

# Kevin M Flaherty

## List of Publications by Year in descending order

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33  
papers

6,277  
citations

304602

22  
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395590

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g-index

33  
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33  
docs citations

33  
times ranked

9080  
citing authors

#	ARTICLE	IF	CITATIONS
1	CO Line Emission Surfaces and Vertical Structure in Midinclination Protoplanetary Disks. <i>Astrophysical Journal</i> , 2022, 932, 114.	1.6	21
2	Resolving Structure in the Debris Disk around HD 206893 with ALMA. <i>Astrophysical Journal</i> , 2021, 917, 5.	1.6	13
3	A Deep Search for Five Molecules in the 49 Ceti Debris Disk. <i>Astrophysical Journal</i> , 2021, 921, 56.	1.6	3
4	Measuring Turbulent Motion in Planet-forming Disks with ALMA: A Detection around DM Tau and Nondetections around MWC 480 and V4046 Sgr. <i>Astrophysical Journal</i> , 2020, 895, 109.	1.6	103
5	The Inner Disk and Accretion Flow of the Close Binary DQ Tau. <i>Astrophysical Journal</i> , 2019, 877, 29.	1.6	15
6	The Mass of Stirring Bodies in the AU Mic Debris Disk Inferred from Resolved Vertical Structure. <i>Astrophysical Journal</i> , 2019, 875, 87.	1.6	43
7	The Planet Formation Potential around a 45 Myr Old Accreting M Dwarf. <i>Astrophysical Journal</i> , 2019, 872, 92.	1.6	17
8	From Scattered-light to Millimeter Emission: A Comprehensive View of the Gigayear-old System of HD 202628 and its Eccentric Debris Ring. <i>Astronomical Journal</i> , 2019, 158, 162.	1.9	27
9	Modeling the Spatial Distribution and Origin of CO Gas in Debris Disks. <i>Astrophysical Journal</i> , 2019, 878, 113.	1.6	10
10	Turbulence in the TW Hya Disk. <i>Astrophysical Journal</i> , 2018, 856, 117.	1.6	149
11	A quantitative method for staging mouse embryos based on limb morphometry. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	16
12	Origin of Weak Turbulence in the Outer Regions of Protoplanetary Disks. <i>Astrophysical Journal</i> , 2018, 865, 10.	1.6	40
13	Itâ€™s about Time: Ossification Center Formation in C57BL/6 Mice from E12â€™E16. <i>Journal of Developmental Biology</i> , 2018, 6, 31.	0.9	8
14	Diagnosis of Idiopathic Pulmonary Fibrosis. An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, e44-e68.	2.5	2,678
15	Radial Surface Density Profiles of Gas and Dust in the Debris Disk around 49 Ceti. <i>Astrophysical Journal</i> , 2017, 839, 86.	1.6	70
16	ALMA Observations of Asymmetric Molecular Gas Emission from a Protoplanetary Disk in the Orion Nebula. <i>Astronomical Journal</i> , 2017, 153, 233.	1.9	3
17	A Three-dimensional View of Turbulence: Constraints on Turbulent Motions in the HD 163296 Protoplanetary Disk Using DCO <sup>+</sup> . <i>Astrophysical Journal</i> , 2017, 843, 150.	1.6	208
18	ALMA 1.3 mm Map of the HD 95086 System. <i>Astronomical Journal</i> , 2017, 154, 225.	1.9	56

#	ARTICLE	IF	CITATIONS
19	IN-SYNC. V. Stellar Kinematics and Dynamics in the Orion A Molecular Cloud. <i>Astrophysical Journal</i> , 2017, 845, 105.	1.6	40
20	IN-SYNC. IV. THE YOUNG STELLAR POPULATION IN THE ORION A MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2016, 818, 59.	1.6	82
21	SPITZER OBSERVATIONS OF LONG-TERM INFRARED VARIABILITY AMONG YOUNG STELLAR OBJECTS IN CHAMAELEON I. <i>Astrophysical Journal</i> , 2016, 833, 104.	1.6	19
22	DEBRIS DISKS IN THE SCORPIUS-CENTAURUS OB ASSOCIATION RESOLVED BY ALMA. <i>Astrophysical Journal</i> , 2016, 828, 25.	1.6	81
23	RESOLVED CO GAS INTERIOR TO THE DUST RINGS OF THE HD 141569 DISK. <i>Astrophysical Journal</i> , 2016, 818, 97.	1.6	24
24	WEAK TURBULENCE IN THE HD 163296 PROTOPLANETARY DISK REVEALED BY ALMA CO OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 813, 99.	1.6	208
25	SIGNATURES OF MRI-DRIVEN TURBULENCE IN PROTOPLANETARY DISKS: PREDICTIONS FOR ALMA OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 808, 180.	1.6	44
26	IN-SYNC. II. VIRIAL STARS FROM SUBVIRIAL CORES—THE VELOCITY DISPERSION OF EMBEDDED PRE-MAIN-SEQUENCE STARS IN NGC 1333. <i>Astrophysical Journal</i> , 2015, 799, 136.	1.6	88
27	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal</i> , Supplement Series, 2015, 219, 12.	3.0	1,877
28	IN-SYNC. III. THE DYNAMICAL STATE OF IC 348—A SUPER-VIRIAL VELOCITY DISPERSION AND A PUZZLING SIGN OF CONVERGENCE. <i>Astrophysical Journal</i> , 2015, 807, 27.	1.6	48
29	IN-SYNC I: HOMOGENEOUS STELLAR PARAMETERS FROM HIGH-RESOLUTION APOGEE SPECTRA FOR THOUSANDS OF PRE-MAIN SEQUENCE STARS. <i>Astrophysical Journal</i> , 2014, 794, 125.	1.6	77
30	THE EXTRAORDINARY FAR-INFRARED VARIATION OF A PROTOSTAR: <i>HERSCHEL</i> /PACS OBSERVATIONS OF LRL54361. <i>Astrophysical Journal Letters</i> , 2014, 789, L38.	3.0	4
31	Pulsed accretion in a variable protostar. <i>Nature</i> , 2013, 493, 378-380.	13.7	42
32	YOUNG STELLAR OBJECTS IN LYND 1641: DISKS, ACCRETION, AND STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , Supplement Series, 2013, 207, 5.	3.0	94
33	EVIDENCE FOR DYNAMICAL CHANGES IN A TRANSITIONAL PROTOPLANETARY DISK WITH MID-INFRARED VARIABILITY. <i>Astrophysical Journal</i> , 2009, 704, L15-L19.	1.6	69