

Marina Kounkel

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Professional Experiences

- **University of North Florida** Jacksonville, FL
Assistant Professor 2023 -
- **Vanderbilt University** Nashville, TN
Postdoctoral Scholar 2021 - 2023
- **Western Washington University** Bellingham, WA
Postdoctoral Scholar 2017 - 2021
- **University of Michigan** Ann Arbor, MI
PhD in Astronomy and Astrophysics, Rackham Fellowship 2012 - 2017
- **University of Toledo** Toledo, OH
B.S. in Astrophysics, Summa Cum Laude 2008 - 2012

Research highlights

Research interests:

Various aspects pertaining to star formation, including

- Inter- and intracluster dynamics in 3d
- Local star formation history of the Milky Way
- Stellar multiplicity

Experience in working with multi-wavelength photometric and spectroscopic data products from:

- *Optical:* HectoChelle, M2FS, IMACS, Gaia, TESS, ASAS-SN, BOSS
- *IR:* HST, Spitzer, IRTF, FIRE, APOGEE
- *Submm:* SMA, IRAM 30m, NOEMA
- *Radio:* VLA, VLBA

Service

- Spitzer TAC, ADAP Panel review
- Led targeting efforts for young stars for SDSS-V Milky Way Mapper
- SDSS-V YSO working group co-chair
- Co-I for AXIS mission

Recent talks

Protostars & Planets VII <i>Invited talk</i>	2023/04
TESS Splinter Meeting <i>Invited talk</i>	2023/01
AXIS Splinter Meeting <i>Invited talk</i>	2023/01
University of Arizona <i>Colloquium</i>	2022/12
Sagan Exoplanet Workshop <i>Invited talk</i>	2022/07
Cool Stars 21 <i>Contributed talk</i>	2022/07
EAS Annual Meeting <i>Invited talk</i>	2022/06
Konkoly Observatory <i>Colloquium</i>	2022/06
Cosmic Origins NASA Seminar <i>Colloquium</i>	2022/05
From Clouds to Disks <i>Invited Talk</i>	2021/10
Star Clusters Workshop <i>Invited Talk</i>	2021/10
Ohio State University <i>Colloquium</i>	2021/09
EAS Annual Meeting 2021 <i>Invited talk</i>	2021/07
Harvard University <i>Colloquium</i>	2021/03
Florida State University <i>Colloquium</i>	2021/01
Goddard Space Center <i>Colloquium</i>	2020/09

Teaching

Mathematical Physics	2023 -
Calculus Based Physics I	2023 -
Naked Eye Astronomy	2015 - 2017
Intro to Astronomy	2013 - 2015
Ritter Planetarium, Staff	2008 - 2012

Community Outreach

Meet the Astronomer, Dyer Observatory open house	2022/08
Astronomical Society of Long Island public talk	2022/08
Cover illustrator for musical album “Sound of Interstellar Space” by TRIFID	2020
Slooh, Space ambassador	2020
Weekly Space Hangout podcast, Invited Guest	2019
SPARK Museum of Electrical Invention, Volunteer	2019
Girls in Engineering, Math & Science (GEMS) fair, Volunteer	Spring 2019
Volunteer at the Detroit Observatory open houses	2013 - 2017
Volunteer at FEMMES (Females Excelling More in Math and Science) Event	Spring 2016
UM Curriculum Committee Graduate Student Representative	Spring 2015
Graduate Employees Organization, Secretary	2014 - 2015
Graduate Employees Organization, Representative from the Astronomy Department	2013 - 2014
Ritter Observatory, Operator	2009 - 2012
UT Office of Accessibility, Assistant	2011

References

Kevin Covey

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Tom Megeath

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Mentoring & Advising

Kaitlyn Lane (Vanderbilt ug): BOSS spectra	2021-current
Serat Saad (Vanderbilt ug): BOSS spectra	2021-current
Matteo Statti (Vanderbilt ug): Eclipsing binary fitting	2021-2023
TingYan Den (Vanderbilt ug): Cluster dynamics	2021
Hunter Campbell (WWU ug, co-advising with Kevin Covey): Accretion	2021-2022
Elliot Khilfeh (WWU ug, co-advising with Kevin Covey): Accretion	2021-2022
Logan Sizemore (WWU masters, co-advising with Brian Hutchinson): BOSS Net	2021-current
Sally Bass (WWU ug, co-advising with Brian Hutchinson): TESS FFI	2021-current
Dani Sprague (WWU ug, co-advising with Brian Hutchinson): APOGEE Net	2020-2021
Ryan Lingg (WWU ug & masters, co-advising with Brian Hutchinson): YSO catalog; TESS FFI	2019-2021
Richard Olney (WWU masters, co-advising with Brian Hutchinson): APOGEE Net	2018-2021
Aidan McBride (WWU ug): Runaways; YSO catalog	2018-current
Annalise Miller (WWU ug, co-advising with Kevin Covey): Eclipsing binary fitting	2019-2021
Chase Boggio (WWU ug, co-advising with Kevin Covey): Eclipsing binary fitting	2018-2020
Matthew Scoggins (WWU ug, co-advising with Kevin Covey): APOGEE Net	2018-2019
Erin Howard (WWU ug, co-advising with Kevin Covey): APOGEE Net	2018-2019
Mitchel Yourston (WWU ug, co-advising with Kevin Covey): Cluster HR diagram & stellar rotation	2018-2019
Rebecca Martel (UMich ug, co-advising with Lee Hartmann): Spectroscopic binaries	2014-2015

Publications (ADS link)

First Author

- **Kounkel, Marina**; Zari, Eleonora; Covey, Kevin; (14 authors); Rojas-Ayala, Bárbara (2023), *ABYSS. I. Targeting Strategy for the APOGEE and BOSS Young Star Survey in SDSS-V*, The Astrophysical Journal Supplement Series, 266, 10, arxiv
- **Kounkel, Marina**; Stassun, Keivan G.; Hillenbrand, Lynne A.; (2 authors); Curtis, Jason Lee (2023), *Measurement of the Angular Momenta of Pre-main-sequence Stars: Early Evolution of Slow and Fast Rotators and Empirical Constraints on Spin-down Torque Mechanisms*, The Astronomical Journal, 165, 182, arxiv
- **Kounkel, Marina**; McBride, Aidan; Stassun, Keivan G.; Leigh, Nathan (2022), *Searching for young runaways across the sky*, Monthly Notices of the Royal Astronomical Society, 517, 1946, arxiv, **2 citations**
- **Kounkel, Marina**; Stassun, Keivan G.; Covey, Kevin; Hartmann, Lee (2022), *A gravitational and dynamical framework of star formation: the Orion nebula*, Monthly Notices of the Royal Astronomical Society, 517, 161, arxiv, **9 citations**
- **Kounkel, Marina**; Stassun, Keivan G.; Bouma, Luke G.; (2 authors); Curtis, Jason Lee (2022), *Untangling the Galaxy. IV. Empirical Constraints on Angular Momentum Evolution and Gyrochronology for Young Stars in the Field*, The Astronomical Journal, 164, 137, arxiv, **11 citations**
- **Kounkel, Marina**; Deng, TingYan; Stassun, Keivan G. (2022), *Dynamical Star-forming History of Per OB2*, The Astronomical Journal, 164, 57, arxiv, **6 citations**
- **Kounkel, Marina**; Covey, Kevin R.; Stassun, Keivan G.; (24 authors); Bizyaev, Dmitry (2021), *Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data*, The Astronomical Journal, 162, 184, arxiv, **32 citations**
- **Kounkel, Marina**; Covey, Kevin; Stassun, Keivan G. (2020), *Untangling the Galaxy. II. Structure within 3 kpc*, The Astronomical Journal, 160, 279, arxiv, **71 citations**
- **Kounkel, Marina** (2020), *Supernovae in Orion: The Missing Link in the Star-forming History of the Region*, The Astrophysical Journal, 902, 122, arxiv, **25 citations**
- **Kounkel, Marina**; Covey, Kevin (2019), *Untangling the Galaxy. I. Local Structure and Star Formation History of the Milky Way*, The Astronomical Journal, 158, 122, arxiv, **149 citations**
- **Kounkel, Marina**; Covey, Kevin; Moe, Maxwell; (25 authors); Oravetz, Audrey (2019), *Close Companions around Young Stars*, The Astronomical Journal, 157, 196, arxiv, **78 citations**
- **Kounkel, Marina**; Covey, Kevin; Suárez, Genaro; (16 authors); Nitschelm, Christian (2018), *The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure*, The Astronomical Journal, 156, 84, arxiv, **229 citations**
- **Kounkel, Marina**; Hartmann, Lee; Loinard, Laurent; (5 authors); Briceño, Cesar (2018), *VLBA Observations of Strong Anisotropic Radio Scattering Toward the Orion Nebula*, The Astronomical Journal, 155, 218, arxiv, **1 citation**
- **Kounkel, Marina**; Hartmann, Lee; Mateo, Mario; Bailey, John I., III (2017), *Kinematics of the Optically Visible YSOs toward the Orion B Molecular Cloud*, The Astrophysical Journal, 844, 138, arxiv, **10 citations**
- **Kounkel, Marina**; Hartmann, Lee; Calvet, Nuria; Megeath, Tom (2017), *Characterizing the Stellar Population of NGC 1980*, The Astronomical Journal, 154, 29, arxiv, **11 citations**
- **Kounkel, Marina**; Hartmann, Lee; Loinard, Laurent; (11 authors); Tobin, John J. (2017), *The Gould's Belt Distances Survey (GOBELINS) II. Distances and Structure toward the Orion Molecular Clouds*, The Astrophysical Journal, 834, 142, arxiv, **198 citations**
- **Kounkel, M.**; Megeath, S. T.; Poteet, C. A.; Fischer, W. J.; Hartmann, L. (2016), *An HST Survey for 100-1000 au Companions around Young Stellar Objects in the Orion Molecular Clouds: Evidence for Environmentally Dependent Multiplicity*, The Astrophysical Journal, 821, 52, arxiv, **34 citations**
- **Kounkel, Marina**; Hartmann, Lee; Tobin, John J.; (2 authors); Spencer, Meghin (2016), *Spectroscopic Binaries in the Orion Nebula Cluster and NGC 2264*, The Astrophysical Journal, 821, 8, arxiv, **31 citations**
- **Kounkel, Marina**; Hartmann, Lee; Loinard, Laurent; (10 authors); Tobin, John (2014), *The Gould's Belt Very Large Array Survey. III. The Orion Region*, The Astrophysical Journal, 790, 49, arxiv, **32 citations**

Student-led

- Sprague, Dani; Culhane, Connor; **Kounkel, Marina**; (16 authors); Lane, Richard R. (2022), *APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars*, The Astronomical Journal, 163, 152, arxiv, **12 citations**
- McBride, Aidan; Lingg, Ryan; **Kounkel, Marina**; Covey, Kevin; Hutchinson, Brian (2021), *Untangling the Galaxy. III. Photometric Search for Pre-main-sequence Stars with Deep Learning*, The Astronomical Journal, 162, 282, arxiv, **21 citations**
- Miller, Annaliese; **Kounkel, Marina**; Sun, Meng; (4 authors); Mathieu, Robert (2021), *2M17091769+3127589: A Mass-transfer Binary with an Extreme Mass Ratio*, The Astronomical Journal, 162, 131, arxiv, **6 citations**
- Miller, Annaliese; **Kounkel, Marina**; Boggio, Chase; Covey, Kevin; Price-Whelan, Adrian M. (2021), *Orbital and Stellar Parameters for 2M06464003+0109157: A Double-lined Eclipsing Binary of Spotted, Sub-solar Twins*, Publications of the Astronomical Society of the Pacific, 133, 044201, arxiv, **3 citations**
- Olney, Richard; **Kounkel, Marina**; Schillinger, Chad; (5 authors); Stassun, Keivan G. (2020), *APOGEE Net: Improving the Derived Spectral Parameters for Young Stars through Deep Learning*, The Astronomical Journal, 159, 182, arxiv, **32 citations**
- McBride, Aidan; **Kounkel, Marina** (2019), *Runaway Young Stars near the Orion Nebula*, The Astrophysical Journal, 884, 6, arxiv, **27 citations**

Invited Reviews

- Megeath, S. T.; Gutermuth, R. A.; **Kounkel, M. A.** (2022), *Low Mass Stars as Tracers of Star and Cluster Formation*, Publications of the Astronomical Society of the Pacific, 134, 042001, arxiv, **10 citations**
- Wright, Nicholas J.; Goodwin, Simon; Jeffries, Robin D.; **Kounkel, Marina**; Zari, Eleonora (2022), *OB Associations*, arXiv e-prints, arXiv:2203.10007, arxiv, **13 citations**

Coauthor

- Almeida, Andrés; Anderson, Scott F.; Argudo-Fernández, Maria; (71 authors); **Kounkel, Marina**; (79 authors); Zasowski, Gail (2023), *The Eighteenth Data Release of the Sloan Digital Sky Surveys: Targeting and First Spectra from SDSS-V*, The Astrophysical Journal Supplement Series, 267, 44, arxiv, **18 citations**
- Alzate, Jairo A.; Bruzual, Gustavo; **Kounkel, Marina**; (3 authors); Cao, Lyra (2023), *Constraints on star formation in Orion A from Gaia*, Monthly Notices of the Royal Astronomical Society, 523, 4821, arxiv
- Wright, N. J.; **Kounkel, M.**; Zari, E.; Goodwin, S.; Jeffries, R. D. (2023), *OB Associations*, Astronomical Society of the Pacific Conference Series, 534, 129, **1 citation**
- Stassun, Keivan G.; Torres, Guillermo; **Kounkel, Marina**; (6 authors); Gully-Santiago, Michael (2023), *An Eclipsing Binary Comprising Two Active Red Stragglers of Identical Mass and Synchronized Rotation: A Post-mass-transfer System or Just Born That Way?*, The Astrophysical Journal, 950, 99, arxiv, **1 citation**
- Román-Zúñiga, Carlos G.; **Kounkel, Marina**; Hernández, Jesús; (24 authors); Pan, Kaike (2023), *Stellar Properties for a Comprehensive Collection of Star-forming Regions in the SDSS APOGEE-2 Survey*, The Astronomical Journal, 165, 51, arxiv, **4 citations**
- Limbach, Mary Anne; Soares-Furtado, Melinda; Vanderburg, Andrew; (5 authors); **Kounkel, Marina**; (5 authors); Vos, Johanna M. (2023), *The TEMPO Survey. I. Predicting Yields of Transiting Exosatellites, Moons, and Planets from a 30 days Survey of Orion with the Roman Space Telescope*, Publications of the Astronomical Society of the Pacific, 135, 014401, arxiv, **4 citations**
- Campbell, Hunter; Khilfeh, Elliott; Covey, Kevin R.; **Kounkel, Marina**; (19 authors); Fernández-Trincado, José G. (2023), *Pre-main-sequence Brackett Emitters in the APOGEE DR17 Catalog: Line Strengths and Physical Properties of Accretion Columns*, The Astrophysical Journal, 942, 22, arxiv, **1 citation**
- Stassun, Keivan G.; Torres, Guillermo; **Kounkel, Marina**; (4 authors); Furlan, E. (2022), *A Low-mass Pre-main-sequence Eclipsing Binary in Lower Centaurus Crux Discovered with TESS*, The Astrophysical Journal, 941, 125, arxiv, **3 citations**
- Capistrant, Benjamin K.; Soares-Furtado, Melinda; Vanderburg, Andrew; **Kounkel, Marina**; (10 authors); Terentev, Ivan A. (2022), *A Population of Dipper Stars from the Transiting Exoplanet Survey Satellite Mission*, The Astrophysical Journal Supplement Series, 263, 14, arxiv, **3 citations**
- Laos, Stefan; Wisniewski, John P.; Kuchner, Marc J.; (4 authors); **Kounkel, Marina**; The Disk Detective Collaboration (2022), *Chandra Observations of Six Peter Pan Disks: Diversity of X-Ray-driven Internal Photoevaporation Rates Does Not Explain Their Rare Longevity*, The Astrophysical Journal, 935, 111, arxiv

- Ha, Trung; Li, Yuan; **Kounkel, Marina**; (2 authors); Zheng, Yong (2022), *Turbulence in Milky Way Star-forming Regions Traced by Young Stars and Gas*, The Astrophysical Journal, 934, 7, arxiv, **12 citations**
- Bonidie, Victoria; Court, Travis; Daher, Christine Mazzola; (10 authors); **Kounkel, Marina**; (5 authors); Troup, Nicholas W. (2022), *Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way*, The Astrophysical Journal, 933, L18, arxiv, **1 citation**
- Andrews, Jeff J.; Curtis, Jason L.; Chanamé, Julio; (2 authors); **Kounkel, Marina**; Covey, Kevin R. (2022), *A Young, Low-density Stellar Stream in the Milky Way Disk: Theia 456*, The Astronomical Journal, 163, 275, arxiv, **13 citations**
- Abdurro'uf; Accetta, Katherine; Aerts, Conny; (150 authors); **Kounkel, Marina**; (186 authors); Zhu, Kai (2022), *The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data*, The Astrophysical Journal Supplement Series, 259, 35, arxiv, **336 citations**
- Serna, Javier; Hernandez, Jesus; **Kounkel, Marina**; (13 authors); Fernández-Trincado, José G. (2021), *Stellar Rotation of T Tauri Stars in the Orion Star-forming Complex*, The Astrophysical Journal, 923, 177, arxiv, **14 citations**
- Beaton, Rachael L.; Oelkers, Ryan J.; Hayes, Christian R.; (26 authors); **Kounkel, Marina**; (30 authors); Zamora, Olga (2021), *Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey*, The Astronomical Journal, 162, 302, arxiv, **42 citations**
- Ringuette, R.; Koutroumpa, D.; Kuntz, K. D.; (3 authors); **Kounkel, M.**; (2 authors); Bluem, J. (2021), *HaloSat Observations of Heliospheric Solar Wind Charge Exchange*, The Astrophysical Journal, 918, 41, **4 citations**
- Medina, N.; Borissova, J.; Kurtev, R.; (3 authors); **Kounkel, Marina**; (6 authors); Hernández, Jesús (2021), *The G 305 Star-forming Region. II. Irregular Variable Stars*, The Astrophysical Journal, 914, 28, arxiv, **4 citations**
- Habel, Nolan M.; Megeath, S. Thomas; Booker, Joseph Jon; Fischer, William J.; **Kounkel, Marina**; (7 authors); Watson, Dan (2021), *An HST Survey of Protostellar Outflow Cavities: Does Feedback Clear Envelopes?*, The Astrophysical Journal, 911, 153, arxiv, **11 citations**
- Stassun, Keivan G.; Torres, Guillermo; Johnston, Cole; (2 authors); **Kounkel, Marina**; Bouma, Luke G. (2021), *Discovery and Characterization of a Rare Magnetic Hybrid β Cephei Slowly Pulsating B-type Star in an Eclipsing Binary in the Young Open Cluster NGC 6193*, The Astrophysical Journal, 910, 133, arxiv, **2 citations**
- Corcoran, Kyle A.; Lewis, Hannah M.; Anguiano, Borja; Majewski, Steven R.; **Kounkel, Marina**; (9 authors); Roman-Lopes, Alexandre (2021), *Analysis of Previously Classified White Dwarf-Main-sequence Binaries Using Data from the APOGEE Survey*, The Astronomical Journal, 161, 143, arxiv, **2 citations**
- Ha, Trung; Li, Yuan; Xu, Siyao; **Kounkel, Marina**; Li, Hui (2021), *Measuring Turbulence with Young Stars in the Orion Complex*, The Astrophysical Journal, 907, L40, arxiv, **24 citations**
- Mazzola, Christine N.; Badenes, Carles; Moe, Maxwell; Kuposov, Sergey E.; **Kounkel, Marina**; (17 authors); Troup, Nicholas W. (2020), *The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances*, Monthly Notices of the Royal Astronomical Society, 499, 1607, arxiv, **32 citations**
- Cunningham, Joni-Marie C.; Feliz, Dax L.; Dixon, Don M.; (9 authors); **Kounkel, Marina** (2020), *A KELT-TESS Eclipsing Binary in a Young Triple System Associated with the Local "Stellar String" Theia 301*, The Astronomical Journal, 160, 187, **1 citation**
- Clark Cunningham, Joni-Marie; Felix, Dax L.; Dixon, Don M.; (6 authors); **Kounkel, Marina** (2020), *A KELT-TESS Eclipsing Binary in a Young Triple System Associated with a "Stellar String" Theia 301*, arXiv e-prints, arXiv:2009.03872, arxiv, **2 citations**
- Cantat-Gaudin, T.; Anders, F.; Castro-Ginard, A.; (9 authors); **Kounkel, M.** (2020), *Painting a portrait of the Galactic disc with its stellar clusters*, Astronomy and Astrophysics, 640, A1, arxiv, **248 citations**
- Ahumada, Romina; Allende Prieto, Carlos; Almeida, Andrés; (140 authors); **Kounkel, Marina**; (169 authors); Zou, Hu (2020), *The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra*, The Astrophysical Journal Supplement Series, 249, 3, arxiv, **834 citations**
- Wendeborn, John; Espaillat, Catherine C.; Macías, Enrique; (5 authors); **Kounkel, Marina** (2020), *A Study of Millimeter Variability in FUor Objects*, The Astrophysical Journal, 897, 54, arxiv, **2 citations**

- Tobin, John J.; Sheehan, Patrick D.; Megeath, S. Thomas; (22 authors); **Kounkel, Marina**; (9 authors); Wyrowski, Friedrich (2020), *The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks*, The Astrophysical Journal, 890, 130, arxiv, **150 citations**
- Tobin, John J.; Megeath, S. Thomas; van't Hoff, Merel; (22 authors); **Kounkel, Marina**; (7 authors); Wyrowski, Friedrich (2019), *The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. I. Identifying and Characterizing the Protostellar Content of the OMC-2 FIR4 and OMC-2 FIR3 Regions*, The Astrophysical Journal, 886, 6, arxiv, **22 citations**
- Galli, P. A. B.; Loinard, L.; Bouy, H.; (7 authors); **Kounkel, M.**; Covey, K. (2019), *Structure and kinematics of the Taurus star-forming region from Gaia-DR2 and VLBI astrometry*, Astronomy and Astrophysics, 630, A137, arxiv, **82 citations**
- Zamora-Avilés, Manuel; Ballesteros-Paredes, Javier; Hernández, Jesús; (2 authors); **Kounkel, Marina** (2019), *Flipping-up the field: gravitational feedback as a mechanism for young clusters dispersal*, Monthly Notices of the Royal Astronomical Society, 488, 3406, arxiv, **16 citations**
- Borissova, Jura; Roman-Lopes, Alexandre; Covey, Kevin; (8 authors); **Kounkel, Marina**; (2 authors); Suárez, Genaro (2019), *The G305 Star-forming Region. I. Newly Classified Hot Stars*, The Astronomical Journal, 158, 46, **8 citations**
- Ospina-Zamudio, J.; Favre, C.; **Kounkel, M.**; (6 authors); Hartmann, L. (2019), *Deuterated methanol toward NGC 7538-IRS1*, Astronomy and Astrophysics, 627, A80, arxiv, **5 citations**
- Tobin, John J.; **Kounkel, Marina**; Offner, Stella; (12 authors); Yang, Yao-Lun (2019), *Astro2020 Science White Paper: The Formation and Evolution of Multiple Star Systems*, arXiv e-prints, arXiv:1904.08442, arxiv
- Megeath, S. Thomas; **Kounkel, Marina**; Offner, Stella; (7 authors); Winston, Elaine (2019), *Low Mass Stars as Tracers of Star Formation in Diverse Environments*, arXiv e-prints, arXiv:1903.08116, arxiv, **1 citation**
- Roman-Lopes, Alexandre; Román-Zúñiga, Carlos G.; Tapia, Mauricio; (7 authors); **Kounkel, Marina**; (4 authors); Trujillo, Juan David (2019), *Massive Stars in the SDSS-IV/APOGEE-2 Survey. II. OB-stars in the W345 Complexes*, The Astrophysical Journal, 873, 66, **5 citations**
- Ortiz-León, Gisela N.; Loinard, Laurent; Dzib, Sergio A.; **Kounkel, Marina**; (7 authors); Mioduszewski, Amy J. (2018), *Gaia-DR2 Confirms VLBA Parallaxes in Ophiuchus, Serpens, and Aquila*, The Astrophysical Journal, 869, L33, arxiv, **88 citations**
- Ortiz-León, Gisela N.; Loinard, Laurent; Dzib, Sergio A.; Galli, Phillip A. B.; **Kounkel, Marina**; (7 authors); Tobin, John J. (2018), *The Gould's Belt Distances Survey (GOBELINS). V. Distances and Kinematics of the Perseus Molecular Cloud*, The Astrophysical Journal, 865, 73, arxiv, **113 citations**
- Skinner, Jacob; Covey, Kevin R.; Bender, Chad F.; (17 authors); **Kounkel, Marina**; (9 authors); Zamora, Olga (2018), *Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample*, The Astronomical Journal, 156, 45, arxiv, **9 citations**
- Cottle, J. 'Neil; Covey, Kevin R.; Suárez, Genaro; (15 authors); **Kounkel, Marina**; (9 authors); Valenti, Jeff (2018), *The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations*, The Astrophysical Journal Supplement Series, 236, 27, arxiv, **25 citations**
- Galli, Phillip A. B.; Loinard, Laurent; Ortiz-León, Gisela N.; **Kounkel, Marina**; (11 authors); Heyer, Mark (2018), *The Gould's Belt Distances Survey (GOBELINS). IV. Distance, Depth, and Kinematics of the Taurus Star-forming Region*, The Astrophysical Journal, 859, 33, arxiv, **80 citations**
- Ortiz-León, Gisela N.; Loinard, Laurent; **Kounkel, Marina A.**; (13 authors); Gudehus, Donald (2017), *The Gould's Belt Distances Survey (GOBELINS). I. Trigonometric Parallax Distances and Depth of the Ophiuchus Complex*, The Astrophysical Journal, 834, 141, arxiv, **134 citations**
- Ortiz-León, Gisela N.; Dzib, Sergio A.; **Kounkel, Marina A.**; (11 authors); Galli, Phillip A. B. (2017), *The Gould's Belt Distances Survey (GOBELINS). III. The Distance to the Serpens/Aquila Molecular Complex*, The Astrophysical Journal, 834, 143, arxiv, **108 citations**
- Dzib, Sergio A.; Loinard, Laurent; Rodríguez, Luis F.; (3 authors); **Kounkel, Marina A.**; (3 authors); Rivera, Juana L. (2017), *Radio Measurements of the Stellar Proper Motions in the Core of the Orion Nebula Cluster*, The Astrophysical Journal, 834, 139, arxiv, **38 citations**
- Pech, Gerardo; Loinard, Laurent; Dzib, Sergio A.; (7 authors); **Kounkel, Marina A.**; (3 authors); Zapata, Luis A. (2016), *The Gould's Belt Very Large Array Survey. V. The Perseus Region*, The Astrophysical Journal, 818, 116, arxiv, **17 citations**

- Ortiz-León, Gisela N.; Loinard, Laurent; Mioduszewski, Amy J.; (10 authors); **Kounkel, Marina A.**; González-Lópezlira, Rosa A. (2015), *The Gould's Belt Very Large Array Survey. II. The Serpens Region*, The Astrophysical Journal, 805, 9, arxiv, **22 citations**
- Dzib, Sergio A.; Loinard, Laurent; Rodríguez, Luis F.; (2 authors); **Kounkel, Marina A.**; (7 authors); Tobin, John (2015), *The Gould's Belt Very Large Array Survey. IV. The Taurus-Auriga Complex*, The Astrophysical Journal, 801, 91, arxiv, **34 citations**
- Fischer, William J.; Megeath, S. Thomas; Tobin, John J.; (2 authors); **Kounkel, Marina**; (6 authors); Watson, Dan M. (2014), *HOPS 136: An Edge-on Orion Protostar near the End of Envelope Infall*, The Astrophysical Journal, 781, 123, arxiv, **7 citations**
- Fischer, William J.; Megeath, S. Thomas; Tobin, John J.; (3 authors); **Kounkel, Marina**; (4 authors); Wilson, T. L. (2012), *Multiwavelength Observations of V2775 Ori, an Outbursting Protostar in L 1641: Exploring the Edge of the FU Orionis Regime*, The Astrophysical Journal, 756, 99, arxiv, **53 citations**