

# DR. CHARLOTTE R. ANGUS

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# CURRICULUM VITAE

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## PROFESSIONAL APPOINTMENTS

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| Oct 2023 - present   | <b>QUB Research Fellow</b><br>School of Mathematics and Physics, Queen's University Belfast (QUB), Belfast, UK |
| Oct 2019 - Sept 2023 | <b>DARK Research Fellow</b><br>DARK Cosmology Centre, Niels Bohr Institute, University of Copenhagen, Denmark  |
| Feb 2017 - Sept 2019 | <b>Postdoctoral Researcher</b><br>Department of Physics, University of Southampton, UK                         |

## EDUCATION

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| Sept 2013 - Oct 2017  | <b>PhD in Physics</b> , University of Warwick, UK<br>Title: <i>On the Host Galaxies of Superluminous Supernovae</i> , Supervisor: Prof. A. Levan                       |
| Sept 2009 - July 2013 | <b>1st in MPhys in Physics and Astronomy</b> , University of Sheffield, UK<br>MPhys Project: <i>Anatomy of a Young Stellar Cluster</i> , Supervisor: Prof. P. Crowther |

## GRANTS, AWARDS & EXTERNAL RECOGNITION

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|-------------|---|
| 2025        | QUB Postdoc Prize for Citizenship and Outreach  |
| 2024        | Interviewed and highly ranked for UKRI Future Leaders Fellowship Round 9.                                 |
| 2021        | Marie Skłodowska-Curie Actions Seal of Excellence   |
| 2019 - 2025 | Awarded over 700 hours telescope time as PI at multiple facilities worldwide, worth in excess of £275,000 |
| 2019-2023   | Independent 4-year DARK Fellowship at University of Copenhagen, worth >€450,000                           |
| 2017        | University of Southampton Vice-Chancellors Award for Equality, Diversity and Inclusion                    |

## PUBLICATIONS & TALKS SUMMARY

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|---------------------|---|
| <b>Publications</b> | 54 refereed papers, 10 under peer review, 2 white papers, (5 first author), h-index 29  |
| <b>Talks</b>        | 27 talks across 8 countries (incl. USA, Australia, Europe): 14 invited (colloquia, seminars, 1 conference keynote speaker), 13 contributed. |

## PROFESSIONAL AFFILIATIONS & LEADERSHIP

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| <b>Collaborations</b> | Member of 8 international consortia: Young Supernova Experiment ( <b>YSE</b> ), Zwicky Transient Facility ( <b>ZTF</b> ), Asteroid Terrestrial-Impact Last Alert System ( <b>ATLAS</b> ) La Silla Schmidt Southern Survey ( <b>LS4</b> ), Dark Energy Survey ( <b>DES</b> ), extended Public ESO Spectroscopic Survey for Transient Objects ( <b>ePESSTO+</b> ), Vera C. Rubin Observatory Legacy Survey of Space and Time ( <b>VRO-LSST</b> ), Spectroscopic Classification of Astrophysical Transients ( <b>SCAT</b> ), and the Time Domain Extragalactic Survey ( <b>TiDES</b> - membership pending)   |
| <b>Leadership</b>     | <ul style="list-style-type: none"><li><b>LSST: Coordinator for TVS-TDE spectroscopic follow-up</b> (2025 - present) - coordinating ESO follow-up proposals for the LSST TVS TDEs. <i>Team size: 100</i></li><li><b>LS4: Coordinator for black hole transient follow-up</b> (2024 - present) - coordinating working group follow-up proposals and strategies. <i>Team size: 10</i></li><li><b>YSE: 'Young Transient' working group</b> (2021 - 2024) - created and managed working group to find and follow up infant supernovae. <i>Team size: 13</i></li><li><b>YSE: European coordinator for spectroscopic follow-up</b> (2019 - 2023) - secured and coordinated spectroscopic follow-up in the survey. <i>Team size: 6</i></li><li><b>ePESSTO+: "Superluminous Supernovae" working group</b> (2018 - 2020) - head of working group, coordinating of follow-up of superluminous supernovae, organisation of publication of data. <i>Team size: 15</i></li></ul> |

## TEACHING & MENTORING EXPERIENCE

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| <b>Teaching</b><br>2018 - 2023       | <ul style="list-style-type: none"><li>• <b>'Survey Operation for PhD Students' (University of Copenhagen, postgraduate module, 2020-2023):</b> Module creator and teacher. Developed, designed and delivered practical course on transients, formally credited under the European Credit Transfer Scheme (ECTS). This course has resulted in 2 student-led publications (Cold et al. 2023, Farias et al. 2024). <i>Course size: 9 students</i></li><li>• <b>NEON Observing School (European Southern Observatory, postgraduate summer school, 2022):</b> Co-teacher for field trip. Supervised students design and conduct individual observing projects. <i>Course size: 18 students</i></li><li>• <b>Astronomical Data Processing Course (University of Copenhagen, postgraduate module, 2020):</b> Co-teacher for practical MSc course on astronomical data. Taught students how to reduce and analyse data <i>Course size: 23 students</i></li><li>• <b>'Design and Observation in Astronomy' (University of Southampton, undergraduate module, 2018):</b> Co-teacher for practical module. Helped students design observing projects, execute their observations, taught them how to collect, reduce and analyse their final data. Assessed final reports. <i>Course size: 15 students</i></li></ul> |
| <b>Supervision</b><br>2018 - present | <ul style="list-style-type: none"><li>• <b>1 PhD student</b> (D. Farías - DARK, co-supervisor). Thesis defended October 2025.</li><li>• <b>2 Masters students</b> (M. Skafsgaard - DARK 2022; A. Smith - QUB 2024). Both successfully completed. A. Smith now undertaking a PhD at QUB.</li><li>• <b>1 Bachelors student</b> (K. Johanssen - DARK 2021). Successfully completed.</li><li>• <b>2 summer interns</b> (A. Knight - Southampton 2018, C. Todd - QUB 2025)</li></ul>   |
| <b>Mentoring</b><br>2019 - present   | <ul style="list-style-type: none"><li>Mentor in the Supernova Foundation to 2 international female undergraduate physics students (guidance on careers, work-life and gender-specific issues in academia). One student has secured a PhD position in USA under my mentorship.</li><li>Academic mentoring: 4 PhD students at DARK (2020-2023), and 2 PhD students at QUB (2023 - present)</li></ul>  |

## EQUITY, DIVERSITY & INCLUSION

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| April 2022 - Sept 2022 | <b>DARK Equality, Diversity &amp; Inclusion Efforts</b><br>Developed a Code of Conduct and Core Working Hours policy.   |
| Dec 2021 - Sept 2022   | <b>DARK Mental Health Committee</b><br>Postdoctoral representative. Arranged the internal mentoring scheme in the group, organiser of talks and events to increase and promote mental wellbeing in the workplace. |
| Feb 2017 - Sept 2019   | <b>The Southampton Women's Physics Network</b><br>Co-chair of the network. Organised talks and outreach events to increase awareness and provide female role models working in STEM.                              |
| Jun 2018 - Sept 2019   | <b>The Southampton Physics Equality, Diversity and Inclusion Committee</b><br>Women's Physics representative and Postdoctoral representative. Obtained the departmental Athena Swan Silver Award.                 |

## OBSERVING EXPERIENCE

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| <b>Time granted as PI:</b>          | <ul style="list-style-type: none"><li>• <b>ESO (VLT, NTT)</b> - P105-P116 programs with XShooter, UVES, FORS2, MUSE, EFOSC (total: <b>71h</b>)</li><li>• <b>HST</b> - Cycle 33 program with WFC (total: <b>20 orbits</b>)</li><li>• <b>NOT</b> - P65-P67 Large programme, ALFOSC (total: <b>400 h</b>)</li><li>• <b>Liverpool</b> - 24A-25B various programmes, IO:O (total: <b>150h</b>)</li><li>• <b>Gemini</b> - 20A, 25A programs with GMOS long slit + IFU (total: <b>20h</b>)</li><li>• <b>Swift</b> - Various ToO proposals with UVOT (total: <b>10h</b>)</li></ul> |
| <b>On-site experience:</b>          | <b>Total 55 nights</b> across ESO facilities (VLT, NTT), Mauna Kea (UH88), La Palma (NOT, WHT)   |
| <b>On-site teaching experience:</b> | <b>Total 10 nights</b> as part of Neon observing school (Observatory Haute Provence - 2022), and Southampton's Design and Observation in Astronomy (Teide - 2018)  |

## OUTREACH

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|----------------|---|
| 2025           | <b>"Chasing Shadows" Public event, Ulster Museum, Belfast, March 2025</b><br>Designed and coordinated a multifaceted public engagement event for the partial solar eclipse, bringing together QUB researchers and amateur astronomers. Engaged with >500 members of the public. |
| 2025 - present | <b>"Build the Universe" workshops</b><br>Designed and developed a short, creative workshop combining art and science for children under 10. First rolled out as part of NI Science Festival, February 2025, to be continued in NI Science Festival 2026.                        |
| 2024 - present | <b>Vice President &amp; public engagement coordinator for Irish Astronomical Association</b><br>Organisation of school talks, observing nights, big multi-activity events (e.g. "Chasing Shadows" solar eclipse event, Ulster Museum, March 2025).                              |
| 2018 - present | <b>General public talks</b><br>>20 talks, including Astronomy on Tap (2018, 2021), Stargazing Live events (2018-2019), Soapbox Science presentations (2019, 2023) and talks for amateur astronomy groups (2022 - present)   |
| 2014 - present | <b>Interactive public activities</b><br>Presenter for planetarium shows (Warwick, Southampton, Irish Astronomical Association). Run workshops with short experiments for children (Coventry LACES 2015), Supernova Hunters Workshops (NI Science Festival 2024, 2025)           |

## MEDIA ENGAGEMENT

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|-------------------|---|
| Press Releases    | <ul style="list-style-type: none"><li><b>"Hiccuping stars caught in action in world first"</b> QUB Communications Centre, Author: Una Bradley, 18/12/2024 (for Angus et al. 2024)</li><li><b>"Death of a star reveals midsize black hole lurking in a dwarf galaxy"</b>, UC Santa Cruz Newscentre, Author: Tim Stephens, 10/11/2022 (for Angus et al. 2022)</li></ul>   |
| Select Interviews | <ul style="list-style-type: none"><li><b>"Why 'hiccuping star' captured for first time is cosmic breakthrough"</b>, Tech &amp; Science Daily podcast, The Standard, 18/12/2024</li><li><b>"Rare, midsize black hole caught devouring a star"</b>, Science, Author: Daniel Cleary, 10/11/2022</li><li><b>"Astronomers witness a middle-weight black hole devour a star"</b>, Inverse, Author: Jeff Nagle, 10/11/2022</li><li><b>"Astronomer jubler: Vi har formentlig fundet et middelmådigt sort hul"</b>, Videnskab, Author: Lise Brix, 18/11/2022</li></ul> |

## SERVICE

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| Grant Review      | Scientific peer review for large grants, including European Research Council Consolidator (2023 & 2025 calls) and STFC Consolidated Grants (2019 call).                 |
| Scientific Review | Scientific peer review for papers in scientific journals (MNRAS, ApJ, A&A) and telescope proposals (HST).<br>Liverpool Telescope Time Allocation Committee 2025 - 2028. |

## TECHNICAL EXPERTISE

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| Data Reduction & Analysis | <ul style="list-style-type: none"><li><b>Imaging:</b> Data reduction and processing of optical, UV and infrared data, including; HST (ACS,WFC3), VLT (FORS2), WHT (ACAM), NTT (EFOSC, SOFI). Photometric analysis, fitting of photometric models, SED fitting.</li><li><b>Spectroscopy:</b> Experience in the reduction of optical and NIR spectra, including; WHT (ACAM, ISIS), VLT (XShooter, MUSE, UVES, FORS2), NTT (EFOSC), NOT (AFOSC).</li><li><b>Spectral analysis:</b> line modelling analysis (pPXF, SYNAPPS, SYN++).</li><li><b>Computing:</b> Python, SQL, IRAF, ds9, SExtractor, Esoreflex, LaTeX, Linux/UNIX, Mac OS, IDL, STARLINK, C.</li></ul> |
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**SUMMARY: 54 REFERRED PUBLICATIONS, 10 UNDER PEER REVIEW, 2 WHITE PAPERS, H-INDEX 29**

#### FIRST AUTHOR ARTICLES

- **Angus, C. R.** et al., “Can tidal disruption event models reliably measure black hole masses?”, submitted to MNRAS, eprint arXiv:2601.04406 (2026)
- **Angus, C. R.** et al., “Double “acct”: a distinct double-peaked supernova matching pulsational pair-instability models”, ApJL, 977, L41 (2024)
- **Angus, C. R.** et al., “AT2020neh: A fast rising tidal disruption event from an intermediate mass black hole”, Nature Astronomy, 6, pp. 1452–1463 (2022)
- **Angus, C. R.** et al., “Superluminous Supernovae in the Dark Energy Survey”, MNRAS, 487, 2215–2241 (2019)
- **Angus, C. R.** et al., “A Hubble Space Telescope Survey of the Host Galaxies of Superluminous Supernovae”, MNRAS, 458, 84 (2016)

#### SECOND OR THIRD AUTHOR ARTICLES

- Aamer, A., Nicholl, M., **Angus, C.R.** et al., “SN 2023taz: Implications for the UV Diversity of Superluminous Supernovae”, submitted to ApJ, eprint arXiv:2511.14916, (2025)
- Tucker, M.A., Hinkle, J.T. **Angus, C.R.** et al., “The Extremely Metal-Poor SN 2023ufx: A Local Analog to High-Redshift Type II Supernovae”, ApJ, 976, 178 (2024)
- Cooke, J., **Angus, C.R.** et al., “Cases for the Keck Wide-Field Imager”, Instrumentation White Paper, eprint arXiv:2207.11698 (2022)
- Pitik, T., Tamborra, I., **Angus, C.R.** and Auchettl, K., “Is the high-energy neutrino event IceCube-200530A associated with a hydrogen rich superluminous supernova”, ApJ, 929, 163 (2022)
- Frohmaier, C. D., **Angus, C. R.** et al., “From core collapse to superluminous: The rates of massive stellar explosions from the Palomar Transient Factory”, MNRAS, 500, 5142 (2021)
- Inserra, C., Sullivan, M., **Angus, C. R.** et al., “First Hubble diagram and cosmological constraints using superluminous supernovae”, MNRAS, 504, 2535 (2021)

#### FOURTH OR LATER AUTHOR ARTICLES

- Magill, D. et al. (including **Angus, C. R.**), “MALLORN: Many Artificial LSST Lightcurves based on Observations of Real Nuclear transients”, submitted to RASTI, eprint arXiv:2512.04946 (2025)
- Hoogendam, W. B. et al. (including **Angus, C. R.**), “University of Hawaii 88-inch Telescope Observations of the Interstellar Comet 3I/ATLAS: Spectrophotometric Blue-Sensitive Spectral Time Series Spanning Two Months from Discovery”, submitted to OJA, eprint arXiv:2512.09020 (2025)
- Farias, D. et al. (including **Angus, C. R.**), “Characterization of type Ibn SNe”, submitted to A&A, eprint arXiv:2511.12362 (2025)
- Gkini, A. et al. (including **Angus, C. R.**), “Eruptive mass loss less than a year before the explosion of superluminous supernovae. II. A systematic search for pre-explosion eruptions with VLT/X-shooter”, submitted to A&A, eprint arXiv:2510.11799 (2025)
- Abreu Paniagua, I. A. et al. (including **Angus, C. R.**), “The New Status Qvo? SN 2021qvo is Another 2003fg-like Type Ia Supernova with a Rising Light-Curve Bump”, submitted to ApJ, eprint arXiv:2508.13263 (2025)
- Disberg, P. et al. (including **Angus, C. R.**), “The metallicity dependence of long-duration gamma-ray bursts”, A&A, 703, A288 (2025)
- Medler, K. et al. (including **Angus, C. R.**), “JWST Observations of SN 2023ixf II: The Panchromatic Evolution Between 250 and 720 Days After the Explosion”, ApJ, 993, 191 (2025)
- DerKacy, J. M. et al. (including **Angus, C. R.**), “JWST Observations of SN 2023ixf I: Completing the Early Multi-Wavelength Picture with Plateau-phase Spectroscopy”, submitted to ApJ, eprint arXiv:2507.18785 (2025)

- Aamer, A. et al. (including **Angus, C. R.**), "The Type I superluminous supernova catalogue – II. Spectroscopic evolution in the photospheric phase, velocity measurements, and constraints on diversity", MNRAS, 541, 2674 (2025)
- Sedgewick, A. et al. (including **Angus, C. R.**), "AAS2RTO: Automated Alert Streams to Real-Time Observations: Preparing for rapid follow-up of transient objects in the era of LSST", A&A, 698, A153 (2025)
- Somalwar, J. J. et al. (including **Angus, C. R.**), "A luminous and hot infrared through X-ray transient at a 5 kpc offset from a dwarf galaxy", submitted to ApJ, eprint arXiv:2505.11597 (2025)
- Jacobson-Galán, W. et al. (including **Angus, C. R.**), "Final Moments III: Explosion Properties and Progenitor Constraints of CSM-Interacting Type II Supernovae", ApJ, 992, 100 (2025)
- Miller, A. A. et al. (including **Angus, C. R.**), "The La Silla Schmidt Southern Survey", Survey White Paper, PASP, 137, 9, id.094204 (2025)
- Gagliano, A. et al. (including **Angus, C. R.**), "Evidence for an Instability-Induced Binary Merger in the Double-Peaked, Helium-Rich Type IIn Supernova 2023zkd", ApJ, 989, 182 (2025)
- Hoogendam, W. B. et al. (including **Angus, C. R.**), "Seeing the Outer Edge of the Infant Type Ia Supernova 2024epr in the Optical and Near Infrared", OJAp, 8, 20 (2025)
- Hinkle, J. T. et al. (including **Angus, C. R.**), "On the Double: Two Luminous Flares from the Nearby Tidal Disruption Event ASASSN-22ci (AT2022dbl) and Connections to Repeating TDE Candidates", submitted to OJAp, eprint arXiv:2412.15326 (2025)
- Magill, D. et al. (including **Angus, C. R.**), "Super-SNID: An Expanded Set of SNID Classes and Templates for the New Era of Wide-field Surveys", RNAAS, 9, 78 (2025)
- Srivastav, S. et al. (including **Angus, C. R.**), "Discovery of the optical counterpart of the fast X-ray transient EP240414a", ApJL, 978, L21 (2025)
- Farias, D., et al. (including **Angus, C. R.**), "SN 2021foa: The "Flip-Flop" Type IIn / Ibn supernova", ApJ, 977, 152 (2024)
- Chen, T.W., et al. (including **Angus, C. R.**), "Discovery and Extensive Follow-Up of SN 2024ggi, a nearby type IIP supernova in NGC 3621", ApJ, 983, 86 (2025)
- Moore, T., et al. (including **Angus, C. R.**), "SN 2023zaw: the low-energy explosion of an ultra-stripped star, with non-radioactive heating", ApJL, 980, L44 (2025)
- Nicholl, M., et al. (including **Angus, C. R.**), "Quasi-periodic X-ray eruptions years after a nearby tidal disruption event", Nature, 634, 8035 (2024)
- Gall, C., et al. (including **Angus, C. R.**) "Origin of the Strong Sodium Absorption of the Lensed Supernova 2016geu at  $z = 0.4$ ", ApJ, 972, 114 (2024)
- Aleo, P. D. et al. (including **Angus, C. R.**), "Anomaly Detection and Approximate Similarity Searches of Transients in Real-time Data Streams", ApJ, 974, 172 (2024)
- Jacobson-Galán, W. et al. (including **Angus, C. R.**), "Final Moments II: Observational Properties and Physical Modelling of CSM-Interacting Type II Supernovae", ApJ, 970, 189 (2024)
- Yadavalli, K. et al. (including **Angus, C. R.**), "SN 2022oqm: A Multi-peaked Calcium-rich Transient from a White Dwarf Binary Progenitor System", ApJ, 972, 194 (2023)
- Wang, Q., et al. (including **Angus, C. R.**), "Flight of the Bumblebee: the Early Excess Flux of Type Ia Supernova 2023bee revealed by TESS, Swift and Young Supernova Experiment Observations", ApJ, 962, 17 (2024)
- Pursiainen, M., et al. (including **Angus, C. R.**), "SN 2023emq: a probable flash-ionised Ibn supernova", ApJL, 959, L10 (2023)
- Jacobson-Galán, W. et al. (including **Angus, C. R.**), "SN 2023ixf in Messier 101: Photo-ionization of Dense, Close-in Circumstellar Material in a Nearby Type II Supernova", ApJL, 954, L45 (2023)
- Kuncarayakti, H., et al. (including **Angus, C. R.**), "The Bactrian? Broad-lined Type-Ic supernova SN 2022xxf with extraordinary two-humped light curves", A&A, 678, A209 (2023)
- Davis, K. W., et al. (including **Angus, C. R.**), "SN 2022ann: A type Icn supernova from a dwarf galaxy that reveals helium in its circumstellar environment", MNRAS, 523, 2530 (2023)

- Aleo, P. D., et al. (including **Angus, C. R.**), "The Young Supernova Experiment Data Release 1 (YSE DR1): Light Curves and Photometric Classification of 1975 Supernovae" *ApJ*, 266, 9 (2023)
- Pérez-García, M. A. et al. (including **Angus, C. R.**), "Hubble constant and nuclear equation of state from kilonova spectro-photometric light curves", *A&A*, 666, A67 (2022)
- Jacobson-Galán, W. et al. (including **Angus, C. R.**), "The Circumstellar Environments of Double-Peaked, Calcium-strong Supernovae 2021gno and 2021inl", *ApJ*, 932, 58, 25 (2022)
- Pursiainen, M. et al. (including **Angus, C. R.**), "SN 2018bsz: a Type I superluminous supernova with aspherical circumstellar material", *A&A*, 666, A30, (2022)
- Paulino-Afonso, A. et al. (including **Angus, C. R.**), "Systematic errors on optical-SED stellar mass estimates for galaxies across cosmic time and their impact on cosmology", *A&A*, 662, A86, 12 (2022)
- Srivastav, S. et al. (including **Angus, C. R.**), "SN 2020kyg and the rates of faint Iax Supernovae from ATLAS", *MNRAS*, 511, 2708 (2021)
- Terreran, G. et al. (including **Angus, C. R.**), "The Early Phases of Supernova 2020pni: Shock-Ionization of the Nitrogen-Enriched Circumstellar Material", *ApJ*, 926, 20 (2022)
- Jones, D. et al. (including **Angus, C. R.**), "The Young Supernova Experiment: Survey Goals, Overview, and Operations", *ApJ*, 908, 143 (2021)
- Gutiérrez, C. P. et al. (including **Angus, C. R.**), "DES16C3cje: A low-luminosity, long-lived supernova", *MNRAS*, 496, 95 (2020)
- Izzo, L. et al. (including **Angus, C. R.**), "Broad-line type Ic SN 2020bvc. Signatures of an off-axis gamma-ray burst afterglow", *A&A*, 639, L11 (2020)
- Pursiainen, M. et al. (including **Angus, C. R.**), "The mystery of photometric twins DES17X1boj and DES16E2bjy", *MNRAS*, 494, 5576 (2020)
- Wiseman, P. et al. (including **Angus, C. R.**), "Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses", *MNRAS*, 495, 4040 (2020)
- Abbott, T. M. C. (including **Angus, C. R.**), "First cosmology results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters", *ApJL*, 872, L30 (2019)
- Gromadzki, M et al. (including **Angus, C. R.**), "Discovery and follow-up of the unusual nuclear transient OGLE17aa", *A&A*, 622, L2 (2019)
- Vincenzi, M. et al. (including **Angus, C. R.**), "Spectrophotometric templates for core-collapse supernovae and their application in simulations of time-domain surveys", *MNRAS*, 489, 5802 (2019)
- Chrimes, A. A et al. (including **Angus, C. R.**), "Investigating a population of infrared-bright gamma-ray burst host galaxies", *MNRAS*, 478, 2 (2018)
- Anderson, J. P et al. (including **Angus, C. R.**), "A nearby superluminous supernova with a long pre-maximum 'plateau' and strong CII features", *A&A*, 620, A67 (2018)
- Inserra, C. et al. (including **Angus, C. R.**), "A Statistical Approach to Identify Superluminous Supernovae and Probe Their Diversity", *ApJ*, 854, 175 (2018)
- Smith, M. et al. (including **Angus, C. R.**), "Studying the Ultraviolet Spectrum of the First Spectroscopically Confirmed Supernova at Redshift Two", *ApJ*, 854, 37 (2018)
- Smartt, S. J. et al. (including **Angus, C. R.**), "A kilonova as the electromagnetic counterpart to a gravitational-wave source", *Nature*, 551, 75 (2017)
- Abbott, B.P et al. (including **Angus, C. R.**), "Multi-messenger Observations of a Binary Neutron Star Merger", *ApJ*, 848, 12 (2017)
- Lyman, J. D. et al. (including **Angus, C. R.**), "The host galaxies and explosion sites of long-duration gamma ray bursts: Hubble Space Telescope near-infrared imaging", *MNRAS*, 467, 1795 (2017)
- Lyman, J. D. et al. (including **Angus, C. R.**), "Hubble Space Telescope observations of the host galaxies and environments of calcium-rich supernovae", *MNRAS*, 458, 1768 (2016)
- Crowther, P. A. et al. (including **Angus, C. R.**), "The R136 star cluster dissected with Hubble Space Telescope STIS. I. Far-ultraviolet spectroscopic census and the origin of He II  $\lambda$ 1640 in young star clusters", *MNRAS*, 458, 624 (2016)