

# Timothy A Livengood

## List of Publications by Year in descending order

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30  
papers

968  
citations

567281

15  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

996  
citing authors

#	ARTICLE	IF	CITATIONS
1	ALIEN MAPS OF AN OCEAN-BEARING WORLD. <i>Astrophysical Journal</i> , 2009, 700, 915-923.	4.5	188
2	Earth as an Extrasolar Planet: Earth Model Validation Using EPOXI Earth Observations. <i>Astrobiology</i> , 2011, 11, 393-408.	3.0	161
3	Properties of an Earth-Like Planet Orbiting a Sun-Like Star: Earth Observed by the EPOXI Mission. <i>Astrobiology</i> , 2011, 11, 907-930.	3.0	68
4	Ozone abundance on Mars from infrared heterodyne spectra. <i>Icarus</i> , 2006, 181, 419-431.	2.5	65
5	SYSTEM PARAMETERS, TRANSIT TIMES, AND SECONDARY ECLIPSE CONSTRAINTS OF THE EXOPLANET SYSTEMS HAT-P-4, TrES-2, TrES-3, and WASP-3 FROM THE NASA<i>EPOXI</i> MISSION OF OPPORTUNITY. <i>Astrophysical Journal</i> , 2011, 726, 94.	4.5	64
6	COLORS OF A SECOND EARTH. II. EFFECTS OF CLOUDS ON PHOTOMETRIC CHARACTERIZATION OF EARTH-LIKE EXOPLANETS. <i>Astrophysical Journal</i> , 2011, 738, 184.	4.5	61
7	A SEARCH FOR ADDITIONAL PLANETS IN THE NASA<i>EPOXI</i> OBSERVATIONS OF THE EXOPLANET SYSTEM CJ 436. <i>Astrophysical Journal</i> , 2010, 716, 1047-1059.	4.5	56
8	ROTATIONAL VARIABILITY OF EARTH'S POLAR REGIONS: IMPLICATIONS FOR DETECTING SNOWBALL PLANETS. <i>Astrophysical Journal</i> , 2011, 731, 76.	4.5	50
9	Temperature and abundances in the Jovian auroral stratosphere: 1. Ethane as a probe of the millibar region. <i>Journal of Geophysical Research</i> , 1993, 98, 18813-18822.	3.3	46
10	Overview of the coordinated ground-based observations of Titan during the Huygens mission. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	34
11	Comparison of HIPWAC and Mars Express SPICAM observations of ozone on Mars 2006â€“2008 and variation from 1993 IRHS observations. <i>Icarus</i> , 2009, 203, 20-27.	2.5	34
12	A SEARCH FOR ADDITIONAL PLANETS IN FIVE OF THE EXOPLANETARY SYSTEMS STUDIED BY THE NASA<i>EPOXI</i> MISSION. <i>Astrophysical Journal</i> , 2011, 732, 41.	4.5	30
13	Ozone abundance on Mars from infrared heterodyne spectra. <i>Icarus</i> , 2006, 183, 396-402.	2.5	22
14	Improved Determination of Ethane (C <sub>2</sub> H <sub>6</sub> ) Abundance in Titan's Stratosphere. <i>Icarus</i> , 2002, 157, 249-253.	2.5	20
15	High spectral resolution infrared studies of Titan: Winds, temperature, and composition. <i>Planetary and Space Science</i> , 2010, 58, 1715-1723.	1.7	20
16	Thermospheric/mesospheric temperatures on Venus: Results from ground-based high-resolution spectroscopy of CO <sub>2</sub> in 1990/1991 and comparison to results from 2009 and between other techniques. <i>Icarus</i> , 2012, 217, 856-862.	2.5	19
17	Earthshine as an illumination source at the Moon. <i>Icarus</i> , 2019, 321, 841-856.	2.5	9
18	Thermal structure of Venus's nightside mesosphere as observed by infrared heterodyne spectroscopy at 10 $\mu$ m. <i>Planetary and Space Science</i> , 2015, 113-114, 359-368.	1.7	6

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19	Evidence for diurnally varying enrichment of heavy oxygen in Mars atmosphere. <i>Icarus</i> , 2020, 335, 113387.	2.5	4
20	Preliminary Results on HAT-P-4, TrES-3, XO-2, and GJ 436 from the NASA EPOXI Mission. Proceedings of the International Astronomical Union, 2008, 4, 470-473.	0.0	2
21	Modification of Jupiter's stratosphere three weeks after the 2009 impact. <i>Icarus</i> , 2011, 213, 195-200.	2.5	2
22	Crater age and hydrogen content in lunar regolith from LEND neutron data. <i>Planetary and Space Science</i> , 2018, 162, 105-112.	1.7	2
23	Ice Giant Atmospheric Science. , 2021, 53, .		2
24	The NASA <i>EPOXI</i> mission of opportunity to gather ultraprecise photometry of known transiting exoplanets. Proceedings of the International Astronomical Union, 2008, 4, 301-307.	0.0	1
25	Evaluation of a method to retrieve temperature and wind velocity profiles of the Venusian nightside mesosphere from mid-infrared CO <sub>2</sub> absorption line observed by heterodyne spectroscopy. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	1
26	Terrestrial Planet Optical Phase Curves. I. Direct Measurements of the Earth. <i>Astronomical Journal</i> , 2022, 163, 5.	4.7	1
27	Jupiter System Observatory at Sun-Jupiter Lagrangian Point One. , 2021, 53, .		0
28	A Next Generation Lunar Orbiter Mission. , 2021, 53, .		0
29	Mission to Characterize Volatiles in Old, Cold, Permanently Shadowed Regions on the Moon. , 2021, 53, .		0
30	Overview of Primitive Object Volatile Explorer (PROVE) CubeSat or Smallsat concept. , 2018, , .		0