

Carl Melis

List of Publications by Year in descending order

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papers

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257450

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254184

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48
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2317
citing authors

#	ARTICLE	IF	CITATIONS
1	THE VLA NASCENT DISK AND MULTIPLICITY SURVEY OF PERSEUS PROTOSTARS (VANDAM). II. MULTIPLICITY OF PROTOSTARS IN THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2016, 818, 73.	4.5	201
2	A triple protostar system formed via fragmentation of a gravitationally unstable disk. <i>Nature</i> , 2016, 538, 483-486.	27.8	188
3	AN ALUMINUM/CALCIUM-RICH, IRON-POOR, WHITE DWARF STAR: EVIDENCE FOR AN EXTRASOLAR PLANETARY LITHOSPHERE?. <i>Astrophysical Journal</i> , 2011, 739, 101.	4.5	111
4	A giant planet candidate transiting a white dwarf. <i>Nature</i> , 2020, 585, 363-367.	27.8	111
5	A VLBI resolution of the Pleiades distance controversy. <i>Science</i> , 2014, 345, 1029-1032.	12.6	106
6	The VLA Nascent Disk and Multiplicity Survey of Perseus Protostars (VANDAM). IV. Free-Free Emission from Protostars: Links to Infrared Properties, Outflow Tracers, and Protostellar Disk Masses. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 19.	7.7	103
7	Rapid disappearance of a warm, dusty circumstellar disk. <i>Nature</i> , 2012, 487, 74-76.	27.8	90
8	ACCRETION OF A TERRESTRIAL-LIKE MINOR PLANET BY A WHITE DWARF. <i>Astrophysical Journal</i> , 2011, 732, 90.	4.5	89
9	DOES A DIFFERENTIATED, CARBONATE-RICH, ROCKY OBJECT POLLUTE THE WHITE DWARF SDSS J104341.53+085558.2?. <i>Astrophysical Journal</i> , 2017, 834, 1.	4.5	75
10	GASEOUS MATERIAL ORBITING THE POLLUTED, DUSTY WHITE DWARF HE 1349-2305. <i>Astrophysical Journal Letters</i> , 2012, 751, L4.	8.3	59
11	STELLAR MEMBERSHIP AND DUSTY DEBRIS DISKS IN THE \pm PERSEI CLUSTER. <i>Astrophysical Journal</i> , 2012, 752, 58.	4.5	59
12	The VLA Nascent Disk and Multiplicity Survey of Perseus Protostars (VANDAM). V. 18 Candidate Disks around Class 0 and I Protostars in the Perseus Molecular Cloud. <i>Astrophysical Journal</i> , 2018, 866, 161.	4.5	58
13	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Perseus Protostars. VI. Characterizing the Formation Mechanism for Close Multiple Systems. <i>Astrophysical Journal</i> , 2018, 867, 43.	4.5	52
14	COPIOUS AMOUNTS OF HOT AND COLD DUST ORBITING THE MAIN SEQUENCE A-TYPE STARS HD 131488 AND HD 121191. <i>Astrophysical Journal</i> , 2013, 778, 12.	4.5	50
15	THE VLA NASCENT DISK AND MULTIPLICITY SURVEY: FIRST LOOK AT RESOLVED CANDIDATE DISKS AROUND CLASS 0 AND I PROTOSTARS IN THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal Letters</i> , 2016, 817, L14.	8.3	49
16	HIGH-RESOLUTION 8 mm AND 1 cm POLARIZATION OF IRAS 4A FROM THE VLA NASCENT DISK AND MULTIPLICITY (VANDAM) SURVEY. <i>Astrophysical Journal Letters</i> , 2015, 814, L28.	8.3	48
17	Compositions of Planetary Debris around Dusty White Dwarfs. <i>Astronomical Journal</i> , 2019, 158, 242.	4.7	48
18	THE VLA NASCENT DISK AND MULTIPLICITY (VANDAM) SURVEY OF PERSEUS PROTOSTARS. RESOLVING THE SUB-ARCSECOND BINARY SYSTEM IN NGC 1333 IRAS2A. <i>Astrophysical Journal</i> , 2015, 798, 61.	4.5	44

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19	WISE J072003.20-084651.2: AN OLD AND ACTIVE M9.5 + T5 SPECTRAL BINARY 6 pc FROM THE SUN. <i>Astronomical Journal</i> , 2015, 149, 104.	4.7	44
20	PARALLAX OF GALACTIC CEPHEIDS FROM SPATIALLY SCANNING THE WIDE FIELD CAMERA 3 ON THE HUBBLE SPACE TELESCOPE: THE CASE OF SS CANIS MAJORIS. <i>Astrophysical Journal</i> , 2016, 825, 11.	4.5	44
21	HERSCHEL OBSERVATIONS OF DUSTY DEBRIS DISKS. <i>Astrophysical Journal</i> , 2016, 833, 263.	4.5	41
22	MASS ASSEMBLY OF STELLAR SYSTEMS AND THEIR EVOLUTION WITH THE SMA (MASSES). MULTIPLICITY AND THE PHYSICAL ENVIRONMENT IN L1448N. <i>Astrophysical Journal</i> , 2015, 814, 114.	4.5	34
23	Is the Young Star RZ Piscium Consuming Its Own (Planetary) Offspring?. <i>Astronomical Journal</i> , 2018, 155, 33.	4.7	34
24	More Rapidly Rotating PMS M Dwarfs with Light Curves Suggestive of Orbiting Clouds of Material. <i>Astronomical Journal</i> , 2018, 155, 63.	4.7	31
25	DETECTION OF RADIO EMISSION FROM THE HYPERACTIVE L DWARF 2MASS J13153094+2649513AB. <i>Astrophysical Journal Letters</i> , 2013, 762, L3.	8.3	26
26	RADIO EMISSION AND ORBITAL MOTION FROM THE CLOSE-ENCOUNTER STAR+ BROWN DWARF BINARY WISE J072003.20+084651.2. <i>Astronomical Journal</i> , 2015, 150, 180.	4.7	25
27	Discovery of Beryllium in White Dwarfs Polluted by Planetesimal Accretion. <i>Astrophysical Journal</i> , 2021, 914, 61.	4.5	25
28	Recurring Planetary Debris Transits and Circumstellar Gas around White Dwarf ZTF J0328+1219. <i>Astrophysical Journal</i> , 2021, 917, 41.	4.5	24
29	A SUBSTELLAR COMPANION TO THE DUSTY PLEIADES STAR HD 23514. <i>Astrophysical Journal</i> , 2012, 748, 30.	4.5	21
30	Serendipitous Discovery of Nine White Dwarfs with Gaseous Debris Disks. <i>Astrophysical Journal</i> , 2020, 905, 56.	4.5	21
31	THE NEARBY, YOUNG, ISOLATED, DUSTY STAR HD 166191. <i>Astrophysical Journal</i> , 2013, 777, 78.	4.5	17
32	The VLA Nascent Disk And Multiplicity Survey of Perseus Protostars (VANDAM). III. Extended Radio Emission from Protostars in Perseus. <i>Astrophysical Journal</i> , 2018, 852, 18.	4.5	16
33	Host-star and exoplanet compositions: a pilot study using a wide binary with a polluted white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1877-1883.	4.4	15
34	THE DEEPEST CONSTRAINTS ON RADIO AND X-RAY MAGNETIC ACTIVITY IN ULTRACOOL DWARFS FROM WISE J104915.57-531906.1. <i>Astrophysical Journal Letters</i> , 2015, 805, L3.	8.3	14
35	Mid-infrared Studies of HD 113766 and HD 172555: Assessing Variability in the Terrestrial Zone of Young Exoplanetary Systems. <i>Astrophysical Journal</i> , 2020, 898, 21.	4.5	14
36	Collisions in a gas-rich white dwarf planetary debris disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 432-440.	4.4	11

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37	Extreme Variability of the V488 Persei Debris Disk. <i>Astrophysical Journal</i> , 2021, 918, 71.	4.5	10
38	Atmospheric Temperature Inversions and He i 5876 Core Profile Structure in White Dwarfs. <i>Astrophysical Journal</i> , 2020, 900, 2.	4.5	10
39	Highly Structured Inner Planetary System Debris around the Intermediate Age Sun-like Star TYC 8830 410 1. <i>Astrophysical Journal</i> , 2021, 923, 90.	4.5	9
40	Rise of the Phoenix Giants: A Rich History of Dusty Post-merger Stellar Remnants. <i>Research Notes of the AAS</i> , 2020, 4, 238.	0.7	4
41	Toward a VLBI resolution of the Pleiades distance controversy. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 60-65.	0.0	2
42	Can the Dustiest Main Sequence Stars Tell Us About the Rocky Planet Formation Process?. <i>Proceedings of the International Astronomical Union</i> , 2015, 10, 241-246.	0.0	2
43	Ultraviolet Flux Decrease Under a Grand Minimum from IUE Short-wavelength Observation of Solar Analogs. <i>Astrophysical Journal Letters</i> , 2018, 852, L4.	8.3	2
44	Dynamical Masses for the Pleiades Binary System HII-2147. <i>Astrophysical Journal</i> , 2020, 898, 2.	4.5	2
45	The First Polluted White Dwarf from Gaia DR2: The Cool DAZ Gaia J1738â€œ0826. <i>Research Notes of the AAS</i> , 2018, 2, 64.	0.7	2
46	V488 Per Revisited: No Strong Mid-infrared Emission Features and No Evidence for Stellar/substellar Companions. <i>Astrophysical Journal</i> , 2021, 922, 75.	4.5	2
47	Coronal and Chromospheric Emission in A-type Stars. <i>Astronomical Journal</i> , 2022, 164, 8.	4.7	2
48	Determining the Origin of Inner Planetary System Debris Orbiting the Dustiest Main Sequence Stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 273-277.	0.0	0