

D P Marrone

List of Publications by Year in descending order

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Version: 2024-02-01

228
papers

22,922
citations

8755

75
h-index

8630

146
g-index

230
all docs

230
docs citations

230
times ranked

8680
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Rapid build-up of the stellar content in the protocluster core SPT2349-56 at $z = 4.3$. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4352-4377. | 4.4 | 5 |
| 2 | The Variability of the Black Hole Image in M87 at the Dynamical Timescale. Astrophysical Journal, 2022, 925, 13. | 4.5 | 6 |
| 3 | CMB/ kSZ and Compton- γ Maps from 2500 deg^2 of SPT-SZ and Planck Survey Data. Astrophysical Journal, Supplement Series, 2022, 258, 36. | 7.7 | 22 |
| 4 | An Intensity Mapping Constraint on the CO-galaxy Cross-power Spectrum at Redshift $z \sim 4.3$. Astrophysical Journal, 2022, 927, 161. | 4.5 | 14 |
| 5 | SPT-SLIM: A Line Intensity Mapping Pathfinder for the South Pole Telescope. Journal of Low Temperature Physics, 2022, 209, 758-765. | 1.4 | 10 |
| 6 | Multiphase ISM in the $z = 5.7$ Hyperluminous Starburst SPT 0346-52. Astrophysical Journal, 2022, 928, 179. | 4.5 | 4 |
| 7 | Chaotic and Clumpy Galaxy Formation in an Extremely Massive Reionization-era Halo. Astrophysical Journal Letters, 2022, 929, L3. | 8.3 | 6 |
| 8 | First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. Astrophysical Journal Letters, 2022, 930, L14. | 8.3 | 163 |
| 9 | Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. Astrophysical Journal Letters, 2022, 930, L21. | 8.3 | 20 |
| 10 | First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. Astrophysical Journal Letters, 2022, 930, L17. | 8.3 | 215 |
| 11 | First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. Astrophysical Journal Letters, 2022, 930, L13. | 8.3 | 142 |
| 12 | First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. Astrophysical Journal Letters, 2022, 930, L15. | 8.3 | 137 |
| 13 | First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. Astrophysical Journal Letters, 2022, 930, L12. | 8.3 | 568 |
| 14 | Selective Dynamical Imaging of Interferometric Data. Astrophysical Journal Letters, 2022, 930, L18. | 8.3 | 21 |
| 15 | Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. Astrophysical Journal Letters, 2022, 930, L19. | 8.3 | 43 |
| 16 | A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. Astrophysical Journal Letters, 2022, 930, L20. | 8.3 | 20 |
| 17 | First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. Astrophysical Journal Letters, 2022, 930, L16. | 8.3 | 187 |
| 18 | Optical and near-infrared observations of the SPT2349-56 proto-cluster core at $z = 4.3$. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1797-1815. | 4.4 | 14 |

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|----|---|------|-----------|
| 19 | First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12. | 8.3 | 215 |
| 20 | Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14. | 8.3 | 67 |
| 21 | First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13. | 8.3 | 297 |
| 22 | Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11. | 8.3 | 56 |
| 23 | The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35. | 4.5 | 43 |
| 24 | Probing Cosmic Reionization and Molecular Gas Growth with TIME. <i>Astrophysical Journal</i> , 2021, 915, 33. | 4.5 | 27 |
| 25 | Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028. | 10.1 | 65 |
| 26 | Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99. | 4.5 | 19 |
| 27 | ALMA Observations of the Sub-kpc Structure of the Host Galaxy of a $z = 6.5$ Lensed Quasar: A Rotationally Supported Hyper-Starburst System at the Epoch of Reionization. <i>Astrophysical Journal</i> , 2021, 917, 99. | 4.5 | 16 |
| 28 | Detection of Galactic and Extragalactic Millimeter-wavelength Transient Sources with SPT-3G. <i>Astrophysical Journal</i> , 2021, 916, 98. | 4.5 | 16 |
| 29 | Overdensities of submillimetre-bright sources around candidate protocluster cores selected from the South Pole Telescope survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3754-3770. | 4.4 | 15 |
| 30 | Molecular Line Observations in Two Dusty Star-forming Galaxies at $z = 6.9$. <i>Astrophysical Journal</i> , 2021, 921, 97. | 4.5 | 20 |
| 31 | Gravitational Test beyond the First Post-Newtonian Order with the Shadow of the M87 Black Hole. <i>Physical Review Letters</i> , 2020, 125, 141104. | 7.8 | 190 |
| 32 | Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148. | 4.5 | 44 |
| 33 | The shape of the black hole photon ring: A precise test of strong-field general relativity. <i>Physical Review D</i> , 2020, 102, . | 4.7 | 85 |
| 34 | Megaparsec-scale structure around the protocluster core SPT2349â€“56 at $z = 4.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3124-3159. | 4.4 | 38 |
| 35 | The $[C\text{II}]/[N\text{II}]$ ratio in 3 <math>z < 6</math> sub-millimetre galaxies from the South Pole Telescope survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4090-4097. | 4.4 | 13 |
| 36 | Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69. | 5.1 | 54 |

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|----|--|------|-----------|
| 37 | SYMBA: An end-to-end VLBI synthetic data generation pipeline. <i>Astronomy and Astrophysics</i> , 2020, 636, A5. | 5.1 | 18 |
| 38 | Millimeter-wave Point Sources from the 2500 Square Degree SPT-SZ Survey: Catalog and Population Statistics. <i>Astrophysical Journal</i> , 2020, 900, 55. | 4.5 | 40 |
| 39 | Monitoring the Morphology of M87* in 2009â€“2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67. | 4.5 | 51 |
| 40 | An Intensity Mapping Detection of Aggregate CO Line Emission at 3 mm. <i>Astrophysical Journal</i> , 2020, 901, 141. | 4.5 | 39 |
| 41 | The Complete Redshift Distribution of Dusty Star-forming Galaxies from the SPT-SZ Survey. <i>Astrophysical Journal</i> , 2020, 902, 78. | 4.5 | 66 |
| 42 | Biases and Cosmic Variance in Molecular Gas Abundance Measurements at High Redshift. <i>Astrophysical Journal</i> , 2020, 904, 127. | 4.5 | 12 |
| 43 | Ubiquitous Molecular Outflows in $z \gtrsim 4$ Massive, Dusty Galaxies. I. Sample Overview and Clumpy Structure in Molecular Outflows on 500 pc Scales. <i>Astrophysical Journal</i> , 2020, 905, 85. | 4.5 | 31 |
| 44 | Ubiquitous Molecular Outflows in $z \gtrsim 4$ Massive, Dusty Galaxies. II. Momentum-driven Winds Powered by Star Formation in the Early Universe. <i>Astrophysical Journal</i> , 2020, 905, 86. | 4.5 | 33 |
| 45 | The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal</i> , Supplement Series, 2019, 243, 26. | 7.7 | 175 |
| 46 | ALMA Observations of the Terahertz Spectrum of Sagittarius A*. <i>Astrophysical Journal Letters</i> , 2019, 881, L2. | 8.3 | 40 |
| 47 | The Massive and Distant Clusters of WISE Survey. VI. Stellar Mass Fractions of a Sample of High-redshift Infrared-selected Clusters. <i>Astrophysical Journal</i> , 2019, 878, 72. | 4.5 | 10 |
| 48 | Detection of anti-correlation of hot and cold baryons in galaxy clusters. <i>Nature Communications</i> , 2019, 10, 2504. | 12.8 | 38 |
| 49 | Measurements of the Cross-spectra of the Cosmic Infrared and Microwave Backgrounds from 95 to 1200 GHz. <i>Astrophysical Journal</i> , 2019, 881, 96. | 4.5 | 8 |
| 50 | Fractional polarization of extragalactic sources in the 500â€“deg ² SPTpol survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5712-5721. | 4.4 | 20 |
| 51 | The Size, Shape, and Scattering of Sagittarius A* at 86 GHz: First VLBI with ALMA. <i>Astrophysical Journal</i> , 2019, 871, 30. | 4.5 | 81 |
| 52 | Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1363-1379. | 4.4 | 16 |
| 53 | Cluster Cosmology Constraints from the 2500 deg ² SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2019, 878, 55. | 4.5 | 211 |
| 54 | Spatially Resolved [C ii] Emission in SPT0346-52: A Hyper-starburst Galaxy Merger at $z \sim 4.7$. <i>Astrophysical Journal</i> , 2019, 870, 80. | 4.5 | 37 |

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|----|---|------|-----------|
| 55 | Constraints on the Thermal Contents of the X-Ray Cavities of Cluster MS 0735.6+7421 with Sunyaev-Zeldovich Effect Observations. <i>Astrophysical Journal</i> , 2019, 871, 195. | 4.5 | 28 |
| 56 | Source Structure and Molecular Gas Properties from High-resolution CO Imaging of SPT-selected Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2019, 873, 50. | 4.5 | 11 |
| 57 | The Massive and Distant Clusters of <i>WISE</i> Survey. I. Survey Overview and a Catalog of >2000 Galaxy Clusters at $z < 1$. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 33. | 7.7 | 50 |
| 58 | LoCuSS: scaling relations between galaxy cluster mass, gas, and stellar content. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 60-80. | 4.4 | 33 |
| 59 | Sunyaev-Zeldovich effect and X-ray scaling relations from weak lensing mass calibration of 32 South Pole Telescope selected galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2871-2906. | 4.4 | 60 |
| 60 | First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3. | 8.3 | 519 |
| 61 | First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2. | 8.3 | 618 |
| 62 | First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4. | 8.3 | 806 |
| 63 | First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1. | 8.3 | 2,264 |
| 64 | First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5. | 8.3 | 814 |
| 65 | First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6. | 8.3 | 897 |
| 66 | Imaging the molecular interstellar medium in a gravitationally lensed star-forming galaxy at $z = 5.7$. <i>Astronomy and Astrophysics</i> , 2019, 628, A23. | 5.1 | 28 |
| 67 | Utilizing freeform optics in dynamic optical configuration designs. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1. | 1.8 | 2 |
| 68 | A massive core for a cluster of galaxies at a redshift of 4.3. <i>Nature</i> , 2018, 556, 469-472. | 27.8 | 127 |
| 69 | GRMHD Simulations of Visibility Amplitude Variability for Event Horizon Telescope Images of Sgr A*. <i>Astrophysical Journal</i> , 2018, 856, 163. | 4.5 | 16 |
| 70 | Hafnium Films and Magnetic Shielding for TIME, A mm-Wavelength Spectrometer Array. <i>Journal of Low Temperature Physics</i> , 2018, 193, 893-900. | 1.4 | 7 |
| 71 | A measurement of CMB cluster lensing with SPT and DES year 1 data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2674-2688. | 4.4 | 41 |
| 72 | A Comparison of Maps and Power Spectra Determined from South Pole Telescope and Planck Data. <i>Astrophysical Journal</i> , 2018, 853, 3. | 4.5 | 18 |

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|----|---|------|-----------|
| 73 | ALMA Polarimetry of Sgr A*: Probing the Accretion Flow from the Event Horizon to the Bondi Radius. <i>Astrophysical Journal</i> , 2018, 868, 101. | 4.5 | 57 |
| 74 | Maps of the Southern Millimeter-wave Sky from Combined 2500 deg ² SPT-SZ and Planck Temperature Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 10. | 7.7 | 28 |
| 75 | The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A2. | 5.1 | 34 |
| 76 | Fast molecular outflow from a dusty star-forming galaxy in the early Universe. <i>Science</i> , 2018, 361, 1016-1019. | 12.6 | 59 |
| 77 | Multiwavelength Light Curves of Two Remarkable Sagittarius A* Flares. <i>Astrophysical Journal</i> , 2018, 864, 58. | 4.5 | 20 |
| 78 | Detection of Intrinsic Source Structure at $\sim 1/3$ Schwarzschild Radii with Millimeter-VLBI Observations of SAGITTARIUS A*. <i>Astrophysical Journal</i> , 2018, 859, 60. | 4.5 | 67 |
| 79 | The 1.4 Åmm Core of Centaurus A: First VLBI Results with the South Pole Telescope. <i>Astrophysical Journal</i> , 2018, 861, 129. | 4.5 | 6 |
| 80 | Galaxy growth in a massive halo in the first billion years of cosmic history. <i>Nature</i> , 2018, 553, 51-54. | 27.8 | 169 |
| 81 | Dense-gas tracers and carbon isotopes in five 2.5 z z z z z 4 lensed dusty star-forming galaxies from the SPT SMG sample. <i>Astronomy and Astrophysics</i> , 2018, 620, A115. | 5.1 | 14 |
| 82 | A VLBI receiving system for the South Pole Telescope. , 2018, , . | | 6 |
| 83 | Alma Observations of Massive Molecular Gas Filaments Encasing Radio Bubbles in the Phoenix Cluster. <i>Astrophysical Journal</i> , 2017, 836, 130. | 4.5 | 79 |
| 84 | Variability in GRMHD Simulations of Sgr : Implications for EHT Closure Phase Observations. <i>Astrophysical Journal</i> , 2017, 844, 35. | 4.5 | 23 |
| 85 | ISM Properties of a Massive Dusty Star-forming Galaxy Discovered at $z \sim 1/4$. <i>Astrophysical Journal Letters</i> , 2017, 842, L15. | 8.3 | 108 |
| 86 | ALMA observations of atomic carbon in $z \sim 1/4$ dusty star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2825-2841. | 4.4 | 94 |
| 87 | A 2500 deg ² CMB Lensing Map from Combined South Pole Telescope and Planck Data. <i>Astrophysical Journal</i> , 2017, 849, 124. | 4.5 | 49 |
| 88 | A Comparison of Cosmological Parameters Determined from CMB Temperature Power Spectra from the South Pole Telescope and the Planck Satellite. <i>Astrophysical Journal</i> , 2017, 850, 101. | 4.5 | 53 |
| 89 | COPSS II: THE MOLECULAR GAS CONTENT OF TEN MILLION CUBIC MEGAPARSECS AT REDSHIFT $z \sim 1/4$. <i>Astrophysical Journal</i> , 2016, 830, 34. | 4.5 | 79 |
| 90 | IDCS J1426.5+3508: WEAK LENSING ANALYSIS OF A MASSIVE GALAXY CLUSTER AT $z = 1.75$. <i>Astrophysical Journal Letters</i> , 2016, 818, L25. | 8.3 | 11 |

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|-----|---|-----|-----------|
| 91 | An ALMA view of the interstellar medium of the $z = 4.77$ lensed starburst SPT-S J213242-5802.9. <i>Astronomy and Astrophysics</i> , 2016, 586, L7. | 5.1 | 28 |
| 92 | THE CARMA PAIRED ANTENNA CALIBRATION SYSTEM: ATMOSPHERIC PHASE CORRECTION FOR MILLIMETER WAVE INTERFEROMETRY AND ITS APPLICATION TO MAPPING THE ULTRALUMINOUS GALAXY ARP 193. <i>Astronomical Journal</i> , 2016, 151, 18. | 4.7 | 4 |
| 93 | COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2016, 832, 95. | 4.5 | 179 |
| 94 | MAPS OF THE MAGELLANIC CLOUDS FROM COMBINED SOUTH POLE TELESCOPE AND PLANCK DATA. <i>Astrophysical Journal</i> , Supplement Series, 2016, 227, 23. | 7.7 | 10 |
| 95 | BAYESIAN TECHNIQUES FOR COMPARING TIME-DEPENDENT GRMHD SIMULATIONS TO VARIABLE EVENT HORIZON TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 832, 156. | 4.5 | 26 |
| 96 | DETECTION OF LENSING SUBSTRUCTURE USING ALMA OBSERVATIONS OF THE DUSTY GALAXY SDP.81. <i>Astrophysical Journal</i> , 2016, 823, 37. | 4.5 | 229 |
| 97 | SPT0346-52: NEGLIGIBLE AGN ACTIVITY IN A COMPACT, HYPER-STARBURST GALAXY AT $z = 5.7$. <i>Astrophysical Journal</i> , 2016, 832, 114. | 4.5 | 27 |
| 98 | SPT-GMOS: A GEMINI/GMOS-SOUTH SPECTROSCOPIC SURVEY OF GALAXY CLUSTERS IN THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2016, 227, 3. | 7.7 | 36 |
| 99 | THE REDSHIFT DISTRIBUTION OF DUSTY STAR-FORMING GALAXIES FROM THE SPT SURVEY. <i>Astrophysical Journal</i> , 2016, 822, 80. | 4.5 | 117 |
| 100 | PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90. | 4.5 | 65 |
| 101 | STAR-FORMING BRIGHTEST CLUSTER GALAXIES AT $0.25 < z < 1.25$: A TRANSITIONING FUEL SUPPLY. <i>Astrophysical Journal</i> , 2016, 817, 86. | 4.5 | 70 |
| 102 | ALMA IMAGING AND GRAVITATIONAL LENS MODELS OF SOUTH POLE TELESCOPE-SELECTED DUSTY, STAR-FORMING GALAXIES AT HIGH REDSHIFTS. <i>Astrophysical Journal</i> , 2016, 826, 112. | 4.5 | 178 |
| 103 | A survey of the cold molecular gas in gravitationally lensed star-forming galaxies at $z > 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4406-4420. | 4.4 | 118 |
| 104 | FAR INFRARED VARIABILITY OF SAGITTARIUS A*: 25.5 hr OF MONITORING WITH HERSCHEL*. <i>Astrophysical Journal</i> , 2016, 825, 32. | 4.5 | 20 |
| 105 | Probing star formation in the dense environments of $z \sim 1$ lensing haloes aligned with dusty star-forming galaxies detected with the South Pole Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1629-1646. | 4.4 | 15 |
| 106 | LOW GAS FRACTIONS CONNECT COMPACT STAR-FORMING GALAXIES TO THEIR $z \sim 1$ QUIESCENT DESCENDANTS. <i>Astrophysical Journal</i> , 2016, 832, 19. | 4.5 | 42 |
| 107 | FAST VARIABILITY AND MILLIMETER/IR FLARES IN GRMHD MODELS OF Sgr A* FROM STRONG-FIELD GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , 2015, 812, 103. | 4.5 | 65 |
| 108 | SUB-KILOPARSEC IMAGING OF COOL MOLECULAR GAS IN TWO STRONGLY LENSED DUSTY, STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 811, 124. | 4.5 | 53 |

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|-----|--|------|-----------|
| 109 | STELLAR MASSES AND STAR FORMATION RATES OF LENSED, DUSTY, STAR-FORMING GALAXIES FROM THE SPT SURVEY. <i>Astrophysical Journal</i> , 2015, 812, 88. | 4.5 | 30 |
| 110 | A MULTI-WAVELENGTH MASS ANALYSIS OF RCS2 J232727.6-020437, A $\sim 1/43 \text{ \AA}$ — $10^{15} M_{\odot}$ GALAXY CLUSTER AT $z = 0.7$. <i>Astrophysical Journal</i> , 2015, 814, 4.5 21. | 4.5 | 19 |
| 111 | THE MASSIVE AND DISTANT CLUSTERS OF WISE SURVEY: MOO J1142+1527, A $10^{15} M_{\odot}$ GALAXY CLUSTER AT $z = 1.19$. <i>Astrophysical Journal Letters</i> , 2015, 812, L40. | 8.3 | 28 |
| 112 | FIRST RESULTS FROM COPSS: THE CO POWER SPECTRUM SURVEY. <i>Astrophysical Journal</i> , 2015, 814, 140. | 4.5 | 36 |
| 113 | First 230 GHz VLBI fringes on 3C 279 using the APEX Telescope. <i>Astronomy and Astrophysics</i> , 2015, 581, A32. | 5.1 | 15 |
| 114 | Optical and Sunyaev-Zel'dovich observations of a new sample of distant rich galaxy clusters in the ROSAT All Sky. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 4248-4276. | 4.4 | 17 |
| 115 | Resolved magnetic-field structure and variability near the event horizon of Sagittarius A*. <i>Science</i> , 2015, 350, 1242-1245. | 12.6 | 176 |
| 116 | MEASUREMENT OF GALAXY CLUSTER INTEGRATED COMPTONIZATION AND MASS SCALING RELATIONS WITH THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2015, 799, 137. | 4.5 | 7 |
| 117 | MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION AND X-RAY MEASUREMENTS. <i>Astrophysical Journal</i> , 2015, 799, 214. | 4.5 | 120 |
| 118 | GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2015, 216, 27. | 7.7 | 464 |
| 119 | 230 GHz VLBI OBSERVATIONS OF M87: EVENT HORIZON SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY γ RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150. | 4.5 | 98 |
| 120 | MEASUREMENTS OF SUB-DEGREE-B-MODE POLARIZATION IN THE COSMIC MICROWAVE BACKGROUND FROM 100 SQUARE DEGREES OF SPTPOL DATA. <i>Astrophysical Journal</i> , 2015, 807, 151. | 4.5 | 117 |
| 121 | The nature of the [CII] emission in dusty star-forming galaxies from the SPT survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2883-2900. | 4.4 | 119 |
| 122 | THE MASSIVE AND DISTANT CLUSTERS OF WISE SURVEY. III. SUNYAEV-ZEL'DOVICH MASSES OF GALAXY CLUSTERS AT $z \lesssim 1$. <i>Astrophysical Journal</i> , 2015, 806, 26. | 4.5 | 33 |
| 123 | A MEASUREMENT OF GRAVITATIONAL LENSING OF THE COSMIC MICROWAVE BACKGROUND BY GALAXY CLUSTERS USING DATA FROM THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2015, 806, 247. | 4.5 | 66 |
| 124 | A GENERAL RELATIVISTIC NULL HYPOTHESIS TEST WITH EVENT HORIZON TELESCOPE OBSERVATIONS OF THE BLACK HOLE SHADOW IN Sgr A*. <i>Astrophysical Journal</i> , 2015, 814, 115. | 4.5 | 105 |
| 125 | LoCuSS: Testing hydrostatic equilibrium in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 456, L74-L78. | 3.3 | 93 |
| 126 | Herschel-ATLAS and ALMA. <i>Astronomy and Astrophysics</i> , 2014, 568, A92. | 5.1 | 33 |

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|-----|--|------|-----------|
| 127 | RELATIVE ASTROMETRY OF COMPACT FLARING STRUCTURES IN Sgr A* WITH POLARIMETRIC VERY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal</i> , 2014, 794, 150. | 4.5 | 24 |
| 128 | LoCuSS: hydrostatic mass measurements of the high-LX cluster sample – cross-calibration of Chandra and XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 2342-2360. | 4.4 | 60 |
| 129 | LoCuSS: the near-infrared luminosity and weak-lensing mass scaling relation of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3309-3317. | 4.4 | 17 |
| 130 | An 8h characteristic time-scale in submillimetre light curves of Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2797-2808. | 4.4 | 72 |
| 131 | DETECTION OF A MAGNETIZED DISK AROUND A VERY YOUNG PROTOSTAR. <i>Astrophysical Journal Letters</i> , 2014, 780, L6. | 8.3 | 73 |
| 132 | SPT-CL J2040+4451: AN SZ-SELECTED GALAXY CLUSTER AT $z = 1.478$ WITH SIGNIFICANT ONGOING STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 794, 12. | 4.5 | 42 |
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