

Henning Avenhaus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3018950/publications.pdf>

Version: 2024-02-01

13
papers

1,154
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Disks around T Tauri Stars with SPHERE (DARTTS-S). I. SPHERE/IIRDIS Polarimetric Imaging of Eight Prominent T Tauri Disks*. <i>Astrophysical Journal</i> , 2018, 863, 44.	4.5	225
2	STRUCTURES IN THE PROTOPLANETARY DISK OF HD142527 SEEN IN POLARIZED SCATTERED LIGHT. <i>Astrophysical Journal</i> , 2014, 781, 87.	4.5	194
3	GAPS IN THE HD 169142 PROTOPLANETARY DISK REVEALED BY POLARIMETRIC IMAGING: SIGNS OF ONGOING PLANET FORMATION?. <i>Astrophysical Journal Letters</i> , 2013, 766, L2.	8.3	143
4	DISCOVERY OF A COMPANION CANDIDATE IN THE HD 169142 TRANSITION DISK AND THE POSSIBILITY OF MULTIPLE PLANET FORMATION. <i>Astrophysical Journal Letters</i> , 2014, 792, L23.	8.3	142
5	The newborn planet population emerging from ring-like structures in discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 453-461.	4.4	102
6	HD100546 MULTI-EPOCH SCATTERED LIGHT OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 790, 56.	4.5	87
7	RESOLVED IMAGES OF THE PROTOPLANETARY DISK AROUND HD 100546 WITH ALMA. <i>Astrophysical Journal Letters</i> , 2014, 788, L34.	8.3	71
8	A triple-star system with a misaligned and warped circumstellar disk shaped by disk tearing. <i>Science</i> , 2020, 369, 1233-1238.	12.6	63
9	Variable Dynamics in the Inner Disk of HD 135344B Revealed with Multi-epoch Scattered Light Imaging [^] . <i>Astrophysical Journal</i> , 2017, 849, 143.	4.5	49
10	Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. <i>Astrophysical Journal Letters</i> , 2020, 889, L24.	8.3	42
11	SEARCHING FOR YOUNG JUPITER ANALOGS AROUND AP COL: <i>i>L</i>-BAND HIGH-CONTRAST IMAGING OF THE CLOSEST PRE-MAIN-SEQUENCE STAR. <i>Astrophysical Journal</i>, 2012, 754, 127.</i>	4.5	35
12	Planet-disk interactions in HD 169142? Tracing ellipticity, structures, and offsets. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 241-243.	0.0	1
13	Can a planet explain different cavity sizes for small & large dust grains in transition disks?. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 113-114.	0.0	0