourier Transform: Continuous Signals".

J. Astron. Instrum.,

10, 2150014-444

Published

(2021). <https://doi.org/10.1142/S2251171721500148>

(O)

252 *Norris, R. P.; Crawford, E.; Macgregor, P.

"Odd Radio Circles and their environment".

Galaxies,

9 83

Published

(2021). <https://doi.org/10.3390/galaxies9040083>

(A)

253 Pilia, M.

"The Low Frequency Perspective on Fast Radio Bursts".

Universe,

8, 9

Published

(2021). <https://doi.org/10.3390/universe8010009>

(P, A)

254 Sheikh, S. Z.; Smith, S.; Price, D.; Lebofsky, M.; Siemion, A.; Cordes, J. M.; Gajjar, V.; Drew, J.; Worden, S. P.

"No Redetections of blc1 in 39 hr of Reobservation Campaigns of Proxima Centauri".

RNAAS,

5, 248

Published

(2021). <https://doi.org/10.3847/2515-5172/ac33b2>

(P)

255 *Lewis, A.; Siqueira, A.; Ross, J.; Held, A.; Kerblat, F.

"CEOS Analysis Ready Data and the Private Sector: Early Progress and the Way Forward". In:

2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS, Brussels, Belgium, 11-16 July 2021

Published

(2021). <https://doi.org/10.1109/IGARSS47720.2021.9554387>

(O)
