

Timothy J Rodigas

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,844
citations

361413

20
h-index

454955

30
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31
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31
docs citations

31
times ranked

1453
citing authors

#	ARTICLE	IF	CITATIONS
1	THE FIRST HUNDRED BROWN DWARFS DISCOVERED BY THE <i>WIDE-FIELD INFRARED SURVEY EXPLORER</i> (<i>WISE</i>). <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 19.	7.7	317
2	PROBING FOR EXOPLANETS HIDING IN DUSTY DEBRIS DISKS: DISK IMAGING, CHARACTERIZATION, AND EXPLORATION WITH<i>HST</i>/STIS MULTI-ROLL CORONAGRAPHY. <i>Astronomical Journal</i> , 2014, 148, 59.	4.7	169
3	FIRST LIGHT LBT AO IMAGES OF HR 8799 bcde AT 1.6 AND 3.3 $\hat{1}$ / ₄ m: NEW DISCREPANCIES BETWEEN YOUNG PLANETS AND OLD BROWN DWARFS. <i>Astrophysical Journal</i> , 2012, 753, 14.	4.5	152
4	DIRECT IMAGING CONFIRMATION AND CHARACTERIZATION OF A DUST-ENSHROUDED CANDIDATE EXOPLANET ORBITING FOMALHAUT. <i>Astrophysical Journal Letters</i> , 2012, 760, L32.	8.3	130
5	DIRECTLY IMAGED L-T TRANSITION EXOPLANETS IN THE MID-INFRARED[,]. <i>Astrophysical Journal</i> , 2014, 792, 17.	4.5	112
6	A STUDY OF THE DIVERSE T DWARF POPULATION REVEALED BY <i>WISE</i>. <i>Astrophysical Journal, Supplement Series</i> , 2013, 205, 6.	7.7	107
7	THERMAL INFRARED MMTAO OBSERVATIONS OF THE HR 8799 PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2010, 716, 417-426.	4.5	104
8	MAGELLAN ADAPTIVE OPTICS FIRST-LIGHT OBSERVATIONS OF THE EXOPLANET $\hat{1}$ ² PIC b. I. DIRECT IMAGING IN THE FAR-RED OPTICAL WITH MagAO+VisAO AND IN THE NEAR-IR WITH NICI[,]. <i>Astrophysical Journal</i> , 2014, 786, 32.	4.5	88
9	THE GEMINI NICI PLANET-FINDING CAMPAIGN: THE ORBIT OF THE YOUNG EXOPLANET $\hat{1}$ ² PICTORIS b. <i>Astrophysical Journal</i> , 2014, 794, 158.	4.5	59
10	DOES THE DEBRIS DISK AROUND HD 32297 CONTAIN COMETARY GRAINS?., <i>Astrophysical Journal</i> , 2014, 783, 21.	4.5	57
11	PREDICTIONS FOR SHEPHERDING PLANETS IN SCATTERED LIGHT IMAGES OF DEBRIS DISKS. <i>Astrophysical Journal</i> , 2014, 780, 65.	4.5	51
12	THE GRAY NEEDLE: LARGE GRAINS IN THE HD 15115 DEBRIS DISK FROM LBT/PISCES/<i>Ks</i> AND LBTI /LMIRcam/<i>L</i> ADAPTIVE OPTICS IMAGING. <i>Astrophysical Journal</i> , 2012, 752, 57.	4.5	45
13	ON THE MORPHOLOGY AND CHEMICAL COMPOSITION OF THE HR 4796A DEBRIS DISK. <i>Astrophysical Journal</i> , 2015, 798, 96.	4.5	45
14	WHICH RADIAL VELOCITY EXOPLANETS HAVE UNDETECTED OUTER COMPANIONS?. <i>Astrophysical Journal</i> , 2009, 702, 716-723.	4.5	40
15	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). I. A BENCHMARK M DWARF COMPANION EXCITING A MASSIVE PLANET AROUND THE SUN-LIKE STAR HD 7449*. <i>Astrophysical Journal</i> , 2016, 818, 106.	4.5	40
16	MAGELLAN AO SYSTEM $\hat{2}$, γ_{S} , AND $\hat{2}$ OBSERVATIONS OF THE VERY WIDE 650 AU HD 106906 PLANETARY SYSTEM*. <i>Astrophysical Journal</i> , 2016, 823, 24.	4.5	35
17	DIRECT EXOPLANET DETECTION WITH BINARY DIFFERENTIAL IMAGING. <i>Astrophysical Journal</i> , 2015, 811, 157.	4.5	33
18	DIRECT IMAGING CONSTRAINTS ON THE PUTATIVE EXOPLANET 14 Her C. <i>Astrophysical Journal</i> , 2011, 732, 10.	4.5	31

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19	DISCOVERY OF AN INNER DISK COMPONENT AROUND HD 141569 A*. <i>Astrophysical Journal Letters</i> , 2016, 818, L23.	8.3	31
20	KECK/NIRC2 IMAGING OF THE WARPED, ASYMMETRIC DEBRIS DISK AROUND HD 32297. <i>Astrophysical Journal</i> , 2012, 757, 28.	4.5	29
21	DEEP HST/STIS VISIBLE-LIGHT IMAGING OF DEBRIS SYSTEMS AROUND SOLAR ANALOG HOSTS. <i>Astronomical Journal</i> , 2016, 152, 64.	4.7	29
22	Multiband GPI Imaging of the HR 4796A Debris Disk. <i>Astrophysical Journal</i> , 2020, 898, 55.	4.5	29
23	NEW EXTINCTION AND MASS ESTIMATES FROM OPTICAL PHOTOMETRY OF THE VERY LOW MASS BROWN DWARF COMPANION CT CHAMAELEONTIS B WITH THE MAGELLAN AO SYSTEM. <i>Astrophysical Journal</i> , 2015, 801, 4.	4.5	23
24	NEW EXTINCTION AND MASS ESTIMATES OF THE LOW-MASS COMPANION 1RXS 1609 B WITH THE MAGELLAN AO SYSTEM: EVIDENCE OF AN INCLINED DUST DISK. <i>Astrophysical Journal Letters</i> , 2015, 807, L13.	8.3	22
25	NEW SPATIALLY RESOLVED OBSERVATIONS OF THE T Cha TRANSITION DISK AND CONSTRAINTS ON THE PREVIOUSLY CLAIMED SUBSTELLAR COMPANION. <i>Astrophysical Journal</i> , 2015, 801, 85.	4.5	21
26	THE FIRST CIRCUMSTELLAR DISK IMAGED IN SILHOUETTE AT VISIBLE WAVELENGTHS WITH ADAPTIVE OPTICS: MagAO IMAGING OF ORION 218-354. <i>Astrophysical Journal Letters</i> , 2013, 775, L13.	8.3	13
27	Imaging protoplanets: observing transition disks with non-redundant masking. <i>Proceedings of SPIE</i> , 2016, , .	0.8	10
28	Direct imaging of exoplanets in the habitable zone with adaptive optics. <i>Proceedings of SPIE</i> , 2014, , .	0.8	9
29	L-BAND SPECTROSCOPY WITH MAGELLAN-AO/Clio2: FIRST RESULTS ON YOUNGLOW-MASS COMPANIONS. <i>Astrophysical Journal</i> , 2016, 829, 39.	4.5	8
30	MagAO IMAGING OF LONG-PERIOD OBJECTS (MILO). II. A PUZZLING WHITE DWARF AROUND THE SUN-LIKE STAR HD 11112. <i>Astrophysical Journal</i> , 2016, 831, 177.	4.5	5
31	Visible Light Adaptive Optics Imaging of the Orion 218-354 Silhouette Disk. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 159-160.	0.0	0