

Esther Buenzli

List of Publications by Year in descending order

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43
papers

2,645
citations

172457

29
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Binocular Telescope Search for Companions and Substructures in the (Pre)transitional Disk of AB Aurigae. <i>Astrophysical Journal</i> , 2022, 926, 71.	4.5	2
2	Spitzer Variability Properties of Low-gravity L Dwarfs. <i>Astronomical Journal</i> , 2020, 160, 38.	4.7	37
3	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. <i>Astronomical Journal</i> , 2018, 156, 286.	4.7	44
4	Simultaneous Multiwavelength Variability Characterization of the Free-floating Planetary-mass Object PSO J318.5âˆ²22. <i>Astronomical Journal</i> , 2018, 155, 95.	4.7	49
5	Zones, spots, and planetary-scale waves beating in brown dwarf atmospheres. <i>Science</i> , 2017, 357, 683-687.	12.6	75
6	Hubble Space Telescope astrometry of the closest brown dwarf binary system â€“ I. Overview and improved orbitâ€¦. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1140-1155.	4.4	15
7	First light of the VLT planet finder SPHERE. <i>Astronomy and Astrophysics</i> , 2016, 587, A55.	5.1	81
8	MAPS OF EVOLVING CLOUD STRUCTURES IN LUHMAN 16AB FROM HST TIME-RESOLVED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 825, 90.	4.5	33
9	The SPHERE view of the planet-forming disk around HD 100546. <i>Astronomy and Astrophysics</i> , 2016, 588, A8.	5.1	72
10	Polarimetry and flux distribution in the debris disk around HDâ€™32297. <i>Astronomy and Astrophysics</i> , 2016, 593, A73.	5.1	14
11	EXTRASOLAR STORMS: PRESSURE-DEPENDENT CHANGES IN LIGHT-CURVE PHASE IN BROWN DWARFS FROM SIMULTANEOUS HST AND SPITZER OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 826, 8.	4.5	77
12	HIGH-CADENCE, HIGH-CONTRAST IMAGING FOR EXOPLANET MAPPING: OBSERVATIONS OF THE HR 8799 PLANETS WITH VLT/SPHERE SATELLITE-SPOT-CORRECTED RELATIVE PHOTOMETRY. <i>Astrophysical Journal</i> , 2016, 820, 40.	4.5	72
13	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS. II. HIGH-AMPLITUDE VARIABILITY FOR LUHMAN 16 A AND B IN AND OUT OF THE 0.99â€”1.04 μm FeH FEATURE. <i>Astrophysical Journal</i> , 2015, 812, 163.	4.5	38
14	OPTICAL IMAGING POLARIMETRY OF THE LkCa 15 PROTOPLANETARY DISK WITH SPHERE ZIMPOL. <i>Astrophysical Journal Letters</i> , 2015, 808, L41.	8.3	81
15	The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs at wide orbits. <i>Astronomy and Astrophysics</i> , 2015, 573, A127.	5.1	83
16	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system. <i>Astronomy and Astrophysics</i> , 2015, 576, A133.	5.1	50
17	Asymmetric features in the protoplanetary disk MWC 758. <i>Astronomy and Astrophysics</i> , 2015, 578, L6.	5.1	230
18	CLOUD STRUCTURE OF THE NEAREST BROWN DWARFS: SPECTROSCOPIC VARIABILITY OF LUHMAN 16AB FROM THE HUBBLE SPACE TELESCOPE. <i>Astrophysical Journal</i> , 2015, 798, 127.	4.5	60

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19	<i><i>HST</i> ROTATIONAL SPECTRAL MAPPING OF TWO L-TYPE BROWN DWARFS: VARIABILITY IN AND OUT OF WATER BANDS INDICATES HIGH-ALTITUDE HAZE LAYERS. Astrophysical Journal Letters, 2015, 798, L13.</i>	8.3	69
20	VARIABILITY IN A YOUNG, L/T TRANSITION PLANETARY-MASS OBJECT. Astrophysical Journal Letters, 2015, 813, L23.	8.3	60
21	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system <i><i>(Corrigendum)</i></i> . Astronomy and Astrophysics, 2015, 579, C2.	5.1	10
22	High contrast imaging at the LBT: the LEECH exoplanet imaging survey. Proceedings of SPIE, 2014, , .	0.8	11
23	BROWN DWARF PHOTOSPHERES ARE PATCHY: A <i><i>HUBBLE SPACE TELESCOPE</i></i> NEAR-INFRARED SPECTROSCOPIC SURVEY FINDS FREQUENT LOW-LEVEL VARIABILITY. Astrophysical Journal, 2014, 782, 77.	4.5	107
24	DEEP <i><i>z</i></i> -BAND OBSERVATIONS OF THE COOLEST Y DWARF. Astrophysical Journal, 2014, 797, 3.	4.5	12
25	A global cloud map of the nearest known brown dwarf. Nature, 2014, 505, 654-656.	27.8	159
26	Shadows and cavities in protoplanetary disks: HDâ€™%163296, HDâ€™%141569A, and HDâ€™%150193A in polarized light. Astronomy and Astrophysics, 2014, 568, A40.	5.1	56
27	HST observations of the limb polarization of Titan. Astronomy and Astrophysics, 2014, 572, A6.	5.1	7
28	WEATHER ON THE NEAREST BROWN DWARFS: RESOLVED SIMULTANEOUS MULTI-WAVELENGTH VARIABILITY MONITORING OF WISE J104915.57â€™%531906.1AB. Astrophysical Journal Letters, 2013, 778, L10.	8.3	92
29	GAPS IN THE HD 169142 PROTOPLANETARY DISK REVEALED BY POLARIMETRIC IMAGING: SIGNS OF ONGOING PLANET FORMATION?. Astrophysical Journal Letters, 2013, 766, L2.	8.3	143
30	IMAGING DISCOVERY OF THE DEBRIS DISK AROUND HIP 79977. Astrophysical Journal Letters, 2013, 763, L29.	8.3	65
31	<i><i>HST</i></i> SPECTRAL MAPPING OF L/T TRANSITION BROWN DWARFS REVEALS CLOUD THICKNESS VARIATIONS. Astrophysical Journal, 2013, 768, 121.	4.5	183
32	Results of the NaCo Large Program: probing the occurrence of exoplanets and brown dwarfs at wide orbit. Proceedings of the International Astronomical Union, 2013, 8, 17-20.	0.0	0
33	LEECH: A 100 Night Exoplanet Imaging Survey at the LBT. Proceedings of the International Astronomical Union, 2013, 8, 70-71.	0.0	2
34	Small vs. large dust grains in transitional disks: do different cavity sizes indicate a planet?. Astronomy and Astrophysics, 2013, 560, A105.	5.1	165
35	VERTICAL ATMOSPHERIC STRUCTURE IN A VARIABLE BROWN DWARF: PRESSURE-DEPENDENT PHASE SHIFTS IN SIMULTANEOUS <i><i>HUBBLE SPACE TELESCOPE</i></i> - <i><i>SPITZER</i></i> LIGHT CURVES. Astrophysical Journal Letters, 2012, 760, L31.	8.3	109
36	Direct imaging constraints on planet populations detected by microlensing. Astronomy and Astrophysics, 2012, 541, A133.	5.1	26

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37	IMAGES OF THE EXTENDED OUTER REGIONS OF THE DEBRIS RING AROUND HR 4796 A. <i>Astrophysical Journal Letters</i> , 2011, 743, L6.	8.3	71
38	Long slit spectropolarimetry of Jupiter and Saturn. <i>Icarus</i> , 2011, 212, 701-713.	2.5	19
39	Dissecting the Moth: discovery of an off-centered ring in the HD 61005 debris disk with high-resolution imaging. <i>Astronomy and Astrophysics</i> , 2010, 524, L1.	5.1	56
40	Polarization Models for Rayleigh Scattering Planetary Atmospheres. <i>Earth, Moon and Planets</i> , 2009, 105, 153-157.	0.6	2
41	A grid of polarization models for Rayleigh scattering planetary atmospheres. <i>Astronomy and Astrophysics</i> , 2009, 504, 259-276.	5.1	45
42	Reduction of polarimetric data using Mueller calculus applied to Nasmyth instruments. <i>Proceedings of SPIE</i> , 2008, , .	0.8	24
43	A Search for Variability in Exoplanet Analogues and Low-Gravity Brown Dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	39