Elisa V Quintana

List of Publications by Year
in descending order

57	10,119	159585 30	138484 58
papers	citations	h-index	g-index

59	59	59	4993
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of 13 Hot and Potentially Terrestrial TESS Planets. Astronomical Journal, 2022, 163, 99.	4.7	8
2	EarthShine: Observing our world as an exoplanet from the surface of the Moon. Journal of Astronomical Telescopes, Instruments, and Systems, 2022, 8, .	1.8	3
3	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. Astronomical Journal, 2022, 163, 147.	4.7	28
4	Habitable Planet Formation around Low-mass Stars: Rapid Accretion, Rapid Debris Removal, and the Essential Contribution of External Giants. Astrophysical Journal, 2022, 928, 91.	4.5	7
5	Planet Patrol: Vetting Transiting Exoplanet Candidates with Citizen Science. Publications of the Astronomical Society of the Pacific, 2022, 134, 044401.	3.1	2
6	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOIâ€“1246. Astronomical Journal, 2022, 163, 293.	4.7	7
7	The NASA GSFC TESS Full Frame Image Light Curve Data Set. Research Notes of the AAS, 2022, 6, 111.	0.7	8
8	Transit Timing Variations for AU Microscopii b and c. Astronomical Journal, 2022, 164, 27.	4.7	10
9	A GPU Algorithm for Outliers Detection in TESS Light Curves. Lecture Notes in Computer Science, 2021, , 420-432.	1.3	5
10	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. Astronomical Journal, 2021, 161, 194.	4.7	22
11	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. Astrophysical Journal, Supplement Series, 2021, 255, 6.	7.7	18
12	The TESS Objects of Interest Catalog from the TESS Prime Mission. Astrophysical Journal, Supplement Series, 2021, 254, 39.	7.7	190
13	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. Astronomical Journal, 2021, 162, 54.	4.7	25
14	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. Astronomical Journal, 2021, 162, 79.	4.7	25
15	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	3.1	5
16	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. Astronomical Journal, 2021, 162, 169.	4.7	14
17	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Piscesâ€“Eridanus Stream*. Astronomical Journal, 2021, 161, 65.	4.7	34
18	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. Astronomical Journal, 2021, 161, 85.	4.7	13

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19	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. Astronomical Journal, 2021, 161, 36.	4.7	96
20	Simultaneous Multiwavelength Flare Observations of EV Lacertae. Astrophysical Journal, 2021, 922, 31.	4.5	16
21	Stellar Surface Inhomogeneities as a Potential Source of the Atmospheric Signal Detected in the K2-18b Transmission Spectrum. Astronomical Journal, 2021, 162, 300.	4.7	22
22	A planet within the debris disk around the pre-main-sequence star AU Microscopii. Nature, 2020, 582, 497-500.	27.8	145
23	LHS 1815b: The First Thick-disk Planet Detected by TESS. Astronomical Journal, 2020, 159, 160.	4.7	23
24	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. Astronomical Journal, 2020, 159, 219.	4.7	17
25	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. Astronomical Journal, 2020, 160, 111.	4.7	26
26	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. Astronomical Journal, 2020, 160, 116.	4.7	67
27	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. Astronomical Journal, 2020, 160, 117.	4.7	29
28	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. Astronomical Journal, 2020, 160, 118.	4.7	20
29	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. Astronomical Journal, 2020, 160, 209.	4.7	15
30	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. Astronomical Journal, 2019, 158, 32.	4.7	93
31	Kepler Data Validation IIâ€“Transit Model Fitting and Multiple-planet Search. Publications of the Astronomical Society of the Pacific, 2019, 131, 024506.	3.1	169
32	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. Astrophysical Journal Letters, 2019, 883, L16.	8.3	42
33	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. Astronomical Journal, 2019, 157, 191.	4.7	46
34	Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools. Astronomical Journal, 2019, 157, 124.	4.7	42
35	A Revised Exoplanet Yield from the Transiting Exoplanet Survey Satellite (TESS). Astrophysical Journal, Supplement Series, 2018, 239, 2.	7.7	215
36	Climate Modeling of a Potential ExoVenus. Astrophysical Journal, 2018, 869, 46.	4.5	26

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37	A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric Characterization. Publications of the Astronomical Society of the Pacific, 2018, 130, 114401.	3.1	314
38	Planetary Candidates Observed by Kepler . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. Astrophysical Journal, Supplement Series, 2018, 235, 38.	7.7	316
39	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. Astronomical Journal, 2017, 153, 162.	4.7	42
40	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. Astrophysical Journal, 2016, 830, 1.	4.5	133
41	THE FREQUENCY OF GIANT IMPACTS ON EARTH-LIKE WORLDS. Astrophysical Journal, 2016, 821, 126.	4.5	117
42	RADIAL VELOCITY OBSERVATIONS AND LIGHT CURVE NOISE MODELING CONFIRM THAT KEPLER-91b IS A GIANT PLANET ORBITING A GIANT STAR. Astrophysical Journal, 2015, 800, 46.	4.5	83
43	VALIDATION OF 12 SMALLKEPLERTRANSITING PLANETS IN THE HABITABLE ZONE. Astrophysical Journal, 2015, 800, 99.	4.5	122
44	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. Astrophysical Journal, 2015, 804, 10.	4.5	149
45	TERRESTRIAL PLANET OCCURRENCE RATES FOR THEKEPLERGK DWARF SAMPLE. Astrophysical Journal, 2015, 809, 8.	4.5	302
46	An Earth-Sized Planet in the Habitable Zone of a Cool Star. Science, 2014, 344, 277-280.	12.6	252
47	THE EFFECT OF PLANETS BEYOND THE ICE LINE ON THE ACCRETION OF VOLATILES BY HABITABLE-ZONE ROCKY PLANETS. Astrophysical Journal, 2014, 786, 33.	4.5	49
48	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. Science, 2013, 340, 587-590.	12.6	213
49	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. Astrophysical Journal, 2013, 768, 101.	4.5	70
50	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. Astrophysical Journal, 2012, 745, 120.	4.5	218
51	THE DISTRIBUTION OF TRANSIT DURATIONS FOR KEPLER PLANET CANDIDATES AND IMPLICATIONS FOR THEIR ORBITAL ECCENTRICITIES. Astrophysical Journal, Supplement Series, 2011, 197, 1.	7.7	124
52	ARCHITECTURE AND DYNAMICS OF KEPLER 'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. Astrophysical Journal, Supplement Series, 2011, 197, 8.	7.7	593
53	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BYKEPLER. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. Astrophysical Journal, 2011, 736, 19.	4.5	859
54	INITIAL CHARACTERISTICS OF KEPLER LONG CADENCE DATA FOR DETECTING TRANSITING PLANETS. Astrophysical Journal Letters, 2010, 713, L120-L125.	8.3	313

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55	OVERVIEW OF THE KEPLER SCIENCE PROCESSING PIPELINE. Astrophysical Journal Letters, 2010, 713, L87-L91.	8.3	527
56	KEPLER MISSION DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. Astrophysical Journal Letters, 2010, 713, L79-L86.	8.3	941
57	Kepler Planet-Detection Mission: Introduction and First Results. Science, 2010, 327, 977-980.	12.6	2,848