

# Elisa V Quintana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7807684/publications.pdf>

Version: 2024-02-01

57  
papers

10,119  
citations

159585

30  
h-index

138484

58  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kepler Planet-Detection Mission: Introduction and First Results. <i>Science</i> , 2010, 327, 977-980.	12.6	2,848
2	<i>KEPLER MISSION</i> DESIGN, REALIZED PHOTOMETRIC PERFORMANCE, AND EARLY SCIENCE. <i>Astrophysical Journal Letters</i> , 2010, 713, L79-L86.	8.3	941
3	CHARACTERISTICS OF PLANETARY CANDIDATES OBSERVED BY<i>KEPLER</i>. II. ANALYSIS OF THE FIRST FOUR MONTHS OF DATA. <i>Astrophysical Journal</i> , 2011, 736, 19.	4.5	859
4	ARCHITECTURE AND DYNAMICS OF <i>KEPLER</i>'S CANDIDATE MULTIPLE TRANSITING PLANET SYSTEMS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 8.	7.7	593
5	OVERVIEW OF THE <i>KEPLER</i> SCIENCE PROCESSING PIPELINE. <i>Astrophysical Journal Letters</i> , 2010, 713, L87-L91.	8.3	527
6	Planetary Candidates Observed by <i>Kepler</i> . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal</i> , Supplement Series, 2018, 235, 38.	7.7	316
7	A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401.	3.1	314
8	INITIAL CHARACTERISTICS OF <i>KEPLER</i> LONG CADENCE DATA FOR DETECTING TRANSITING PLANETS. <i>Astrophysical Journal Letters</i> , 2010, 713, L120-L125.	8.3	313
9	TERRESTRIAL PLANET OCCURRENCE RATES FOR THE<i>KEPLER</i> GK DWARF SAMPLE. <i>Astrophysical Journal</i> , 2015, 809, 8.	4.5	302
10	An Earth-Sized Planet in the Habitable Zone of a Cool Star. <i>Science</i> , 2014, 344, 277-280.	12.6	252
11	Kepler-22b: A 2.4 EARTH-RADIUS PLANET IN THE HABITABLE ZONE OF A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2012, 745, 120.	4.5	218
12	A Revised Exoplanet Yield from the <i>Transiting Exoplanet Survey Satellite</i> ( <i>TESS</i> ). <i>Astrophysical Journal</i> , Supplement Series, 2018, 239, 2.	7.7	215
13	Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone. <i>Science</i> , 2013, 340, 587-590.	12.6	213
14	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal</i> , Supplement Series, 2021, 254, 39.	7.7	190
15	<i>Kepler</i> Data Validation IIâ€“Transit Model Fitting and Multiple-planet Search. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 024506.	3.1	169
16	A NEARBY M STAR WITH THREE TRANSITING SUPER-EARTHS DISCOVERED BY K2. <i>Astrophysical Journal</i> , 2015, 804, 10.	4.5	149
17	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
18	A CATALOG OF KEPLER HABITABLE ZONE EXOPLANET CANDIDATES. <i>Astrophysical Journal</i> , 2016, 830, 1.	4.5	133

#	ARTICLE	IF	CITATIONS
19	THE DISTRIBUTION OF TRANSIT DURATIONS FOR <i>KEPLER</i> PLANET CANDIDATES AND IMPLICATIONS FOR THEIR ORBITAL ECCENTRICITIES. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 1.	7.7	124
20	VALIDATION OF 12 SMALL<i>KEPLER</i>TRANSITING PLANETS IN THE HABITABLE ZONE. <i>Astrophysical Journal</i> , 2015, 800, 99.	4.5	122
21	THE FREQUENCY OF GIANT IMPACTS ON EARTH-LIKE WORLDS. <i>Astrophysical Journal</i> , 2016, 821, 126.	4.5	117
22	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
23	The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf. <i>Astronomical Journal</i> , 2019, 158, 32.	4.7	93
24	RADIAL VELOCITY OBSERVATIONS AND LIGHT CURVE NOISE MODELING CONFIRM THAT KEPLER-91b IS A GIANT PLANET ORBITING A GIANT STAR. <i>Astrophysical Journal</i> , 2015, 800, 46.	4.5	83
25	A SUPER-EARTH-SIZED PLANET ORBITING IN OR NEAR THE HABITABLE ZONE AROUND A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2013, 768, 101.	4.5	70
26	The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System. <i>Astronomical Journal</i> , 2020, 160, 116.	4.7	67
27	THE EFFECT OF PLANETS BEYOND THE ICE LINE ON THE ACCRETION OF VOLATILES BY HABITABLE-ZONE ROCKY PLANETS. <i>Astrophysical Journal</i> , 2014, 786, 33.	4.5	49
28	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019, 157, 191.	4.7	46
29	Kepler-1649b: An Exo-Venus in the Solar Neighborhood. <i>Astronomical Journal</i> , 2017, 153, 162.	4.7	42
30	A Super-Earth and Sub-Neptune Transiting the Late-type M Dwarf LP 791-18. <i>Astrophysical Journal Letters</i> , 2019, 883, L16.	8.3	42
31	Discovery and Vetting of Exoplanets. I. Benchmarking K2 Vetting Tools. <i>Astronomical Journal</i> , 2019, 157, 124.	4.7	42
32	TESS Hunt for Young and Maturing Exoplanets (THYME). IV. Three Small Planets Orbiting a 120 Myr Old Star in the Pisces&Erdidanus Stream*. <i>Astronomical Journal</i> , 2021, 161, 65.	4.7	34
33	The First Habitable-zone Earth-sized Planet from TESS. II. Spitzer Confirms TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 117.	4.7	29
34	Flares, Rotation, and Planets of the AU Mic System from TESS Observations. <i>Astronomical Journal</i> , 2022, 163, 147.	4.7	28
35	Climate Modeling of a Potential ExoVenus. <i>Astrophysical Journal</i> , 2018, 869, 46.	4.5	26
36	KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*. <i>Astronomical Journal</i> , 2020, 160, 111.	4.7	26

#	ARTICLE	IF	CITATIONS
37	TOI-2076 and TOI-1807: Two Young, Comoving Planetary Systems within 50 pc Identified by TESS that are Ideal Candidates for Further Follow Up. <i>Astronomical Journal</i> , 2021, 162, 54.	4.7	25
38	TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021, 162, 79.	4.7	25
39	LHS 1815b: The First Thick-disk Planet Detected by TESS. <i>Astronomical Journal</i> , 2020, 159, 160.	4.7	23
40	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
41	Stellar Surface Inhomogeneities as a Potential Source of the Atmospheric Signal Detected in the K2-18b Transmission Spectrum. <i>Astronomical Journal</i> , 2021, 162, 300.	4.7	22
42	The First Habitable-zone Earth-sized Planet from TESS. III. Climate States and Characterization Prospects for TOI-700 d. <i>Astronomical Journal</i> , 2020, 160, 118.	4.7	20
43	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 6.	7.7	18
44	Securing the Legacy of TESS through the Care and Maintenance of TESS Planet Ephemerides. <i>Astronomical Journal</i> , 2020, 159, 219.	4.7	17
45	Simultaneous Multiwavelength Flare Observations of EV Lacertae. <i>Astrophysical Journal</i> , 2021, 922, 31.	4.5	16
46	The K2 and TESS Synergy. I. Updated Ephemerides and Parameters for K2-114, K2-167, K2-237, and K2-261. <i>Astronomical Journal</i> , 2020, 160, 209.	4.7	15
47	L 98-59: A Benchmark System of Small Planets for Future Atmospheric Characterization. <i>Astronomical Journal</i> , 2021, 162, 169.	4.7	14
48	TESS Discovery of a Super-Earth and Three Sub-Neptunes Hosted by the Bright, Sun-like Star HD 108236. <i>Astronomical Journal</i> , 2021, 161, 85.	4.7	13
49	Transit Timing Variations for AU Microscopii b and c. <i>Astronomical Journal</i> , 2022, 164, 27.	4.7	10
50	Validation of 13 Hot and Potentially Terrestrial TESS Planets. <i>Astronomical Journal</i> , 2022, 163, 99.	4.7	8
51	The NASA GSFC TESS Full Frame Image Light Curve Data Set. <i>Research Notes of the AAS</i> , 2022, 6, 111.	0.7	8
52	Habitable Planet Formation around Low-mass Stars: Rapid Accretion, Rapid Debris Removal, and the Essential Contribution of External Giants. <i>Astrophysical Journal</i> , 2022, 928, 91.	4.5	7
53	The TESS-Keck Survey. XI. Mass Measurements for Four Transiting Sub-Neptunes Orbiting K Dwarf TOIâ€œ1246. <i>Astronomical Journal</i> , 2022, 163, 293.	4.7	7
54	A GPU Algorithm for Outliers Detection in TESS Light Curves. <i>Lecture Notes in Computer Science</i> , 2021, , 420-432.	1.3	5

#	ARTICLE	IF	CITATIONS
55	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	3.1	5
56	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
57	Planet Patrol: Vetting Transiting Exoplanet Candidates with Citizen Science. Publications of the Astronomical Society of the Pacific, 2022, 134, 044401.	3.1	2