

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
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36
all docs

36
docs citations

36
times ranked

3110
citing authors

#	ARTICLE	IF	CITATIONS
1	“Operating spacecraft around comets: Evaluation of the near-nucleus environment” Acta Astronautica, 2022, 195, 365-378.	3.2	2
2	International Asteroid Warning Network Timing Campaign: 2019 XS. Planetary Science Journal, 2022, 3, 156.	3.6	6
3	Narrowband Observations of Comet 46P/Wirtanen during Its Exceptional Apparition of 2018/19. I. Apparent Rotation Period and Outbursts. Planetary Science Journal, 2021, 2, 7.	3.6	15
4	Narrowband Observations of Comet 46P/Wirtanen during Its Exceptional Apparition of 2018/19. II. Photometry, Jet Morphology, and Modeling Results. Planetary Science Journal, 2021, 2, 104.	3.6	9
5	Six Outbursts of Comet 46P/Wirtanen. Planetary Science Journal, 2021, 2, 131.	3.6	7
6	Dust Outburst Dynamics and Hazard Assessment for Close Spacecraft–Comet Encounters. Planetary Science Journal, 2021, 2, 154.	3.6	3
7	Preview of Comet C/2021 A1 (Leonard) and Its Encounter with Venus. Astronomical Journal, 2021, 162, 194.	4.7	2
8	Early Activity in Comet C/2014 UN271 Bernardinelli–Bernstein as Observed by TESS. Planetary Science Journal, 2021, 2, 236.	3.6	8
9	Detailed characterization of low activity comet 49P/Arend–Rigaux. Icarus, 2020, 338, 113532.	2.5	6
10	Michael F. –Hearn. Planetary Science Journal, 2020, 1, 70.	3.6	0
11	Recovery of Returning Halley-type Comet 12P/Pons-Brooks with the Lowell Discovery Telescope. Research Notes of the AAS, 2020, 4, 101.	0.7	0
12	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	3.1	453
13	Local Manifestations of Cometary Activity. Space Science Reviews, 2019, 215, 1.	8.1	21
14	First Results from TESS Observations of Comet 46P/Wirtanen. Astrophysical Journal Letters, 2019, 886, L24.	8.3	14
15	Comet 240P/NEAT Is Stirring. Astrophysical Journal Letters, 2019, 886, L16.	8.3	2
16	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
17	A rapid decrease in the rotation rate of comet 41P/Tuttle–Giacobini–Kresák. Nature, 2018, 553, 186-188.	27.8	32
18	On the Rotation Period and Shape of the Hyperbolic Asteroid 1/–Oumuamua (2017 U1) from Its Lightcurve. Astrophysical Journal Letters, 2017, 851, L31.	8.3	55

#	ARTICLE	IF	CITATIONS
19	SEASONAL EVOLUTION ON THE NUCLEUS OF COMET C/2013 A1 (SIDING SPRING). <i>Astrophysical Journal Letters</i> , 2016, 817, L23.	8.3	5
20	Evidence for geologic processes on comets. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 2194-2210.	3.6	20
21	CONSTRAINING THE DUST COMA PROPERTIES OF COMET C/SIDING SPRING (2013 A1) AT LARGE HELIOCENTRIC DISTANCES. <i>Astrophysical Journal Letters</i> , 2014, 797, L8.	8.3	21
22	UNCORRELATED VOLATILE BEHAVIOR DURING THE 2011 APPARITION OF COMET C/2009 P1 GARRADD. <i>Astronomical Journal</i> , 2014, 147, 24.	4.7	43
23	Water ice and dust in the innermost coma of comet 103P/Hartley 2. <i>Icarus</i> , 2014, 238, 191-204.	2.5	88
24	A STUDY OF DUST AND GAS AT MARS FROM COMET C/2013 A1 (SIDING SPRING). <i>Astrophysical Journal Letters</i> , 2014, 792, L16.	8.3	22
25	TRAJECTORY ANALYSIS FOR THE NUCLEUS AND DUST OF COMET C/2013 A1 (SIDING SPRING). <i>Astrophysical Journal</i> , 2014, 790, 114.	4.5	26
26	DELIVERY OF DUST GRAINS FROM COMET C/2013 A1 (SIDING SPRING) TO MARS. <i>Astrophysical Journal Letters</i> , 2014, 787, L35.	8.3	31
27	The complex spin state of 103P/Hartley 2: Kinematics and orientation in space. <i>Icarus</i> , 2013, 222, 595-609.	2.5	40
28	Shape, density, and geology of the nucleus of Comet 103P/Hartley 2. <i>Icarus</i> , 2013, 222, 550-558.	2.5	112
29	Thermal inertia and surface roughness of Comet 9P/Tempel 1. <i>Icarus</i> , 2013, 224, 154-171.	2.5	45
30	Geologic control of jet formation on Comet 103P/Hartley 2. <i>Icarus</i> , 2013, 222, 610-624.	2.5	45
31	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
32	EPOXI at Comet Hartley 2. <i>Science</i> , 2011, 332, 1396-1400.	12.6	401
33	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. <i>Icarus</i> , 2011, 213, 345-368.	2.5	44
34	ROTATION OF COMET 103P/HARTLEY 2 FROM STRUCTURES IN THE COMA. <i>Astrophysical Journal Letters</i> , 2011, 734, L3.	8.3	32
35	THE INCREASING ROTATION PERIOD OF COMET 10P/TEMPEL 2. <i>Astronomical Journal</i> , 2011, 141, 2.	4.7	19
36	Cyanogen Jets and the Rotation State of Comet Machholz (C/2004 Q2). <i>Astronomical Journal</i> , 2007, 133, 2001-2007.	4.7	18