

Kevin Luhman

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

7,703
citations

44069

48
h-index

64796

79
g-index

81
all docs

81
docs citations

81
times ranked

2801
citing authors

#	ARTICLE	IF	CITATIONS
1	A Census of Stars and Disks in Corona Australis*. <i>Astronomical Journal</i> , 2022, 163, 64.	4.7	11
2	A Census of the Stellar Populations in the Sco-Cen Complex*. <i>Astronomical Journal</i> , 2022, 163, 24.	4.7	20
3	Spectroscopy of Candidate Members of the Sco-Cen Complex*. <i>Astronomical Journal</i> , 2022, 163, 26.	4.7	2
4	A Census of the Circumstellar Disk Populations in the Sco-Cen Complex*. <i>Astronomical Journal</i> , 2022, 163, 25.	4.7	18
5	The Initial Mass Function of Low-mass Stars and Brown Dwarfs in the W3 Complex. <i>Astronomical Journal</i> , 2021, 161, 138.	4.7	1
6	Refining the Census of the Upper Scorpius Association with Gaia*. <i>Astronomical Journal</i> , 2020, 160, 44.	4.7	62
7	A Survey for New Stars and Brown Dwarfs in the Ophiuchus Star-forming Complex. <i>Astronomical Journal</i> , 2020, 159, 282.	4.7	25
8	New Candidates for Planetary-mass Brown Dwarfs in IC 348. <i>Astronomical Journal</i> , 2020, 160, 57.	4.7	9
9	A Gaia Survey for Young Stars Associated with the Lupus Clouds*. <i>Astronomical Journal</i> , 2020, 160, 186.	4.7	15
10	A Survey for New Members of Taurus from Stellar to Planetary Masses. <i>Astronomical Journal</i> , 2019, 158, 54.	4.7	51
11	A WISE Survey of Circumstellar Disks in the Upper Scorpius Association*. <i>Astronomical Journal</i> , 2018, 156, 75.	4.7	36
12	The Stellar Membership of the Taurus Star-forming Region*. <i>Astronomical Journal</i> , 2018, 156, 271.	4.7	100
13	New Young Stars and Brown Dwarfs in the Upper Scorpius Association. <i>Astronomical Journal</i> , 2018, 156, 76.	4.7	39
14	Discovery of Extended Infrared Emission around the Neutron Star RXJ0806.4-4123*. <i>Astrophysical Journal</i> , 2018, 865, 1.	4.5	21
15	A SURVEY FOR NEW MEMBERS OF THE TAURUS STAR-FORMING REGION WITH THE SLOAN DIGITAL SKY SURVEY*. <i>Astronomical Journal</i> , 2017, 153, 46.	4.7	66
16	The Y-type Brown Dwarfs: Estimates of Mass and Age from New Astrometry, Homogenized Photometry, and Near-infrared Spectroscopy. <i>Astrophysical Journal</i> , 2017, 842, 118.	4.5	58
17	New Evidence for the Dynamical Decay of a Multiple System in the Orion Kleinmann-Low Nebula*. <i>Astrophysical Journal Letters</i> , 2017, 838, L3.	8.3	27
18	A Survey for Planetary-mass Brown Dwarfs in the Chamaeleon I Star-forming Region. <i>Astronomical Journal</i> , 2017, 154, 46.	4.7	42

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19	A Survey For Planetary-mass Brown Dwarfs in the Taurus and Perseus Star-forming Regions*. <i>Astronomical Journal</i> , 2017, 154, 134.	4.7	63
20	THE SPECTRAL ENERGY DISTRIBUTION OF THE COLDEST KNOWN BROWN DWARF*. <i>Astronomical Journal</i> , 2016, 152, 78.	4.7	33
21	A CENSUS OF YOUNG STARS AND BROWN DWARFS IN IC 348 AND NGC 1333*. <i>Astrophysical Journal</i> , 2016, 827, 52.	4.5	82
22	PHOTOMETRIC MONITORING OF THE COLDEST KNOWN BROWN DWARF WITH THE SPITZER SPACE TELESCOPE*. <i>Astrophysical Journal</i> , 2016, 832, 58.	4.5	47
23	Gemini <i>J</i> band observations of RX J0806.4â€“4123. <i>Astronomische Nachrichten</i> , 2016, 337, 576-580.	1.2	2
24	MEASURING HIGH-PRECISION ASTROMETRY WITH THE INFRARED ARRAY CAMERA ON THE SPITZER SPACE TELESCOPE*. <i>Astronomical Journal</i> , 2016, 151, 9.	4.7	12
25	A SEARCH FOR SUBSTELLAR COMPANIONS TO THE TWO NEAREST BROWN DWARF SYSTEMS. <i>Astronomical Journal</i> , 2015, 150, 62.	4.7	5
26	A NEW PARALLAX MEASUREMENT FOR THE COLDEST KNOWN BROWN DWARF. <i>Astrophysical Journal</i> , 2014, 796, 6.	4.5	23
27	A SEARCH FOR A DISTANT COMPANION TO THE SUN WITH THE <i>WIDE-FIELD INFRARED SURVEY EXPLORER</i> . <i>Astrophysical Journal</i> , 2014, 781, 4.	4.5	76
28	A SEARCH FOR COMPANIONS TO BROWN DWARFS IN THE TAURUS AND CHAMAELEON STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2014, 788, 40.	4.5	26
29	A <i>WISE</i> SURVEY OF CIRCUMSTELLAR DISKS IN TAURUS. <i>Astrophysical Journal</i> , 2014, 784, 126.	4.5	65
30	CHARACTERIZATION OF HIGH PROPER MOTION OBJECTS FROM THE <i>WIDE-FIELD INFRARED SURVEY EXPLORER</i> . <i>Astrophysical Journal</i> , 2014, 787, 126.	4.5	39
31	NEAR-INFRARED DETECTION OF WD 0806-661 B WITH THE <i>HUBBLE SPACE TELESCOPE</i> . <i>Astrophysical Journal</i> , 2014, 794, 16.	4.5	12
32	DISCOVERY OF A ≈ 250 K BROWN DWARF AT 2 pc FROM THE SUN. <i>Astrophysical Journal Letters</i> , 2014, 786, L18.	8.3	136
33	RESOLVED NEAR-INFRARED SPECTROSCOPY OF WISE J104915.57â€“531906.1AB: A FLUX-REVERSAL BINARY AT THE L DWARF/T DWARF TRANSITION. <i>Astrophysical Journal</i> , 2013, 772, 129.	4.5	87
34	DISCOVERY OF A BINARY BROWN DWARF AT 2 pc FROM THE SUN. <i>Astrophysical Journal Letters</i> , 2013, 767, L1.	8.3	157
35	THE DISK POPULATION OF THE UPPER SCORPIUS ASSOCIATION. <i>Astrophysical Journal</i> , 2012, 758, 31.	4.5	189
36	YSOVAR: SIX PRE-MAIN-SEQUENCE ECLIPSING BINARIES IN THE ORION NEBULA CLUSTER. <i>Astrophysical Journal</i> , 2012, 753, 149.	4.5	36

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37	CONFIRMATION OF ONE OF THE COLDEST KNOWN BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 744, 135.	4.5	50
38	THE <i>SPITZER</i> INFRARED SPECTROGRAPH SURVEY OF T TAURI STARS IN TAURUS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 195, 3.	7.7	129
39	DISCOVERY OF A CANDIDATE FOR THE COOLEST KNOWN BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2011, 730, L9.	8.3	139
40	THE DISK POPULATION OF THE TAURUS STAR-FORMING REGION. <i>Astrophysical Journal</i> , Supplement Series, 2010, 186, 111-174.	7.7	323
41	DISCOVERY OF A PLANETARY-MASS COMPANION TO A BROWN DWARF IN TAURUS. <i>Astrophysical Journal Letters</i> , 2010, 714, L84-L88.	8.3	113
42	THE EVOLUTIONARY STATE OF THE PRE-MAIN SEQUENCE POPULATION IN OPHIUCHUS: A LARGE INFRARED SPECTROGRAPH SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2010, 188, 75-122.	7.7	108
43	AN INFRARED/X-RAY SURVEY FOR NEW MEMBERS OF THE TAURUS STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2009, 703, 399-419.	4.5	156
44	DISCOVERY OF A WIDE BINARY BROWN DWARF BORN IN ISOLATION. <i>Astrophysical Journal</i> , 2009, 691, 1265-1275.	4.5	96
45	Studying Planet Formation around Low-Mass Stars and Brown Dwarfs through Observations of their Circumstellar Disks. , 2009, , .		2
46	New Low-Mass Stars and Brown Dwarfs with Disks in the Chamaeleon I Star-Forming Region. <i>Astrophysical Journal</i> , 2008, 684, 654-662.	4.5	75
47	The Disk Population of the Chamaeleon I Star-Forming Region. <i>Astrophysical Journal</i> , 2008, 675, 1375-1406.	4.5	167
48	Characterizing Young Brown Dwarfs Using Low-Resolution Near-Infrared Spectra. <i>Astrophysical Journal</i> , 2007, 657, 511-520.	4.5	172
49	A <i>Spitzer</i> Census of the IC 348 Nebula. <i>Astronomical Journal</i> , 2007, 134, 411-444.	4.7	134
50	New Low-Mass Stars and Brown Dwarfs with Disks in Lupus. <i>Astrophysical Journal</i> , 2007, 655, 1095-1102.	4.5	41
51	Ophiuchus 1622 [~] 2405: Not a Planetary-Mass Binary. <i>Astrophysical Journal</i> , 2007, 659, 1629-1636.	4.5	44
52	The Stellar Population of the Chamaeleon I Star-Forming Region. <i>Astrophysical Journal</i> , Supplement Series, 2007, 173, 104-136.	7.7	220
53	<i>Hubble</i> and <i>Spitzer</i> Observations of an Edge-on Circumstellar Disk around a Brown Dwarf. <i>Astrophysical Journal</i> , 2007, 666, 1219-1225.	4.5	58
54	<i>Spitzer</i> Observations of IC 348: The Disk Population at 2-3 Million Years. <i>Astronomical Journal</i> , 2006, 131, 1574-1607.	4.7	371

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55	A Survey for New Members of Taurus with the Spitzer Space Telescope. <i>Astrophysical Journal</i> , 2006, 647, 1180-1191.	4.5	98
56	Discovery of a Young Substellar Companion in Chamaeleon. <i>Astrophysical Journal</i> , 2006, 649, 894-899.	4.5	99
57	Testing Theoretical Evolutionary Models with AB Doradus C and the Initial Mass Function. <i>Astrophysical Journal</i> , 2006, 638, 887-896.	4.5	25
58	The Spatial Distribution of Brown Dwarfs in Taurus. <i>Astrophysical Journal</i> , 2006, 645, 676-687.	4.5	82
59	Discovery of a Wide, Low-Mass Binary System in Upper Scorpius. <i>Astrophysical Journal</i> , 2005, 633, L41-L44.	4.5	18
60	FLAMINGOS Spectroscopy of New Low-Mass Members of the Young Cluster IC 348. <i>Astrophysical Journal</i> , 2005, 618, 810-816.	4.5	28
61	Discovery of a Planetary-Mass Brown Dwarf with a Circumstellar Disk. <i>Astrophysical Journal</i> , 2005, 635, L93-L96.	4.5	87
62	A Hubble Space Telescope Search for Substellar Companions in the Young Cluster IC 348. <i>Astrophysical Journal</i> , 2005, 623, 1141-1156.	4.5	38
63	IRAC Observations of Taurus Pre-Main Sequence Stars. <i>Astrophysical Journal</i> , 2005, 629, 881-896.	4.5	255
64	The Disk Fractions of Brown Dwarfs in IC 348 and Chamaeleon I. <i>Astrophysical Journal</i> , 2005, 631, L69-L72.	4.5	76
65	New Brown Dwarfs and an Updated Initial Mass Function in Taurus. <i>Astrophysical Journal</i> , 2004, 617, 1216-1232.	4.5	202
66	A Census of the Chamaeleon I Star-forming Region. <i>Astrophysical Journal</i> , 2004, 602, 816-842.	4.5	178
67	Spectroscopy of Candidate Members of the $\hat{\iota}$ -Chamaeleontis and MBM 12 Young Associations. <i>Astrophysical Journal</i> , 2004, 609, 917-924.	4.5	81
68	Spectroscopic Confirmation of the Least Massive Known Brown Dwarf in Chamaeleon. <i>Astrophysical Journal</i> , 2004, 617, 565-568.	4.5	43
69	The First Discovery of a Wide Binary Brown Dwarf. <i>Astrophysical Journal</i> , 2004, 614, 398-403.	4.5	93
70	A Census of the Young Cluster IC 348. <i>Astrophysical Journal</i> , 2003, 593, 1093-1115.	4.5	519
71	New Low-Mass Members of the Taurus Star-forming Region. <i>Astrophysical Journal</i> , 2003, 590, 348-356.	4.5	153
72	The Initial Mass Function in the Taurus Star-forming Region. <i>Astrophysical Journal</i> , 2002, 580, 317-335.	4.5	299

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73	The Initial Mass Function of Low-Mass Stars and Brown Dwarfs in Young Clusters. <i>Astrophysical Journal</i> , 2000, 540, 1016-1040.	4.5	239
74	The Initial Mass Function of Low-Mass Stars and Brown Dwarfs in Taurus. <i>Astrophysical Journal</i> , 2000, 544, 1044-1055.	4.5	117
75	Low-Mass Star Formation and the Initial Mass Function in the ρ -Ophiuchi Cloud Core. <i>Astrophysical Journal</i> , 1999, 525, 440-465.	4.5	233
76	Young Low-Mass Stars and Brown Dwarfs in IC 348. <i>Astrophysical Journal</i> , 1999, 525, 466-481.	4.5	295
77	Keck Spectra of Brown Dwarf Candidates and a Precise Determination of the Lithium Depletion Boundary in the ρ Persei Open Cluster. <i>Astrophysical Journal</i> , 1999, 527, 219-229.	4.5	124
78	The Low-Mass Initial Mass Function in Young Clusters: L1495E. <i>Astrophysical Journal</i> , 1998, 497, 354-369.	4.5	83
79	A Young Star near the Hydrogen-burning Limit. <i>Astrophysical Journal</i> , 1998, 493, 909-913.	4.5	55
80	Spectroscopy of a Young Brown Dwarf in the ρ -Ophiuchi Cluster. <i>Astrophysical Journal</i> , 1997, 489, L165-L168.	4.5	92