

Tony L Farnham

List of Publications by Year in descending order

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36
papers

2,686
citations

394421

19
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

3110
citing authors

#	ARTICLE	IF	CITATIONS
1	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	3.1	1,020
2	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	3.1	453
3	EPOXI at Comet Hartley 2. Science, 2011, 332, 1396-1400.	12.6	401
4	Shape, density, and geology of the nucleus of Comet 103P/Hartley 2. Icarus, 2013, 222, 550-558.	2.5	112
5	Water ice and dust in the innermost coma of comet 103P/Hartley 2. Icarus, 2014, 238, 191-204.	2.5	88
6	On the Rotation Period and Shape of the Hyperbolic Asteroid 1/â€œOumuamua (2017 U1) from Its Lightcurve. Astrophysical Journal Letters, 2017, 851, L31.	8.3	55
7	Thermal inertia and surface roughness of Comet 9P/Tempel 1. Icarus, 2013, 224, 154-171.	2.5	45
8	Geologic control of jet formation on Comet 103P/Hartley 2. Icarus, 2013, 222, 610-624.	2.5	45
9	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. Icarus, 2011, 213, 345-368.	2.5	44
10	UNCORRELATED VOLATILE BEHAVIOR DURING THE 2011 APPARITION OF COMET C/2009 P1 GARRADD. Astronomical Journal, 2014, 147, 24.	4.7	43
11	The complex spin state of 103P/Hartley 2: Kinematics and orientation in space. Icarus, 2013, 222, 595-609.	2.5	40
12	ROTATION OF COMET 103P/HARTLEY 2 FROM STRUCTURES IN THE COMA. Astrophysical Journal Letters, 2011, 734, L3.	8.3	32
13	A rapid decrease in the rotation rate of comet 41P/Tuttleâ€œGiacobiniâ€œKresÃ¡k. Nature, 2018, 553, 186-188.	27.8	32
14	DELIVERY OF DUST GRAINS FROM COMET C/2013 A1 (SIDING SPRING) TO MARS. Astrophysical Journal Letters, 2014, 787, L35.	8.3	31
15	TRAJECTORY ANALYSIS FOR THE NUCLEUS AND DUST OF COMET C/2013 A1 (SIDING SPRING). Astrophysical Journal, 2014, 790, 114.	4.5	26
16	A STUDY OF DUST AND GAS AT MARS FROM COMET C/2013 A1 (SIDING SPRING). Astrophysical Journal Letters, 2014, 792, L16.	8.3	22
17	CONSTRAINING THE DUST COMA PROPERTIES OF COMET C/SIDING SPRING (2013 A1) AT LARGE HELIOCENTRIC DISTANCES. Astrophysical Journal Letters, 2014, 797, L8.	8.3	21
18	Local Manifestations of Cometary Activity. Space Science Reviews, 2019, 215, 1.	8.1	21

#	ARTICLE	IF	CITATIONS
19	Evidence for geologic processes on comets. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 2194-2210.	3.6	20
20	THE INCREASING ROTATION PERIOD OF COMET 10P/TEMPEL 2. <i>Astronomical Journal</i> , 2011, 141, 2.	4.7	19
21	A QUARTER-CENTURY OF OBSERVATIONS OF COMET 10P/TEMPEL 2 AT LOWELL OBSERVATORY: CONTINUED SPIN-DOWN, COMA MORPHOLOGY, PRODUCTION RATES, AND NUMERICAL MODELING. <i>Astronomical Journal</i> , 2012, 144, 153.	4.7	19
22	Cyanogen Jets and the Rotation State of Comet Machholz (C/2004 Q2). <i>Astronomical Journal</i> , 2007, 133, 2001-2007.	4.7	18
23	Narrowband Observations of Comet 46P/Wirtanen during Its Exceptional Apparition of 2018/19. I. Apparent Rotation Period and Outbursts. <i>Planetary Science Journal</i> , 2021, 2, 7.	3.6	15
24	First Results from TESS Observations of Comet 46P/Wirtanen. <i>Astrophysical Journal Letters</i> , 2019, 886, L24.	8.3	14
25	Narrowband Observations of Comet 46P/Wirtanen during Its Exceptional Apparition of 2018/19. II. Photometry, Jet Morphology, and Modeling Results. <i>Planetary Science Journal</i> , 2021, 2, 104.	3.6	9
26	Early Activity in Comet C/2014 UN271 Bernardinelli-Bernstein as Observed by TESS. <i>Planetary Science Journal</i> , 2021, 2, 236.	3.6	8
27	Six Outbursts of Comet 46P/Wirtanen. <i>Planetary Science Journal</i> , 2021, 2, 131.	3.6	7
28	Detailed characterization of low activity comet 49P/Arend-Rigaux. <i>Icarus</i> , 2020, 338, 113532.	2.5	6
29	International Asteroid Warning Network Timing Campaign: 2019 XS. <i>Planetary Science Journal</i> , 2022, 3, 156.	3.6	6
30	SEASONAL EVOLUTION ON THE NUCLEUS OF COMET C/2013 A1 (SIDING SPRING). <i>Astrophysical Journal Letters</i> , 2016, 817, L23.	8.3	5
31	Dust Outburst Dynamics and Hazard Assessment for Close Spacecraft-Comet Encounters. <i>Planetary Science Journal</i> , 2021, 2, 154.	3.6	3
32	Comet 240P/NEAT Is Stirring. <i>Astrophysical Journal Letters</i> , 2019, 886, L16.	8.3	2
33	Preview of Comet C/2021 A1 (Leonard) and Its Encounter with Venus. <i>Astronomical Journal</i> , 2021, 162, 194.	4.7	2
34	Operating spacecraft around comets: Evaluation of the near-nucleus environment. <i>Acta Astronautica</i> , 2022, 195, 365-378.	3.2	2
35	Michael F. A'Hearn. <i>Planetary Science Journal</i> , 2020, 1, 70.	3.6	0
36	Recovery of Returning Halley-type Comet 12P/Pons-Brooks with the Lowell Discovery Telescope. <i>Research Notes of the AAS</i> , 2020, 4, 101.	0.7	0