

Dan M Watson

List of Publications by Year in descending order

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31
papers

1,921
citations

304743

22
h-index

434195

31
g-index

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all docs

31
docs citations

31
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	The Truncated Disk of CoKu Tau/4. <i>Astrophysical Journal</i> , 2005, 621, 461-472.	4.5	200
2	A <i>SPITZER</i> IRS STUDY OF INFRARED VARIABILITY IN TRANSITIONAL AND PRE-TRANSITIONAL DISKS AROUND T TAURI STARS. <i>Astrophysical Journal</i> , 2011, 728, 49.	4.5	157
3	ASTEROID BELTS IN DEBRIS DISK TWINS: VEGA AND FOMALHAUT. <i>Astrophysical Journal</i> , 2013, 763, 118.	4.5	145
4	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
5	DISK EVOLUTION IN THE THREE NEARBY STAR-FORMING REGIONS OF TAURUS, CHAMAELEON, AND OPHIUCHUS. <i>Astrophysical Journal</i> , 2009, 703, 1964-1983.	4.5	124
6	CRYSTALLINE SILICATES AND DUST PROCESSING IN THE PROTOPLANETARY DISKS OF THE TAURUS YOUNG CLUSTER. <i>Astrophysical Journal</i> , Supplement Series, 2009, 180, 84-101.	7.7	120
7	Spitzer Observations of HH 54 and HH 7â€“11: Mapping the H ₂ Orthoâ€“Para Ratio in Shocked Molecular Gas. <i>Astrophysical Journal</i> , 2006, 649, 816-835.	4.5	105
8	The Intrinsic Properties of the Stellar Clusters in the M82 Starburst Complex: Propagating Star Formation?. <i>Astrophysical Journal</i> , 1997, 483, 148-160.	4.5	95
9	DUST PROCESSING AND GRAIN GROWTH IN PROTOPLANETARY DISKS IN THE TAURUS-AURIGA STAR-FORMING REGION. <i>Astrophysical Journal</i> , Supplement Series, 2009, 182, 477-508.	7.7	85
10	MID-INFRARED SPECTRA OF TRANSITIONAL DISKS IN THE CHAMAELEON I CLOUD. <i>Astrophysical Journal</i> , 2009, 700, 1017-1025.	4.5	69
11	THE <i>SPITZER</i> INFRARED SPECTROGRAPH DEBRIS DISK CATALOG. II. SILICATE FEATURE ANALYSIS OF UNRESOLVED TARGETS. <i>Astrophysical Journal</i> , 2015, 798, 87.	4.5	62
12	Germanium blockedâ€“impurityâ€“band detector arrays: Unpassivated devices with bulk substrates. <i>Journal of Applied Physics</i> , 1993, 74, 4199-4206.	2.5	59
13	<i>SPITZER</i> INFRARED SPECTROGRAPH SURVEY OF YOUNG STARS IN THE CHAMAELEON I STAR-FORMING REGION. <i>Astrophysical Journal</i> , Supplement Series, 2011, 193, 11.	7.7	58
14	<i>Hubble</i> and <i>Spitzer</i> Observations of an Edgeâ€“on Circumstellar Disk around a Brown Dwarf. <i>Astrophysical Journal</i> , 2007, 666, 1219-1225.	4.5	58
15	The development of a protoplanetary disk from its natal envelope. <i>Nature</i> , 2007, 448, 1026-1028.	27.8	57
16	<i>SPITZER</i> MAPPING OF MOLECULAR HYDROGEN PURE ROTATIONAL LINES IN NGC 1333: A DETAILED STUDY OF FEEDBACK IN STAR FORMATION. <i>Astrophysical Journal</i> , 2009, 698, 1244-1260.	4.5	51
17	SOLAR SYSTEM ANALOGS AROUND <i>IRAS</i> -DISCOVERED DEBRIS DISKS. <i>Astrophysical Journal</i> , 2009, 701, 1367-1372.	4.5	49
18	TRANSITIONAL DISKS AND THEIR ORIGINS: AN INFRARED SPECTROSCOPIC SURVEY OF ORION A. <i>Astrophysical Journal</i> , 2013, 769, 149.	4.5	47

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19	High Spatial Resolution Fabry-Perot Imaging of M82: Near-Infrared Recombination Line Observations. <i>Astrophysical Journal</i> , 1995, 448, 611.	4.5	46
20	First Fruits of the Spitzer Space Telescope: Galactic and Solar System Studies. <i>Annual Review of Astronomy and Astrophysics</i> , 2006, 44, 269-321.	24.3	42
21	Spitzer Observations of Hydrogen Deuteride. <i>Astrophysical Journal</i> , 2006, 647, L33-L36.	4.5	29
22	The Accretion Disk of the Lithium-depleted Young Binary <i>St</i> 34. <i>Astrophysical Journal</i> , 2005, 628, L147-L150.	4.5	27
23	Detection of Extended Hot Water in the Outflow from NGC 2071. <i>Astrophysical Journal</i> , 2008, 683, 876-892.	4.5	20
24	THE SPITZER INFRARED SPECTROGRAPH SURVEY OF PROTOPLANETARY DISKS IN ORION A. I. DISK PROPERTIES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 226, 8.	7.7	17
25	A Sub-AU Outwardly Truncated Accretion Disk around a Classical T Tauri Star. <i>Astrophysical Journal</i> , 2008, 683, L187-L190.	4.5	12
26	Intraocular Pressure-dependent Corneal Elasticity Measurement Using High-frequency Ultrasound. <i>Ultrasonic Imaging</i> , 2019, 41, 251-270.	2.6	11
27	<i>SPITZER</i> SPECTROSCOPY OF THE CIRCUMPRIMARY DISK IN THE BINARY BROWN DWARF 2MASS J04414489+2301513. <i>Astrophysical Journal Letters</i> , 2011, 726, L3.	8.3	10
28	EMISSION FROM WATER VAPOR AND ABSORPTION FROM OTHER GASES AT 5-7.5 μ m IN <i>SPITZER</i>-IRS SPECTRA OF PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2014, 792, 83.	4.5	10
29	V819 TAU: A RARE WEAK-LINED T TAURI STAR WITH A WEAK INFRARED EXCESS. <i>Astrophysical Journal</i> , 2009, 706, 1194-1200.	4.5	9
30	A <i>SPITZER</i> IRS SURVEY OF NGC 1333: INSIGHTS INTO DISK EVOLUTION FROM A VERY YOUNG CLUSTER. <i>Astrophysical Journal</i> , Supplement Series, 2012, 201, 12.	7.7	9
31	<i>SPITZER</i> OBSERVATIONS OF SHOCK-EXCITED HYDROGEN DEUTERIDE IN IC 443C, HH 7, AND HH 54: PROBING THE GAS-PHASE DEUTERIUM ABUNDANCE IN THE DENSE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2012, 753, 126.	4.5	9