

Seven temperate terrestrial planets around the nearby

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Earth's seven sisters. <i>Nature</i> , 2017, 542, 421-422.	13.7	3
3	Reconnaissance of the TRAPPIST-1 exoplanet system in the Lyman- α line. <i>Astronomy and Astrophysics</i> , 2017, 599, L3.	2.1	85
4	Remote Sensing of Potential Biosignatures from Rocky, Liquid, or Icy (Exo)Planetary Surfaces. <i>Astrobiology</i> , 2017, 17, 231-252.	1.5	29
5	Fast Litho-panspermia in the Habitable Zone of the TRAPPIST-1 System. <i>Astrophysical Journal Letters</i> , 2017, 839, L21.	3.0	13
6	Worlds without Moons: Exomoon Constraints for Compact Planetary Systems. <i>Astrophysical Journal Letters</i> , 2017, 839, L19.	3.0	17
7	The stability of tightly-packed, evenly-spaced systems of Earth-mass planets orbiting a Sun-like star. <i>Icarus</i> , 2017, 293, 52-58.	1.1	93
8	A temperate rocky super-Earth transiting a nearby cool star. <i>Nature</i> , 2017, 544, 333-336.	13.7	275
9	Convergent Migration Renders TRAPPIST-1 Long-lived. <i>Astrophysical Journal Letters</i> , 2017, 840, L19.	3.0	98
10	Reflections on O_2 as a Biosignature in Exoplanetary Atmospheres. <i>Astrobiology</i> , 2017, 17, 1022-1052.	1.5	119
11	Spectral Resolution-linked Bias in Transit Spectroscopy of Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2017, 841, L3.	3.0	40
12	Plausible Compositions of the Seven TRAPPIST-1 Planets Using Long-term Dynamical Simulations. <i>Astrophysical Journal Letters</i> , 2017, 842, L5.	3.0	53
13	A seven-planet resonant chain in TRAPPIST-1. <i>Nature Astronomy</i> , 2017, 1, .	4.2	263
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15	A Statistical Comparative Planetology Approach to the Hunt for Habitable Exoplanets and Life Beyond the Solar System. <i>Astrophysical Journal Letters</i> , 2017, 841, L24.	3.0	80
16	Hints for Small Disks around Very Low Mass Stars and Brown Dwarfs $\hat{=}$. <i>Astrophysical Journal</i> , 2017, 841, 116.	1.6	29
17	Habitability Properties of Circumbinary Planets. <i>Astronomical Journal</i> , 2017, 153, 273.	1.9	32
18	Frequent Flaring in the TRAPPIST-1 System "Unsuited for Life?". <i>Astrophysical Journal</i> , 2017, 841, 124.	1.6	137
19	A giant planet undergoing extreme-ultraviolet irradiation by its hot massive-star host. <i>Nature</i> , 2017, 546, 514-518.	13.7	205

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21	Enhanced interplanetary panspermia in the TRAPPIST-1 system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6689-6693.	3.3	44
22	Mass, Density, and Formation Constraints in the Compact, Sub-Earth Kepler-444 System including Two Mars-mass Planets. <i>Astrophysical Journal Letters</i> , 2017, 838, L11.	3.0	51
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29	Saving Super-Earths: Interplay between Pebble Accretion and Type I Migration. <i>Astronomical Journal</i> , 2017, 153, 222.	1.9	35
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31	No Snowball on Habitable Tidally Locked Planets. <i>Astrophysical Journal</i> , 2017, 845, 132.	1.6	78
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33	Phase transitions in MgSiO ₃ post-perovskite in super-Earth mantles. <i>Earth and Planetary Science Letters</i> , 2017, 478, 40-45.	1.8	45
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35	HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 605, A92.	2.1	27
36	Temporal Evolution of the High-energy Irradiation and Water Content of TRAPPIST-1 Exoplanets. <i>Astronomical Journal</i> , 2017, 154, 121.	1.9	104
37	Reduced Diversity of Life around Proxima Centauri and TRAPPIST-1. <i>Astrophysical Journal Letters</i> , 2017, 846, L21.	3.0	23

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42	Roche-lobe Overflow in Eccentric Planet-Star Systems. <i>Astrophysical Journal</i> , 2017, 844, 12.	1.6	33
43	Lightning chemistry on Earth-like exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 187-196.	1.6	55
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57	Planetâ€œPlanet Occultations in TRAPPIST-1 and Other Exoplanet Systems. <i>Astrophysical Journal</i> , 2017, 851, 94.	1.6	33
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59	Terahertz: dictating the frequency of life. Do macromolecular vibrational modes impose thermal limitations on terrestrial life?. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170673.	1.5	8
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67	Exoplanets as probes of the winds of host stars: the case of the M dwarf GJ 436. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4026-4033.	1.6	66
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266	Timing. , 0, , 103-118.		0
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