

Yanga Fernandez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7734799/publications.pdf>

Version: 2024-02-01

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	Water ice and organics on the surface of the asteroid 24 Themis. <i>Nature</i> , 2010, 464, 1320-1321.	27.8	312
2	Spitzer Spectral Observations of the Deep Impact Ejecta. <i>Science</i> , 2006, 313, 635-640.	12.6	298
3	Deep Impact: Observations from a Worldwide Earth-Based Campaign. <i>Science</i> , 2005, 310, 265-269.	12.6	182
4	The Sizes, Shapes, Albedos, and Colors of Cometary Nuclei. , 2004, , 223-264.		179
5	The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids. <i>Astronomical Journal</i> , 2004, 127, 2997-3017.	4.7	169
6	Thermal properties, sizes, and size distribution of Jupiter-family cometary nuclei. <i>Icarus</i> , 2013, 226, 1138-1170.	2.5	112
7	Physical Properties of the Nucleus of Comet 2P/Encke. <i>Icarus</i> , 2000, 147, 145-160.	2.5	108
8	Thermal infrared observations and thermophysical characterization of OSIRIS-REx target asteroid (101955) Bennu. <i>Icarus</i> , 2014, 234, 17-35.	2.5	106
9	The Albedo Distribution of Jovian Trojan Asteroids. <i>Astronomical Journal</i> , 2003, 126, 1563-1574.	4.7	102
10	<i>EPOXI</i>: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2011, 734, L1.	8.3	96
11	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
12	APO Time-resolved Color Photometry of Highly Elongated Interstellar Object 1I/â€œOumuamua. <i>Astrophysical Journal Letters</i> , 2018, 852, L2.	8.3	90
13	Albedos of Asteroids in Comet-Like Orbits. <i>Astronomical Journal</i> , 2005, 130, 308-318.	4.7	82
14	Spitzer Observations of the Dust Coma and Nucleus of 29P/Schwassmannâ€œWachmann 1. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 463-468.	7.7	80
15	Spitzer Observations of Interstellar Object 1I/â€œOumuamua. <i>Astronomical Journal</i> , 2018, 156, 261.	4.7	80
16	Low Albedos Among Extinct Comet Candidates. <i>Astrophysical Journal</i> , 2001, 553, L197-L200.	4.5	77
17	ALBEDOS OF MAIN-BELT COMETS 133P/ELST-PIZARRO AND 176P/LINEAR. <i>Astrophysical Journal</i> , 2009, 694, L111-L114.	4.5	71
18	Thermal Properties of Centaurs Asbolus and Chiron. <i>Astronomical Journal</i> , 2002, 123, 1050-1055.	4.7	69

#	ARTICLE	IF	CITATIONS
19	Physical survey of 24 Centaurs with visible photometry. <i>Icarus</i> , 2003, 166, 195-211.	2.5	64
20	<i>Spitzer Space Telescope</i> 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
21	Rotationally Resolved 8-35 Micron <i>Spitzer Space Telescope</i> Observations of the Nucleus of Comet 9P/Tempel 1. <i>Astrophysical Journal</i> , 2005, 625, L139-L142.	4.5	60
22	Deep Impact: Working Properties for the Target Nucleus of Comet 9P/Tempel 1. <i>Space Science Reviews</i> , 2005, 117, 137-160.	8.1	53
23	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
24	The Volatile Composition of Comet 17P/Holmes after Its Extraordinary Outburst. <i>Astrophysical Journal</i> , 2008, 680, 793-802.	4.5	52
25	THE NEOWISE-DISCOVERED COMET POPULATION AND THE CO + CO ₂ PRODUCTION RATES. <i>Astrophysical Journal</i> , 2015, 814, 85.	4.5	51
26	DISCOVERY OF MAIN-BELT COMET P/2006 VW ₁₃₉ BY Pan-STARRS1. <i>Astrophysical Journal Letters</i> , 2012, 748, L15.	8.3	49
27	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
28	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. <i>Icarus</i> , 2011, 213, 345-368.	2.5	44
29	Analysis of POSS Images of Comet Asteroid Transition Object 107P/1949 W1 (Wilson-Harrington). <i>Icarus</i> , 1997, 128, 114-126.	2.5	43
30	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
31	ALBEDOS OF SMALL JOVIAN TROJANS. <i>Astronomical Journal</i> , 2009, 138, 240-250.	4.7	43
32	143P/Kowal-Mrkos and the Shapes of Cometary Nuclei. <i>Astronomical Journal</i> , 2003, 125, 3366-3377.	4.7	41
33	Physical characteristics of Comet Nucleus C/2001 OG108 (LONEOS). <i>Icarus</i> , 2005, 179, 174-194.	2.5	41
34	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
35	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
36	Debiasing the NEOWISE Cryogenic Mission Comet Populations. <i>Astronomical Journal</i> , 2017, 154, 53.	4.7	39

#	ARTICLE	IF	CITATIONS
37	The nucleus of Deep Impact target Comet 9P/Tempel 1. <i>Icarus</i> , 2003, 164, 481-491.	2.5	38
38	Nuclear Spectra of Comet 162P/Siding Spring (2004 TU12). <i>Astronomical Journal</i> , 2006, 132, 1346-1353.	4.7	38
39	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
40	Ices on (90377) Sedna: confirmation and compositional constraints. <i>Astronomy and Astrophysics</i> , 2007, 466, 395-398.	5.1	37
41	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
42	Infrared Observations Of Dust Emission From Comet Hale-Bopp. <i>Earth, Moon and Planets</i> , 1997, 78, 251-257.	0.6	35
43	New near-aphelion light curves of Comet 2P/Encke. <i>Icarus</i> , 2005, 175, 194-214.	2.5	35
44	That's the way the comet crumbles: Splitting Jupiter-family comets. <i>Planetary and Space Science</i> , 2009, 57, 1218-1227.	1.7	33
45	Near-infrared spectroscopy of primitive asteroid families. <i>Icarus</i> , 2011, 213, 538-546.	2.5	33
46	A new analysis of Spitzer observations of Comet 29P/Schwassmann-Wachmann 1. <i>Icarus</i> , 2015, 260, 60-72.	2.5	33
47	The persistent activity of Jupiter-family comets at 3-7AU. <i>Icarus</i> , 2013, 225, 475-494.	2.5	32
48	The Deep Impact Earth-Based Campaign. <i>Space Science Reviews</i> , 2005, 117, 297-334.	8.1	30
49	<i>WISE</i>/NEOWISE OBSERVATIONS OF COMET 103P/HARTLEY 2. <i>Astrophysical Journal</i> , 2011, 738, 171.	4.5	30
50	<i>WISE</i>/NEOWISE OBSERVATIONS OF ACTIVE BODIES IN THE MAIN BELT. <i>Astrophysical Journal</i> , 2012, 747, 49.	4.5	30
51	Observational Constraints On Surface Characteristics Of Comet Nuclei. <i>Earth, Moon and Planets</i> , 2000, 89, 117-134.	0.6	27
52	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
53	The excited spin state of Comet 2P/Encke. <i>Icarus</i> , 2005, 175, 181-193.	2.5	26
54	The High-Albedo Kuiper Belt Object (55565) 2002 AW 197. <i>Astrophysical Journal</i> , 2005, 624, L53-L56.	4.5	26

#	ARTICLE	IF	CITATIONS
55	<i>WISE</i>/NEOWISE PRELIMINARY ANALYSIS AND HIGHLIGHTS OF THE 67P/CHURYUMOV-GERASIMENKO NEAR NUCLEUS ENVIRONS. <i>Astrophysical Journal</i> , 2012, 758, 18.	4.5	23
56	The Inner Coma and Nucleus of Comet Haleâ€“Bopp: Results from a Stellar Occultation. <i>Icarus</i> , 1999, 140, 205-220.	2.5	22
57	Comet 162P/Siding Spring: A Surprisingly Large Nucleus. <i>Astronomical Journal</i> , 2006, 132, 1354-1360.	4.7	19
58	The NEO (175706) 1996 FG3 in the 2â€“4âˆ¼m spectral region: Evidence for an aqueously altered surface. <i>Icarus</i> , 2013, 223, 493-498.	2.5	18
59	A dynamical analysis of the dust tail of Comet C/1995 O1 (Haleâ€“Bopp) at high heliocentric distances. <i>Icarus</i> , 2014, 236, 136-145.	2.5	18
60	Discovery of an Extremely Red Object in the Field of HD 155826. <i>Astrophysical Journal</i> , 2002, 570, 779-784.	4.5	17
61	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
62	Low Perihelion Near-Earth Asteroids. <i>Earth, Moon and Planets</i> , 2009, 105, 159-165.	0.6	15
63	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
64	Initial Characterization of Active Transitioning Centaur, P/2019 LD ₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. <i>Astronomical Journal</i> , 2021, 161, 116.	4.7	13
65	The size and thermal properties of the nucleus of Comet 22P/Kopff. <i>Icarus</i> , 2009, 199, 568-570.	2.5	12
66	Thermal properties and an improved shape model for near-Earth asteroid (162421) 2000 ET70. <i>Icarus</i> , 2017, 292, 22-35.	2.5	10
67	Contemporaneous Multiwavelength and Preccovery Observations of the Active Centaur P/2019 LD2 (ATLAS). <i>Planetary Science Journal</i> , 2021, 2, 48.	3.6	10
68	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. <i>Astrophysical Journal Letters</i> , 2021, 911, L35.	8.3	10
69	Dust Production from Mini Outbursts of Comet 29P/Schwassmann-Wachmann 1. <i>Astronomical Journal</i> , 2021, 161, 73.	4.7	10
70	A search for trends in cometary dust emission. <i>COSPAR Colloquia Series</i> , 2002, 15, 259-268.	0.2	9
71	Analysis of R-band observations of an outburst of Comet 29P/Schwassmann-Wachmann 1 to place constraints on the nucleusâ€™ rotation state. <i>Icarus</i> , 2017, 284, 359-371.	2.5	9
72	Near-infrared thermal emission from near-Earth asteroids: Aspect-dependent variability. <i>Icarus</i> , 2017, 284, 97-105.	2.5	9

#	ARTICLE	IF	CITATIONS
73	Spitzer's Solar System studies of comets, centaurs and Kuiper belt objects. <i>Nature Astronomy</i> , 2020, 4, 930-939.	10.1	9
74	Spectra of asteroid families in support of Gaia. <i>Planetary and Space Science</i> , 2012, 73, 95-97.	1.7	8
75	Physical Properties of Planet Crossing Objects. <i>Astrophysics and Space Science Library</i> , 2001, , 143-161.	2.7	8
76	Spitzer's Solar System studies of asteroids, planets and the zodiacal cloud. <i>Nature Astronomy</i> , 2020, 4, 940-946.	10.1	7
77	Compositional Study of Trans-Neptunian Objects at $\lambda \approx 2.2 \mu\text{m}$. <i>Planetary Science Journal</i> , 2021, 2, 10.	3.6	7
78	Near-infrared light curve of Comet 9P/Tempel 1 during Deep Impact. <i>Icarus</i> , 2007, 191, 424-431.	2.5	6
79	The demise of Comet 85P/Boethin, the first EPOXI mission target. <i>Icarus</i> , 2013, 222, 662-678.	2.5	6
80	Behavioral Characteristics and $\text{CO}+\text{CO}_2$ Production Rates of Halley-type Comets Observed by NEOWISE. <i>Astronomical Journal</i> , 2018, 155, 164.	4.7	6
81	Analysis of HST WFPC2 Observations of Centaur 29P/Schwassmann-Wachmann 1 while in Outburst to Place Constraints on the Nucleus Rotation State. <i>Astronomical Journal</i> , 2019, 158, 259.	4.7	6
82	Radar and Lightcurve Shape Model of Near-Earth Asteroid (1627) Ivar. <i>Icarus</i> , 2017, 291, 254-267.	2.5	5
83	The Perihelion Emission of Comet C/2010 L5 (WISE). <i>Astrophysical Journal</i> , 2017, 838, 58.	4.5	5
84	Observational Constraints on Surface Characteristics of Comet Nuclei. , 2002, , 117-134.		5
85	SHERMAN, a shape-based thermophysical model. I. Model description and validation. <i>Icarus</i> , 2018, 303, 203-219.	2.5	4
86	Characterization of Thermal-infrared Dust Emission and Refinements to the Nucleus Properties of Centaur 29P/Schwassmann-Wachmann 1. <i>Planetary Science Journal</i> , 2021, 2, 126.	3.6	4
87	Near Infrared Spectra of two Asteroids with low Tisserand Invariant. <i>Earth, Moon and Planets</i> , 2006, 97, 203-212.	0.6	3
88	The Albedos, Sizes, Colors, and Satellites of Dwarf Planets Compared with Newly Measured Dwarf Planet 2013 FY27. <i>Astronomical Journal</i> , 2018, 156, 270.	4.7	3
89	Spitzer Space Telescope observations of bilobate comet 8P/Tuttle. <i>Astronomy and Astrophysics</i> , 2019, 632, A104.	5.1	3
90	Near-infrared Spectral Characterization of Solar-type Stars in the Northern Hemisphere. <i>Astronomical Journal</i> , 2020, 160, 130.	4.7	3

#	ARTICLE	IF	CITATIONS
91	The Nucleus of Comet Hale-Bopp (C/1995 O1): Size and Activity. , 2002, , 3-25.		2
92	Review of Spitzer Space Telescope observations of small bodies. Proceedings of the International Astronomical Union, 2005, 1, 121-131.	0.0	1
93	Pre-Impact Mid-IR and Optical Observations of Comet 9P/Tempel 1. Earth, Moon and Planets, 2006, 97, 331-339.	0.6	1