

Glenn Schneider

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,839
citations

159585

30
h-index

182427

51
g-index

61
all docs

61
docs citations

61
times ranked

1726
citing authors

#	ARTICLE	IF	CITATIONS
1	Images of embedded Jovian planet formation at a wide separation around AB Aurigae. <i>Nature Astronomy</i> , 2022, 6, 751-759.	10.1	63
2	ALMA Images the Eccentric HD 53143 Debris Disk. <i>Astrophysical Journal Letters</i> , 2022, 933, L1.	8.3	9
3	Hubble Space Telescope UV and H α Measurements of the Accretion Excess Emission from the Young Giant Planet PDS 70 b. <i>Astronomical Journal</i> , 2021, 161, 244.	4.7	31
4	A Layered Debris Disk around M Star TWA 7 in Scattered Light. <i>Astrophysical Journal</i> , 2021, 914, 95.	4.5	15
5	Cloud Atlas: High-precision HST/WFC3/IR Time-resolved Observations of Directly Imaged Exoplanet HD 106906b. <i>Astronomical Journal</i> , 2020, 159, 140.	4.7	13
6	Cloud Atlas: Weak Color Modulations Due to Rotation in the Planetary-mass Companion GU Psc b and 11 Other Brown Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 125.	4.7	16
7	SCEXAO/CHARIS Near-infrared Integral Field Spectroscopy of the HD 15115 Debris Disk. <i>Astronomical Journal</i> , 2020, 160, 163.	4.7	12
8	Multiband GPI Imaging of the HR 4796A Debris Disk. <i>Astrophysical Journal</i> , 2020, 898, 55.	4.5	29
9	Cloud Atlas: Unraveling the Vertical Cloud Structure with the Time-series Spectrophotometry of an Unusually Red Brown Dwarf. <i>Astrophysical Journal</i> , 2020, 903, 15.	4.5	12
10	Dynamical Evidence of a Spiral Arm “driving Planet in the MWC 758 Protoplanetary Disk. <i>Astrophysical Journal Letters</i> , 2020, 898, L38.	8.3	24
11	A Thousand Earths: A Very Large Aperture, Ultralight Space Telescope Array for Atmospheric Biosignature Surveys. <i>Astronomical Journal</i> , 2019, 158, 83.	4.7	31
12	An Exo “Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64.	4.5	34
13	High-fidelity Imaging of the Inner AU Mic Debris Disk: Evidence of Differential Wind Sculpting?. <i>Astrophysical Journal Letters</i> , 2019, 883, L8.	8.3	14
14	Cloud Atlas: High-contrast Time-resolved Observations of Planetary-mass Companions. <i>Astronomical Journal</i> , 2019, 157, 128.	4.7	21
15	Multiple Rings of Millimeter Dust Emission in the HD 15115 Debris Disk. <i>Astrophysical Journal Letters</i> , 2019, 877, L32.	8.3	29
16	Cloud Atlas: Hubble Space Telescope Near-infrared Spectral Library of Brown Dwarfs, Planetary-mass Companions, and Hot Jupiters. <i>Astronomical Journal</i> , 2019, 157, 101.	4.7	32
17	Cloud Atlas: Rotational Spectral Modulations and Potential Sulfide Clouds in the Planetary-mass, Late T-type Companion Ross 458C. <i>Astrophysical Journal Letters</i> , 2019, 875, L15.	8.3	27
18	Pushing the limits of the coronagraphic occulters on Hubble Space Telescope/Space Telescope Imaging Spectrograph. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	15

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19	Nautilus Observatory: a space telescope array based on very large aperture ultralight diffractive optical elements. , 2019, , .		6
20	Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au. <i>Astronomical Journal</i> , 2019, 158, 181.	4.7	20
21	Cloud Atlas: Variability in and out of the Water Band in the Planetary-mass HD 203030B Points to Cloud Sedimentation in Low-gravity L Dwarfs. <i>Astrophysical Journal</i> , 2019, 883, 181.	4.5	17
22	The HR 4796A Debris System: Discovery of Extensive Exo-ring Dust Material. <i>Astronomical Journal</i> , 2018, 155, 77.	4.7	47
23	Cloud Atlas: Discovery of Rotational Spectral Modulations in a Low-mass, L-type Brown Dwarf Companion to a Star. <i>Astronomical Journal</i> , 2018, 155, 11.	4.7	28
24	Space-based Coronagraphic Imaging Polarimetry of the TW Hydrae Disk: Shedding New Light on Self-shadowing Effects. <i>Astrophysical Journal</i> , 2018, 860, 115.	4.5	11
25	ALMA Detection of Extended Millimeter Halos in the HD 32297 and HD 61005 Debris Disks. <i>Astrophysical Journal</i> , 2018, 869, 75.	4.5	38
26	Cloud Atlas: Rotational Modulations in the L/T Transition Brown Dwarf Companion HN Peg B. <i>Astronomical Journal</i> , 2018, 155, 132.	4.7	27
27	A Decade of MWC 758 Disk Images: Where Are the Spiral-arm-driving Planets?. <i>Astrophysical Journal Letters</i> , 2018, 857, L9.	8.3	22
28	Two Newly Imaged, Faint Protoplanetary Nebulae from Contrast Enhanced Hubble Archival Observations. <i>Research Notes of the AAS</i> , 2018, 2, 219.	0.7	0
29	First Scattered-light Images of the Gas-rich Debris Disk around 49 Ceti. <i>Astrophysical Journal Letters</i> , 2017, 834, L12.	8.3	36
30	Chasing Shadows: Rotation of the Azimuthal Asymmetry in the TW Hya Disk*. <i>Astrophysical Journal</i> , 2017, 835, 205.	4.5	99
31	A Physical Model-based Correction for Charge Traps in the Hubble Space Telescope's Wide Field Camera 3 Near-IR Detector and Its Applications to Transiting Exoplanets and Brown Dwarfs. <i>Astronomical Journal</i> , 2017, 153, 243.	4.7	87
32	DISCOVERY OF AN INNER DISK COMPONENT AROUND HD 141569 A*. <i>Astrophysical Journal Letters</i> , 2016, 818, L23.	8.3	31
33	THE INNER STRUCTURE OF THE TW HYA DISK AS REVEALED IN SCATTERED LIGHT*. <i>Astrophysical Journal Letters</i> , 2016, 819, L1.	8.3	37
34	FIRST IMAGES OF DEBRIS DISKS AROUND TWA 7, TWA 25, HD 35650, AND HD 377. <i>Astrophysical Journal Letters</i> , 2016, 817, L2.	8.3	64
35	Detection and characterization of circumstellar material with a WFIRST or EXO-C coronagraphic instrument: simulations and observational methods. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2016, 2, 011022.	1.8	2
36	CLOUD ATLAS: DISCOVERY OF PATCHY CLOUDS AND HIGH-AMPLITUDE ROTATIONAL MODULATIONS IN A YOUNG, EXTREMELY RED L-TYPE BROWN DWARF. <i>Astrophysical Journal Letters</i> , 2016, 829, L32.	8.3	58

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37	DEEP HST/STIS VISIBLE-LIGHT IMAGING OF DEBRIS SYSTEMS AROUND SOLAR ANALOG HOSTS. <i>Astronomical Journal</i> , 2016, 152, 64.	4.7	29
38	THE PDS 66 CIRCUMSTELLAR DISK AS SEEN IN POLARIZED LIGHT WITH THE GEMINI PLANET IMAGER. <i>Astrophysical Journal Letters</i> , 2016, 818, L15.	8.3	22
39	ON THE MORPHOLOGY AND CHEMICAL COMPOSITION OF THE HR 4796A DEBRIS DISK. <i>Astrophysical Journal</i> , 2015, 798, 96.	4.5	45
40	THE INNER DISK STRUCTURE, DISK-PLANET INTERACTIONS, AND TEMPORAL EVOLUTION IN THE $\hat{\iota}^2$ PICTORIS SYSTEM: A TWO-EPOCH <i>HST</i> /STIS CORONAGRAPHIC STUDY. <i>Astrophysical Journal</i> , 2015, 800, 136.	4.5	47
41	Fast-moving features in the debris disk around AU Microscopii. <i>Nature</i> , 2015, 526, 230-232.	27.8	95
42	<i>AEOLUS</i> : A MARKOV CHAIN MONTE CARLO CODE FOR MAPPING ULTRACOOL ATMOSPHERES. AN APPLICATION ON JUPITER AND BROWN DWARF <i>HST</i> LIGHT CURVES. <i>Astrophysical Journal</i> , 2015, 814, 65.	4.5	37
43	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
44	Archival legacy investigations of circumstellar environments: overview and first results. <i>Proceedings of SPIE</i> , 2014, , .	0.8	30
45	FIVE DEBRIS DISKS NEWLY REVEALED IN SCATTERED LIGHT FROM THE <i>HUBBLE SPACE TELESCOPE</i> /NICMOS ARCHIVE. <i>Astrophysical Journal Letters</i> , 2014, 786, L23.	8.3	60
46	DOES THE DEBRIS DISK AROUND HD 32297 CONTAIN COMETARY GRAINS?., <i>Astrophysical Journal</i> , 2014, 783, 21.	4.5	57
47	REVEALING ASYMMETRIES IN THE HD 181327 DEBRIS DISK: A RECENT MASSIVE COLLISION OR INTERSTELLAR MEDIUM WARPING. <i>Astrophysical Journal</i> , 2014, 789, 58.	4.5	81
48	THE 0.5-2.22 $\hat{\iota}$ 4m SCATTERED LIGHT SPECTRUM OF THE DISK AROUND TW Hya: DETECTION OF A PARTIALLY FILLED DISK GAP AT 80 AU. <i>Astrophysical Journal</i> , 2013, 771, 45.	4.5	112
49	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
50	THE CASE OF AB AURIGAE'S DISK IN POLARIZED LIGHT: IS THERE TRULY A GAP?. <i>Astrophysical Journal</i> , 2009, 707, L132-L136.	4.5	70
51	Complex Organic Materials in the Circumstellar Disk of HR 4796A. <i>Astrophysical Journal</i> , 2008, 673, L191-L194.	4.5	78
52	The Moth: An Unusual Circumstellar Structure Associated with HD 61005. <i>Astrophysical Journal</i> , 2007, 671, L165-L168.	4.5	72
53	Discovery of an 86 AU Radius Debris Ring around HD 181327. <i>Astrophysical Journal</i> , 2006, 650, 414-431.	4.5	102
54	An Infrared Coronagraphic Survey for Substellar Companions. <i>Astronomical Journal</i> , 2005, 130, 1845-1861.	4.7	90

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55	Discovery of a Nearly Edge-on Disk around HD 32297. <i>Astrophysical Journal</i> , 2005, 629, L117-L120.	4.5	65
56	Analysis of Polarized Light with NICMOS. <i>Publications of the Astronomical Society of the Pacific</i> , 2000, 112, 983-995.	3.1	28
57	A Candidate Substellar Companion to CD $\alpha^{\sim}33^{\wedge}7795$ (TWA 5). <i>Astrophysical Journal</i> , 1999, 512, L69-L72.	4.5	110
58	NICMOS Imaging of the HR 4796A Circumstellar Disk. <i>Astrophysical Journal</i> , 1999, 513, L127-L130.	4.5	233
59	Initial On-Orbit Performance of NICMOS. <i>Astrophysical Journal</i> , 1998, 492, L95-L97.	4.5	104