

# Yanga Fernandez

## List of Publications by Year in descending order

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93  
papers

4,107  
citations

94433

37  
h-index

123424

61  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compositional Study of Trans-Neptunian Objects at $\lambda \approx 2.2 \mu\text{m}$ . Planetary Science Journal, 2021, 2, 10.	3.6	7
2	Initial Characterization of Active Transitioning Centaur, P/2019 LD <sub>2</sub> (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. Astronomical Journal, 2021, 161, 116.	4.7	13
3	Contemporaneous Multiwavelength and Preccovery Observations of the Active Centaur P/2019 LD2 (ATLAS). Planetary Science Journal, 2021, 2, 48.	3.6	10
4	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. Astrophysical Journal Letters, 2021, 911, L35.	8.3	10
5	Characterization of Thermal-infrared Dust Emission and Refinements to the Nucleus Properties of Centaur 29P/Schwassmann-Wachmann 1. Planetary Science Journal, 2021, 2, 126.	3.6	4
6	Dust Production from Mini Outbursts of Comet 29P/Schwassmann-Wachmann 1. Astronomical Journal, 2021, 161, 73.	4.7	10
7	Spitzer's Solar System studies of comets, centaurs and Kuiper belt objects. Nature Astronomy, 2020, 4, 930-939.	10.1	9
8	Spitzer's Solar System studies of asteroids, planets and the zodiacal cloud. Nature Astronomy, 2020, 4, 940-946.	10.1	7
9	Near-infrared Spectral Characterization of Solar-type Stars in the Northern Hemisphere. Astronomical Journal, 2020, 160, 130.	4.7	3
10	Spitzer Space Telescope observations of bilobate comet 8P/Tuttle. Astronomy and Astrophysics, 2019, 632, A104.	5.1	3
11	Analysis of HST WFPC2 Observations of Centaur 29P/Schwassmann-Wachmann 1 while in Outburst to Place Constraints on the Nucleus Rotation State. Astronomical Journal, 2019, 158, 259.	4.7	6
12	APO Time-resolved Color Photometry of Highly Elongated Interstellar Object 1I/ʻOumuamua. Astrophysical Journal Letters, 2018, 852, L2.	8.3	90
13	SHERMAN, a shape-based thermophysical model. I. Model description and validation. Icarus, 2018, 303, 203-219.	2.5	4
14	Spitzer Observations of Interstellar Object 1I/ʻOumuamua. Astronomical Journal, 2018, 156, 261.	4.7	80
15	The Albedos, Sizes, Colors, and Satellites of Dwarf Planets Compared with Newly Measured Dwarf Planet 2013 FY27. Astronomical Journal, 2018, 156, 270.	4.7	3
16	Behavioral Characteristics and CO+CO <sub>2</sub> Production Rates of Halley-type Comets Observed by NEOWISE. Astronomical Journal, 2018, 155, 164.	4.7	6
17	Analysis of R-band observations of an outburst of Comet 29P/Schwassmann-Wachmann 1 to place constraints on the nucleus rotation state. Icarus, 2017, 284, 359-371.	2.5	9
18	Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70. Icarus, 2017, 292, 22-35.	2.5	10

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19	Radar and Lightcurve Shape Model of Near-Earth Asteroid (1627) Ivar. <i>Icarus</i> , 2017, 291, 254-267.	2.5	5
20	The Perihelion Emission of Comet C/2010 L5 (WISE). <i>Astrophysical Journal</i> , 2017, 838, 58.	4.5	5
21	Near-infrared thermal emission from near-Earth asteroids: Aspect-dependent variability. <i>Icarus</i> , 2017, 284, 97-105.	2.5	9
22	Rotation of cometary nuclei: new light curves and an update of the ensemble properties of Jupiter-family comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2974-3007.	4.4	53
23	Debiasing the NEOWISE Cryogenic Mission Comet Populations. <i>Astronomical Journal</i> , 2017, 154, 53.	4.7	39
24	Infrared Spectroscopy of HR 4796A's Bright Outer Cometary Ring + Tenuous Inner Hot Dust Cloud. <i>Astronomical Journal</i> , 2017, 154, 182.	4.7	13
25	THE <i>NEOWISE</i> -DISCOVERED COMET POPULATION AND THE CO + CO <sub>2</sub> PRODUCTION RATES. <i>Astrophysical Journal</i> , 2015, 814, 85.	4.5	51
26	A new analysis of Spitzer observations of Comet 29P/Schwassmann-Wachmann 1. <i>Icarus</i> , 2015, 260, 60-72.	2.5	33
27	Thermal infrared observations and thermophysical characterization of OSIRIS-REx target asteroid (101955) Bennu. <i>Icarus</i> , 2014, 234, 17-35.	2.5	106
28	A dynamical analysis of the dust tail of Comet C/1995 O1 (Hale-Bopp) at high heliocentric distances. <i>Icarus</i> , 2014, 236, 136-145.	2.5	18
29	CENTAURS AND SCATTERED DISK OBJECTS IN THE THERMAL INFRARED: ANALYSIS OF <i>WISE</i> / <i>NEOWISE</i> OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 773, 22.	4.5	92
30	The demise of Comet 85P/Boethin, the first EPOXI mission target. <i>Icarus</i> , 2013, 222, 662-678.	2.5	6
31	Thermal properties, sizes, and size distribution of Jupiter-family cometary nuclei. <i>Icarus</i> , 2013, 226, 1138-1170.	2.5	112
32	The persistent activity of Jupiter-family comets at 3-7AU. <i>Icarus</i> , 2013, 225, 475-494.	2.5	32
33	The NEO (175706) 1996 FG3 in the 2-4 $\mu$ m spectral region: Evidence for an aqueously altered surface. <i>Icarus</i> , 2013, 223, 493-498.	2.5	18
34	DETERMINATION OF AN UPPER LIMIT FOR THE WATER OUTGASSING RATE OF MAIN-BELT COMET P/2012 T1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2013, 774, L13.	8.3	27
35	<i>WISE</i> / <i>NEOWISE</i> OBSERVATIONS OF ACTIVE BODIES IN THE MAIN BELT. <i>Astrophysical Journal</i> , 2012, 747, 49.	4.5	30
36	<i>WISE</i> / <i>NEOWISE</i> PRELIMINARY ANALYSIS AND HIGHLIGHTS OF THE 67P/CHURYUMOV-GERASIMENKO NEAR NUCLEUS ENVIRONS. <i>Astrophysical Journal</i> , 2012, 758, 18.	4.5	23

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37	DISCOVERY OF MAIN-BELT COMET P/2006 VW <sub>139</sub> BY Pan-STARRS1. <i>Astrophysical Journal Letters</i> , 2012, 748, L15.	8.3	49
38	Spectra of asteroid families in support of Gaia. <i>Planetary and Space Science</i> , 2012, 73, 95-97.	1.7	8
39	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. <i>Icarus</i> , 2011, 213, 345-368.	2.5	44
40	WISE/NEOWISE OBSERVATIONS OF COMET 103P/HARTLEY 2. <i>Astrophysical Journal</i> , 2011, 738, 171.	4.5	30
41	Deep Impact, Stardust-NExT and the behavior of Comet 9P/Tempel 1 from 1997 to 2010. <i>Icarus</i> , 2011, 213, 323-344.	2.5	16
42	Radar and photometric observations and shape modeling of contact binary near-Earth Asteroid (8567) 1996 HW1. <i>Icarus</i> , 2011, 214, 210-227.	2.5	46
43	Near-infrared spectroscopy of primitive asteroid families. <i>Icarus</i> , 2011, 213, 538-546.	2.5	33
44	EPOXI: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2011, 734, L1.	8.3	96
45	Water ice and organics on the surface of the asteroid 24 Themis. <i>Nature</i> , 2010, 464, 1320-1321.	27.8	312
46	ALBEDOS OF MAIN-BELT COMETS 133P/ELST-PIZARRO AND 176P/LINEAR. <i>Astrophysical Journal</i> , 2009, 694, L111-L114.	4.5	71
47	ALBEDOS OF SMALL JOVIAN TROJANS. <i>Astronomical Journal</i> , 2009, 138, 240-250.	4.7	43
48	The size and thermal properties of the nucleus of Comet 22P/Kopff. <i>Icarus</i> , 2009, 199, 568-570.	2.5	12
49	Low Perihelion Near-Earth Asteroids. <i>Earth, Moon and Planets</i> , 2009, 105, 159-165.	0.6	15
50	That's the way the comet crumbles: Splitting Jupiter-family comets. <i>Planetary and Space Science</i> , 2009, 57, 1218-1227.	1.7	33
51	Spitzer Space Telescope Observations of the Nucleus of Comet 103P/Hartley 2. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 968-975.	3.1	62
52	The Large-Grained Dust Coma of 174P/Echeclus. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 393-404.	3.1	39
53	The Volatile Composition of Comet 17P/Holmes after Its Extraordinary Outburst. <i>Astrophysical Journal</i> , 2008, 680, 793-802.	4.5	52
54	Ices on (90377) Sedna: confirmation and compositional constraints. <i>Astronomy and Astrophysics</i> , 2007, 466, 395-398.	5.1	37

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55	Near-infrared light curve of Comet 9P/Tempel 1 during Deep Impact. <i>Icarus</i> , 2007, 191, 424-431.	2.5	6
56	Comet 162P/Siding Spring: A Surprisingly Large Nucleus. <i>Astronomical Journal</i> , 2006, 132, 1354-1360.	4.7	19
57	Nuclear Spectra of Comet 162P/Siding Spring (2004 TU12). <i>Astronomical Journal</i> , 2006, 132, 1346-1353.	4.7	38
58	Pre-Impact Mid-IR and Optical Observations of Comet 9P/Tempel 1. <i>Earth, Moon and Planets</i> , 2006, 97, 331-339.	0.6	1
59	Near Infrared Spectra of two Asteroids with low Tisserand Invariant. <i>Earth, Moon and Planets</i> , 2006, 97, 203-212.	0.6	3
60	Spitzer Spectral Observations of the Deep Impact Ejecta. <i>Science</i> , 2006, 313, 635-640.	12.6	298
61	Rotationally Resolved 8-35 Micron Spitzer Space Telescope Observations of the Nucleus of Comet 9P/Tempel 1. <i>Astrophysical Journal</i> , 2005, 625, L139-L142.	4.5	60
62	Albedos of Asteroids in Comet-Like Orbits. <i>Astronomical Journal</i> , 2005, 130, 308-318.	4.7	82
63	Review of Spitzer Space Telescope observations of small bodies. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 121-131.	0.0	1
64	New near-aphelion light curves of Comet 2P/Encke. <i>Icarus</i> , 2005, 175, 194-214.	2.5	35
65	The excited spin state of Comet 2P/Encke. <i>Icarus</i> , 2005, 175, 181-193.	2.5	26
66	Physical characteristics of Comet Nucleus C/2001 OG108 (LONEOS). <i>Icarus</i> , 2005, 179, 174-194.	2.5	41
67	The Deep Impact Earth-Based Campaign. <i>Space Science Reviews</i> , 2005, 117, 297-334.	8.1	30
68	Deep Impact: Working Properties for the Target Nucleus "Comet 9P/Tempel 1. <i>Space Science Reviews</i> , 2005, 117, 137-160.	8.1	53
69	The High-Albedo Kuiper Belt Object (55565) 2002 AW 197. <i>Astrophysical Journal</i> , 2005, 624, L53-L56.	4.5	26
70	Deep Impact: Observations from a Worldwide Earth-Based Campaign. <i>Science</i> , 2005, 310, 265-269.	12.6	182
71	A tale of two very different comets: ISO and MSX measurements of dust emission from 126P/IRAS (1996) and 2P/Encke (1997). <i>Icarus</i> , 2004, 171, 444-462.	2.5	43
72	The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids. <i>Astronomical Journal</i> , 2004, 127, 2997-3017.	4.7	169

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73	Spitzer Observations of the Dust Coma and Nucleus of 29P/Schwassmann-Wachmann 1. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 463-468.	7.7	80
74	The Sizes, Shapes, Albedos, and Colors of Cometary Nuclei. , 2004, , 223-264.		179
75	Physical survey of 24 Centaurs with visible photometry. <i>Icarus</i> , 2003, 166, 195-211.	2.5	64
76	The nucleus of Deep Impact target Comet 9P/Tempel 1. <i>Icarus</i> , 2003, 164, 481-491.	2.5	38
77	An Optical Survey of the Active Centaur C/NEAT (2001 T4). <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 981-989.	3.1	36
78	143P/Kowal-Mrkos and the Shapes of Cometary Nuclei. <i>Astronomical Journal</i> , 2003, 125, 3366-3377.	4.7	41
79	The Albedo Distribution of Jovian Trojan Asteroids. <i>Astronomical Journal</i> , 2003, 126, 1563-1574.	4.7	102
80	Thermal Properties of Centaurs Asbolus and Chiron. <i>Astronomical Journal</i> , 2002, 123, 1050-1055.	4.7	69
81	A search for trends in cometary dust emission. <i>COSPAR Colloquia Series</i> , 2002, 15, 259-268.	0.2	9
82	Observations of the Centaur 1999 UG5: Evidence of a Unique Outer Solar System Surface. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 1309-1321.	3.1	37
83	Observational Constraints on Surface Characteristics of Comet Nuclei. , 2002, , 117-134.		5
84	Discovery of an Extremely Red Object in the Field of HD 155826. <i>Astrophysical Journal</i> , 2002, 570, 779-784.	4.5	17
85	The Nucleus of Comet Hale-Bopp (C/1995 O1): Size and Activity. , 2002, , 3-25.		2
86	Low Albedos Among Extinct Comet Candidates. <i>Astrophysical Journal</i> , 2001, 553, L197-L200.	4.5	77
87	Physical Properties of Planet Crossing Objects. <i>Astrophysics and Space Science Library</i> , 2001, , 143-161.	2.7	8
88	Physical Properties of the Nucleus of Comet 2P/Encke. <i>Icarus</i> , 2000, 147, 145-160.	2.5	108
89	The Nucleus of Comet Hale-Bopp (C/1995 O1): Size and Activity. <i>Earth, Moon and Planets</i> , 2000, 89, 3-25.	0.6	40
90	Observational Constraints On Surface Characteristics Of Comet Nuclei. <i>Earth, Moon and Planets</i> , 2000, 89, 117-134.	0.6	27

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91	The Inner Coma and Nucleus of Comet Hale-Bopp: Results from a Stellar Occultation. <i>Icarus</i> , 1999, 140, 205-220.	2.5	22
92	Infrared Observations Of Dust Emission From Comet Hale-Bopp. <i>Earth, Moon and Planets</i> , 1997, 78, 251-257.	0.6	35
93	Analysis of POSS Images of Comet Asteroid Transition Object 107P/1949 W1 (Wilson-Harrington). <i>Icarus</i> , 1997, 128, 114-126.	2.5	43