

Tyler L Bourke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1192643/publications.pdf>

Version: 2024-02-01

38
papers

2,034
citations

304743

22
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

1611
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163. | 4.5 | 16 |
| 2 | Evolution and Kinematics of Protostellar Envelopes in the Perseus Molecular Cloud. <i>Astrophysical Journal</i> , 2022, 927, 88. | 4.5 | 4 |
| 3 | The Central 1000 au of a Prestellar Core Revealed with ALMA. II. Almost Complete Freeze-out. <i>Astrophysical Journal</i> , 2022, 929, 13. | 4.5 | 34 |
| 4 | Effects of Magnetic Field Orientations in Dense Cores on Gas Kinematics in Protostellar Envelopes. <i>Astrophysical Journal</i> , 2022, 930, 67. | 4.5 | 3 |
| 5 | The Twisted Magnetic Field of the Protobinary L483. <i>Astrophysical Journal</i> , 2022, 932, 34. | 4.5 | 3 |
| 6 | Observations of Magnetic Fields Surrounding LkH101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10. | 4.5 | 16 |
| 7 | JCMT POL-2 and BISTRO Survey Observations of Magnetic Fields in the L1689 Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 907, 88. | 4.5 | 29 |
| 8 | The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021, 912, L27. | 8.3 | 21 |
| 9 | The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. <i>Astrophysical Journal</i> , 2021, 913, 85. | 4.5 | 19 |
| 10 | The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85. | 4.5 | 13 |
| 11 | The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. <i>Astrophysical Journal</i> , 2021, 920, 119. | 4.5 | 22 |
| 12 | A low-frequency pilot survey of southern H&K regions in the vela constellation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 593-610. | 4.4 | 3 |
| 13 | The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. <i>Astrophysical Journal Letters</i> , 2021, 923, L9. | 8.3 | 4 |
| 14 | Magnetism Science with the Square Kilometre Array. <i>Galaxies</i> , 2020, 8, 53. | 3.0 | 41 |
| 15 | Understanding the Origin of the Magnetic Field Morphology in the Wide-binary Protostellar System BHR 71. <i>Astrophysical Journal</i> , 2020, 892, 152. | 4.5 | 29 |
| 16 | Magnetic Field Structure in Spheroidal Star-forming Clouds. II. Estimating Field Structure from Observed Maps. <i>Astrophysical Journal</i> , 2020, 896, 163. | 4.5 | 8 |
| 17 | Detection of a Disk Surrounding the Variably Accreting Young Star HBC722. <i>Research Notes of the AAS</i> , 2020, 4, 155. | 0.7 | 1 |
| 18 | The Formation Conditions of the Wide Binary Class 0 Protostars within BHR 71. <i>Astrophysical Journal</i> , 2019, 870, 81. | 4.5 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Central 1000 au of a Pre-stellar Core Revealed with ALMA. I. 1.3 mm Continuum Observations. <i>Astrophysical Journal</i> , 2019, 874, 89. | 4.5 | 43 |
| 20 | Mass Assembly of Stellar Systems and Their Evolution with the SMA (MASSES)â€”Full Data Release. <i>Astrophysical Journal</i> , Supplement Series, 2019, 245, 21. | 7.7 | 18 |
| 21 | Hierarchical Fragmentation in the Perseus Molecular Cloud: From the Cloud Scale to Protostellar Objects. <i>Astrophysical Journal</i> , 2018, 853, 5. | 4.5 | 37 |
| 22 | Mass Assembly of Stellar Systems and Their Evolution with the SMA (MASSES)â€”1.3 mm Subcompact Data Release. <i>Astrophysical Journal</i> , Supplement Series, 2018, 237, 22. | 7.7 | 29 |
| 23 | Alignment between Protostellar Outflows and Filamentary Structure. <i>Astrophysical Journal</i> , 2017, 846, 16. | 4.5 | 47 |
| 24 | Protostellar accretion traced with chemistry. <i>Astronomy and Astrophysics</i> , 2017, 602, A120. | 5.1 | 39 |
| 25 | MISALIGNMENT OF OUTFLOW AXES IN THE PROTO-MULTIPLE SYSTEMS IN PERSEUS. <i>Astrophysical Journal Letters</i> , 2016, 820, L2. | 8.3 | 60 |
| 26 | SMA OBSERVATIONS OF CLASS 0 PROTOSTARS: A HIGH ANGULAR RESOLUTION SURVEY OF PROTOSTELLAR BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2013, 768, 110. | 4.5 | 123 |
| 27 | REVEALING THE MILLIMETER ENVIRONMENT OF THE NEW FLI ORIONIS CANDIDATE HBC722 WITH THE SUBMILLIMETER ARRAY. <i>Astrophysical Journal</i> , 2012, 755, 157. | 4.5 | 23 |
| 28 | THE SPITZER c2d SURVEY OF NEARBY DENSE CORES. IX. DISCOVERY OF A VERY LOW LUMINOSITY OBJECT DRIVING A MOLECULAR OUTFLOW IN THE DENSE CORE L673-7. <i>Astrophysical Journal</i> , 2010, 721, 995-1013. | 4.5 | 41 |
| 29 | ROTATION AND OUTFLOW MOTIONS IN THE VERY LOW-MASS CLASS 0 PROTOSTELLAR SYSTEM HH 211 AT SUBARCSECOND RESOLUTION. <i>Astrophysical Journal</i> , 2009, 699, 1584-1594. | 4.5 | 87 |
| 30 | Identifying the Low-Luminosity Population of Embedded Protostars in the c2d Observations of Clouds and Cores. <i>Astrophysical Journal</i> , Supplement Series, 2008, 179, 249-282. | 7.7 | 230 |
| 31 | SHARC-II Mapping of Spitzer c2d Small Clouds and Cores. <i>Astronomical Journal</i> , 2007, 133, 1560-1584. | 4.7 | 43 |
| 32 | X-Ray and Infrared Point Source Identification and Characteristics in the Embedded, Massive Star-Forming Region RCW 38. <i>Astronomical Journal</i> , 2006, 132, 1100-1125. | 4.7 | 60 |
| 33 | A “Starless” Core that Isn’t: Detection of a Source in the L1014 Dense Core with the Spitzer Space Telescope. <i>Astrophysical Journal</i> , Supplement Series, 2004, 154, 396-401. | 7.7 | 146 |
| 34 | From Molecular Cores to Planet-Forming Disks: An SIRT Legacy Program. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 965-980. | 3.1 | 430 |
| 35 | New OH Zeeman Measurements of Magnetic Field Strengths in Molecular Clouds. <i>Astrophysical Journal</i> , 2001, 554, 916-932. | 4.5 | 127 |
| 36 | IRAS 11590~6452 in BHR 71: A Binary Protostellar System?. <i>Astrophysical Journal</i> , 2001, 554, L91-L94. | 4.5 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Mid-infrared imaging and spectroscopy of the southern Hii region RCW 38. Monthly Notices of the Royal Astronomical Society, 1999, 303, 367-379. | 4.4 | 17 |
| 38 | Discovery of a Highly Collimated Molecular Outflow in the Southern Bok Globule BHR 71. Astrophysical Journal, 1997, 476, 781-800. | 4.5 | 108 |