# Martin J Hardcastle

List of Publications by Year
in descending order



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|---|---|---|---|
| 331 papers | 16,281 citations | 19657 61 h-index | 27406 106 g-index |
| 333 all docs | 333 docs citations | 333 times ranked | 6041 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sub-arcsecond imaging with the International LOFAR Telescope. Astronomy and Astrophysics, 2022, 658, A1. | 5.1 | 42 |
| 2 | The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A13. | 5.1 | 14 |
| 3 | Unmasking the history of 3C 293 with LOFAR sub-arcsecond imaging. Astronomy and Astrophysics, 2022, 658, A6. | 5.1 | 10 |
| 4 | The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2022, 659, A1. | 5.1 | 169 |
| 5 | Radio AGN in nearby dwarf galaxies: the important role of AGN in dwarf galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4109-4122. | 4.4 | 22 |
| 6 | The Planck clusters in the LOFAR sky. Astronomy and Astrophysics, 2022, 660, A78. | 5.1 | 30 |
| 7 | Finding Rare Quasars: VLA Snapshot Continuum Survey of FRI Quasar Candidates Selected from the LOFAR Two-Metre Sky Survey (LoTSS). Galaxies, 2022, 10, 2. | 3.0 | 3 |
| 8 | The galaxy group NGC 507: Newly detected AGN remnant plasma transported by sloshing. Astronomy and Astrophysics, 2022, 661, A92. | 5.1 | 20 |
| 9 | Accretion mode versus radio morphology in the LOFAR Deep Fields. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3250-3271. | 4.4 | 22 |
| 10 | The discovery of a radio galaxy of at least 5 Mpc. Astronomy and Astrophysics, 2022, 660, A2. | 5.1 | 17 |
| 11 | Faraday tomography of LoTSS-DR2 data. Astronomy and Astrophysics, 2022, 663, A7. | 5.1 | 7 |
| 12 | Cosmic evolution of low-excitation radio galaxies in the LOFAR two-metre sky survey deep fields. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3742-3767. | 4.4 | 15 |
| 13 | Relic jet activity in â€˜Hannyâ€™s Voorwerpâ€™ revealed by the LOFAR two metre sky survey. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3879-3885. | 4.4 | 6 |
| 14 | Can the Local Bubble explain the radio background?. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2807-2814. | 4.4 | 9 |
| 15 | Unveiling the rarest morphologies of the LOFAR Two-metre Sky Survey radio source population with self-organised maps. Astronomy and Astrophysics, 2021, 645, A89. | 5.1 | 22 |
| 16 | Extended X-Ray Emission around FR II Radio Galaxies: Hot Spots, Lobes, and Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 252, 31. | 7.7 | 11 |
| 17 | The LOFAR Two-metre Sky Survey Deep Fields. Astronomy and Astrophysics, 2021, 648, A6. | 5.1 | 44 |
| 18 | Low-frequency radio spectra of submillimetre galaxies in the Lockman Hole. Astronomy and Astrophysics, 2021, 648, A14. | 5.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Extremely deep 150 MHz source counts from the LoTSS Deep Fields. Astronomy and Astrophysics, 2021, 648, A5. | 5.1 | 26 |
| 20 | The LOFAR LBA Sky Survey. Astronomy and Astrophysics, 2021, 648, A104. | 5.1 | 64 |
| 21 | The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A3. | 5.1 | 57 |
| 22 | LOFAR Deep Fields: probing a broader population of polarized radio galaxies in ELAIS-N1. Astronomy and Astrophysics, 2021, 648, A12. | 5.1 | 6 |
| 23 | Diffuse radio emission from galaxy clusters in the LOFAR Two-metre Sky Survey Deep Fields. Astronomy and Astrophysics, 2021, 648, A11. | 5.1 | 13 |
| 24 | The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A4. | 5.1 | 55 |
| 25 | The bright end of the infrared luminosity functions and the abundance of hyperluminous infrared galaxies. Astronomy and Astrophysics, 2021, 648, A8. | 5.1 | 16 |
| 26 | The contribution of discrete sources to the sky temperature at 144 MHz. Astronomy and Astrophysics, 2021, 648, A10. | 5.1 | 26 |
| 27 | The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A2. | 5.1 | 61 |
| 28 | The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A1. | 5.1 | 131 |
| 29 | LOFAR observations of galaxy clusters in HETDEX. Astronomy and Astrophysics, 2021, 651, A115. | 5.1 | 71 |
| 30 | MIGHTEE: are giant radio galaxies more common than we thought?. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3833-3845. | 4.4 | 24 |
| 31 | MIGHTEE: total intensity radio continuum imaging and the COSMOS/XMM-LSS Early Science fields. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2150-2168. | 4.4 | 39 |
| 32 | The application of ridgelines in extended radio source cross-identification. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1-15. | 4.4 | 7 |
| 33 | Investigating the spectra and physical nature of galaxy scale jets. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5972-5990. | 4.4 | 12 |
| 34 | The population of M dwarfs observed at low radio frequencies. Nature Astronomy, 2021, 5, 1233-1239. | 10.1 | 37 |
| 35 | A snapshot of the oldest active galactic nuclei feedback phases. Nature Astronomy, 2021, 5, 1261-1267. | 10.1 | 28 |
| 36 | Low frequency radio properties of the zâ€„>â€„â€‹5 quasar population. Astronomy and Astrophysics, 2021, 656, A137. | 5.1 | 20 |

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| 37 | A low-frequency study of linear polarization in radio galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 273-292. | 4.4 | 8 |
| 38 | Characterising the Extended Morphologies of BL Lacertae Objects at 144 MHz with LOFAR. Astrophysical Journal, Supplement Series, 2021, 257, 30. | 7.7 | 5 |
| 39 | Radio Morphology of Red Geysers. Astrophysical Journal, 2021, 922, 230. | 4.5 | 8 |
| 40 | Unmasking the history of 3C 293 with LOFAR subâ€arcsecond imaging. Astronomische Nachrichten, 2021, 342, 1107-1111. | 1.2 | 0 |
| 41 | Radio galaxies and feedback from AGN jets. New Astronomy Reviews, 2020, 88, 101539. | 12.8 | 135 |
| 42 | A high-resolution view of the jets in 3C 465. Monthly Notices of the Royal Astronomical Society, 2020, 496, 676-688. | 4.4 | 4 |
| 43 | Radio constraints on dark matter annihilation in Canes Venatici I with LOFARâ€. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2663-2672. | 4.4 | 14 |
| 44 | LOFAR 144-MHz follow-up observations of GW170817. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5110-5117. | 4.4 | 6 |
| 45 | The duty cycle of radio galaxies revealed by LOFAR: remnant and restarted radio source populations in the Lockman Hole. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1706-1717. | 4.4 | 41 |
| 46 | New constraints on the magnetization of the cosmic web using LOFAR Faraday rotation observations. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2607-2619. | 4.4 | 44 |
| 47 | Giant radio galaxies in the LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2020, 635, A5. | 5.1 | 59 |
| 48 | A Markov chain Monte Carlo approach for measurement of jet precession in radio-loud active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3911-3919. | 4.4 | 5 |
| 49 | Coherent radio emission from a quiescent red dwarf indicative of starâ€“planet interaction. Nature Astronomy, 2020, 4, 577-583. | 10.1 | 82 |
| 50 | Investigating the spectral age problem with powerful radio galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5015-5034. | 4.4 | 21 |
| 51 | One- and two-point source statistics from the LOFAR Two-metre Sky Survey first data release. Astronomy and Astrophysics, 2020, 643, A100. | 5.1 | 18 |
| 52 | The life cycle of radio galaxies in the LOFAR Lockman Hole field. Astronomy and Astrophysics, 2020, 638, A34. | 5.1 | 42 |
| 53 | Radio spectral properties and jet duty cycle in the restarted radio galaxy 3C388. Astronomy and Astrophysics, 2020, 638, A29. | 5.1 | 24 |
| 54 | Alignment in the orientation of LOFAR radio sources. Astronomy and Astrophysics, 2020, 642, A70. | 5.1 | 6 |

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| 55 | The LOFAR view of FR 0 radio galaxies. Astronomy and Astrophysics, 2020, 642, A107. | 5.1 | 21 |
| 56 | The great Kite in the sky: A LOFAR observation of the radio source in Abell 2626. Astronomy and Astrophysics, 2020, 643, A172. | 5.1 | 19 |
| 57 | 3D hydrodynamic simulations of large-scale precessing jets: radio morphology. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5765-5781. | 4.4 | 19 |
| 58 | A population of galaxy-scale jets discovered using LOFAR. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4921-4936. | 4.4 | 20 |
| 59 | The Beautiful Mess in Abell 2255. Astrophysical Journal, 2020, 897, 93. | 4.5 | 54 |
| 60 | The origin of radio emission in broad absorption line quasars: Results from the LOFAR Two-metre Sky Survey (Corrigendum). Astronomy and Astrophysics, 2020, 640, C4. | 5.1 | 0 |
| 61 | Link between radio-loud AGNs and host-galaxy shape. Astronomy and Astrophysics, 2020, 644, A12. | 5.1 | 8 |
| 62 | Revisiting the Fanaroffâ€“Riley dichotomy and radio-galaxy morphology with the LOFAR Two-Metre Sky Survey (LoTSS). Monthly Notices of the Royal Astronomical Society, 2019, 488, 2701-2721. | 4.4 | 125 |
| 63 | NGC 326: X-shaped no more. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3416-3422. | 4.4 | 38 |
| 64 | LOFAR early-time search for coherent radio emission from GRB 180706A. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3483-3492. | 4.4 | 17 |
| 65 | LOFAR Discovery of a Radio Halo in the High-redshift Galaxy Cluster PSZ2 G099.86+58.45. Astrophysical Journal Letters, 2019, 881, L18. | 8.3 | 14 |
| 66 | Radio-loud AGN in the first LoTSS data release. Astronomy and Astrophysics, 2019, 622, A12. | 5.1 | 101 |
| 67 | Mode of accretion in episodic radio galaxies and the dynamics of their outer relic lobes. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3975-3991. | 4.4 | 7 |
| 68 | The linear bias of radio galaxies at zÂà‰ˆÂ0.3 via cosmic microwave background lensing. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L1-L5. | 3.3 | 1 |
| 69 | The LoTSS view of radio AGN in the local Universe. Astronomy and Astrophysics, 2019, 622, A17. | 5.1 | 110 |
| 70 | Variability and Proper Motion of X-Ray Knots in the Jet of Centaurus A. Astrophysical Journal, 2019, 871, 248. | 4.5 | 24 |
| 71 | LoTSS/HETDEX: Optical quasars. Astronomy and Astrophysics, 2019, 622, A11. | 5.1 | 42 |
| 72 | The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2019, 622, A1. | 5.1 | 369 |

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| 73 | The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2019, 622, A3. | 5.1 | 57 |
| 74 | The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2019, 622, A2. | 5.1 | 99 |
| 75 | The origin of radio emission in broad absorption line quasars: Results from the LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2019, 622, A15. | 5.1 | 21 |
| 76 | The intergalactic magnetic field probed by a giant radio galaxy. Astronomy and Astrophysics, 2019, 622, A16. | 5.1 | 37 |
| 77 | LOFAR observations of the XMM-LSS field. Astronomy and Astrophysics, 2019, 622, A4. | 5.1 | 24 |
| 78 | Blazars in the LOFAR Two-Metre Sky Survey first data release. Astronomy and Astrophysics, 2019, 622, A14. | 5.1 | 12 |
| 79 | LoTSS DR1: Double-double radio galaxies in the HETDEX field. Astronomy and Astrophysics, 2019, 622, A13. | 5.1 | 41 |
| 80 | The environments of radio-loud AGN from the LOFAR Two-Metre Sky Survey (LoTSS). Astronomy and Astrophysics, 2019, 622, A10. | 5.1 | 41 |
| 81 | Numerical modelling of the lobes of radio galaxies in cluster environments â€“ IV. Remnant radio galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5807-5819. | 4.4 | 18 |
| 82 | Probing gaseous halos of galaxies with radio jets. Astronomy and Astrophysics, 2019, 627, A113. | 5.1 | 7 |
| 83 | LoTSS/HETDEX: Disentangling star formation and AGN activity in gravitationally lensed radio-quiet quasars. Astronomy and Astrophysics, 2019, 622, A18. | 5.1 | 8 |
| 84 | A LOFAR-IRAS cross-match study: the far-infrared radio correlation and the 150 MHz luminosity as a star-formation rate tracer. Astronomy and Astrophysics, 2019, 631, A109. | 5.1 | 25 |
| 85 | How frequent are close supermassive binary black holes in powerful jet sources?. Monthly Notices of the Royal Astronomical Society, 2019, 482, 240-261. | 4.4 | 40 |
| 86 | Low-frequency Radio Absorption in Tychoâ€™s Supernova Remnant. Astronomical Journal, 2019, 158, 253. | 4.7 | 7 |
| 87 | Accretion and star formation in â€˜radio-quietâ€™ quasars. Proceedings of the International Astronomical Union, 2019, 15, 204-208. | 0.0 | 0 |
| 88 | High density galaxy environments â€” the radio view. Proceedings of the International Astronomical Union, 2019, 15, 91-98. | 0.0 | 0 |
| 89 | LOFAR/H-ATLAS: the low-frequency radio luminosityâ€“star formation rate relation. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3010-3028. | 4.4 | 93 |
| 90 | The Cocoon Shocks of Cygnus A: Pressures and Their Implications for the Jets and Lobes. Astrophysical Journal, 2018, 855, 71. | 4.5 | 39 |

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| 91 | The Ultra-fast Outflow of the Quasar PG 1211+143 as Viewed by Time-averaged Chandra Grating Spectroscopy. Astrophysical Journal, 2018, 853, 165. | 4.5 | 23 |
| 92 | Discovery of an Ultraviolet Counterpart to an Ultrafast X-Ray Outflow in the Quasar PG 1211+143. Astrophysical Journal, 2018, 853, 166. | 4.5 | 19 |
| 93 | Focusing on the extended X-ray emission in 3C 459 with a Chandra follow-up observation. Astronomy and Astrophysics, 2018, 619, A75. | 5.1 | 6 |
| 94 | Untangling Cosmic Magnetic Fields: Faraday Tomography at Metre Wavelengths with LOFAR. Galaxies, 2018, 6, 126. | 3.0 | 12 |
| 95 | Life-cycles & Energetics of Radio-Loud AGN. Proceedings of the International Astronomical Union, 2018, 14, 122-126. | 0.0 | 0 |
| 96 | The Far-Infrared Radio Correlation at low radio frequency with LOFAR/H-ATLAS. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5625-5644. | 4.4 | 26 |
| 97 | UHECR propagation from Centaurus A. Nuclear and Particle Physics Proceedings, 2018, 297-299, 234-241. | 0.5 | 7 |
| 98 | Particle content, radio-galaxy morphology, and jet power: all radio-loud AGN are not equal. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1614-1623. | 4.4 | 90 |
| 99 | Polarized point sources in the LOFAR Two-meter Sky Survey: A preliminary catalog. Astronomy and Astrophysics, 2018, 613, A58. | 5.1 | 29 |
| 100 | The X-ray ribs within the cocoon shock of Cygnus A. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4848-4860. | 4.4 | 6 |
| 101 | Studying the late evolution of a radio-loud AGN in a galaxy group with LOFAR. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5023-5035. | 4.4 | 15 |
| 102 | A simulation-based analytic model of radio galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2768-2786. | 4.4 | 84 |
| 103 | LOFAR-BoÃ¶tes: properties of high- and low-excitation radio galaxies at 0.5Â<ÂzÂ<Â2.0. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3429-3452. | 4.4 | 43 |
| 104 | Remnant radio-loud AGN in the Herschel-ATLAS field. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4557-4578. | 4.4 | 47 |
| 105 | A catalogue of faint local radio AGN and the properties of their host galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 807-816. | 4.4 | 7 |
| 106 | Detection of non-thermal X-ray emission in the lobes and jets of Cygnus A. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4010-4029. | 4.4 | 16 |
| 107 | LOFAR reveals the giant: a low-frequency radio continuum study of the outflow in the nearby FR I radio galaxy 3C 31. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5049-5067. | 4.4 | 32 |
| 108 | Faceting for direction-dependent spectral deconvolution. Astronomy and Astrophysics, 2018, 611, A87. | 5.1 | 174 |

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| 109 | LOFAR MSSS: Flattening low-frequency radio continuum spectra of nearby galaxies. Astronomy and Astrophysics, 2018, 619, A36. | 5.1 | 17 |
| 110 | A SPECTACULAR BOW SHOCK IN THE 11 keV GALAXY CLUSTER AROUND 3C 438. Astrophysical Journal, 2017, 834, 159. | 4.5 | 13 |
| 111 | LOFAR MSSS: Discovery of a 2.56 Mpc giant radio galaxy associated with a disturbed galaxy group. Astronomy and Astrophysics, 2017, 601, A25. | 5.1 | 12 |
| 112 | LOFAR MSSS: The scaling relation between AGN cavity power and radio luminosity at low radio frequencies. Astronomy and Astrophysics, 2017, 605, A48. | 5.1 | 13 |
| 113 | An X-ray survey of the 2â€‰Jy sample â€“ II. X-ray emission from extended structures. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2762-2779. | 4.4 | 20 |
| 114 | The distribution of local star formation activity as a function of galaxy stellar mass, environment and morphology. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4910-4917. | 4.4 | 3 |
| 115 | The LOFAR window on star-forming galaxies and AGNs â€“ curved radio SEDs and IRâ€“radio correlation at 0<z<2.5. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3468-3488. | 4.4 | 96 |
| 116 | Observational evidence that positive and negative AGN feedback depends on galaxy mass and jet power. Monthly Notices of the Royal Astronomical Society, 2017, 471, 28-58. | 4.4 | 19 |
| 117 | A new method for finding and characterizing galaxy groups via low-frequency radio surveys. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1943-1949. | 4.4 | 9 |
| 118 | FR II radio galaxies at low frequencies â€“ II. Spectral ageing and source dynamics. Monthly Notices of the Royal Astronomical Society, 2017, 469, 639-655. | 4.4 | 35 |
| 119 | Search and modelling of remnant radio galaxies in the LOFAR Lockman Hole field. Astronomy and Astrophysics, 2017, 606, A98. | 5.1 | 61 |
| 120 | Evidence that the AGN dominates the radio emission in zÂâˆ¼Â1 radio-quiet quasars. Monthly Notices of the Royal Astronomical Society, 2017, 468, 217-238. | 4.4 | 43 |
| 121 | Investigating the unification of LOFAR-detected powerful AGN in the BoÃ¶tes field. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1883-1896. | 4.4 | 12 |
| 122 | The LOFAR Two-metre Sky Survey. Astronomy and Astrophysics, 2017, 598, A104. | 5.1 | 400 |
| 123 | The Lockman Hole project: LOFAR observations and spectral index properties of low-frequency radio sources. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2997-3020. | 4.4 | 69 |
| 124 | LOFAR FACET CALIBRATION. Astrophysical Journal, Supplement Series, 2016, 223, 2. | 7.7 | 184 |
| 125 | FR II radio galaxies at low frequencies â€“ I. Morphology, magnetic field strength and energetics. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4443-4455. | 4.4 | 47 |
| 126 | LOFAR, VLA, AND CHANDRA OBSERVATIONS OF THE TOOTHBRUSH GALAXY CLUSTER. Astrophysical Journal, 2016, 818, 204. | 4.5 | 130 |

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| 127 | Numerical modelling of the lobes of radio galaxies in cluster environments â€“ III. Powerful relativistic and non-relativistic jets. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2025-2043. | 4.4 | 54 |
| 128 | LOFAR imaging of Cygnus A â€“ direct detection of a turnover in the hotspot radio spectra. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3143-3150. | 4.4 | 53 |
| 129 | LOFAR 150-MHz observations of the BoÃ¶tes field: catalogue and source counts. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2385-2412. | 4.4 | 174 |
| 130 | LOFAR/H-ATLAS: a deep low-frequency survey of theHerschel-ATLAS North Galactic Pole field. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1910-1936. | 4.4 | 106 |
| 131 | The MIXR sample: AGN activity versus star formation across the cross-correlation ofWISE, 3XMM, and FIRST/NVSS. Monthly Notices of the Royal Astronomical Society, 2016, 462, 2631-2667. | 4.4 | 71 |
| 132 | LOFAR MSSS: detection of a low-frequency radio transient in 400Âh of monitoring of the North Celestial Pole. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2321-2342. | 4.4 | 60 |
| 133 | Galaxy And Mass Assembly (GAMA): the 325ÂMHz radio luminosity function of AGN and star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 730-744. | 4.4 | 31 |
| 134 | Radio Galaxy Zoo: discovery of a poor cluster through a giant wide-angle tail radio galaxy. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2376-2384. | 4.4 | 21 |
| 135 | A plethora of diffuse steep spectrum radio sources in Abell 2034 revealed by LOFAR. Monthly Notices of the Royal Astronomical Society, 2016, 459, 277-290. | 4.4 | 46 |
| 136 | DeepChandraobservations of Pictor A. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3526-3545. | 4.4 | 59 |
| 137 | Herschel-ATLAS: the connection between star formation and AGN activity in radio-loud and radio-quiet active galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3776-3794. | 4.4 | 58 |
| 138 | CentaurusÂA: constraints on the nature of the giant lobe filaments fromXMM-Newtonobservations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3277-3282. | 4.4 | 4 |
| 139 | Spectral ageing in the lobes of cluster-centre FR II radio galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3403-3422. | 4.4 | 62 |
| 140 | The LOFAR Multifrequency Snapshot Sky Survey (MSSS). Astronomy and Astrophysics, 2015, 582, A123. | 5.1 | 85 |
| 141 | Black hole masses, accretion rates and hot- and cold-mode accretion in radio galaxies at z â‰¼ 1. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1184-1203. | 4.4 | 24 |
| 142 | Disks and Jets. Space Science Reviews, 2015, 191, 441-469. | 8.1 | 47 |
| 143 | OPTICAL DETECTION OF THE PICTOR A JET AND TIDAL TAIL: EVIDENCE AGAINST AN IC/CMB JET. Astrophysical Journal, 2015, 808, 92. | 4.5 | 9 |
| 144 | The link between accretion mode and environment in radio-loud active galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2683-2707. | 4.4 | 59 |

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| 145 | Unravelling lifecycles and physics of radio-loud AGN in the SKA Era. , 2015, , . | | 13 |
| 146 | SPITZERMID-IR SPECTROSCOPY OF POWERFUL 2Jy AND 3CRR RADIO GALAXIES. II. AGN POWER INDICATORS AND UNIFICATION. Astrophysical Journal, 2014, 788, 98. | 4.5 | 40 |
| 147 | Internal entrainment and the origin of jet-related broad-band emission in Centaurus A. Monthly Notices of the Royal Astronomical Society, 2014, 447, 1001-1013. | 4.4 | 38 |
| 148 | The impact of a young radio galaxy: clues from the cosmic ray electron population. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1364-1380. | 4.4 | 13 |
| 149 | Very Large Baseline Array observations of MrkÂ6: probing the jetâ€“lobe connection. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2976-2987. | 4.4 | 34 |
| 150 | The particle content of low-power radio galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3310-3321. | 4.4 | 55 |
| 151 | Filaments in the southern giant lobe of CentaurusÂA: constraints on nature and origin from modelling and GMRT observations. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2867-2882. | 4.4 | 15 |
| 152 | Spectral age modelling of the â€˜Sausageâ€™ cluster radio relic. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1213-1222. | 4.4 | 50 |
| 153 | An X-ray survey of the 2ÂJy sample â€“ I. Is there an accretion mode dichotomy in radio-loud AGN?. Monthly Notices of the Royal Astronomical Society, 2014, 440, 269-297. | 4.4 | 94 |
| 154 | The Wide-field Infrared Survey Explorer properties of complete samples of radio-loud active galactic nucleus. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1149-1161. | 4.4 | 74 |
| 155 | Herschel-ATLASâ˜…: far-infrared properties of radio-loud and radio-quiet quasars. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1181-1196. | 4.4 | 37 |
| 156 | Numerical modelling of the lobes of radio galaxies in cluster environments â€“ II. Magnetic field configuration and observability. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1482-1499. | 4.4 | 89 |
| 157 | The temperature dependence of the far-infraredâ€“radio correlation in the Herschel-ATLASâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2232-2243. | 4.4 | 36 |
| 158 | Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18. | 4.3 | 504 |
| 159 | Synchrotron and inverse-Compton emission from radio galaxies with non-uniform magnetic field and electron distributions. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3364-3372. | 4.4 | 46 |
| 160 | Numerical modelling of the lobes of radio galaxies in cluster environments. Monthly Notices of the Royal Astronomical Society, 2013, 430, 174-196. | 4.4 | 123 |
| 161 | Herschel â˜…-ATLAS/GAMA: the environmental density of far-infrared bright galaxies at zÂâ‰ˆ 0.5. Monthly Notices of the Royal Astronomical Society, 2013, 433, 771-786. | 4.4 | 12 |
| 162 | A 325-MHz GMRT survey of the Herschel-ATLAS/GAMA fields. Monthly Notices of the Royal Astronomical Society, 2013, 435, 650-662. | 4.4 | 37 |

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