

Olivier R Hainaut

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,102
citations

516710

16
h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

1131
citing authors

#	ARTICLE	IF	CITATIONS
1	A brief visit from a red and extremely elongated interstellar asteroid. <i>Nature</i> , 2017, 552, 378-381.	27.8	304
2	Non-gravitational acceleration in the trajectory of 1I/2017 U1 (â€œOumuamua). <i>Nature</i> , 2018, 559, 223-226.	27.8	138
3	Physical survey of 24 Centaurs with visible photometry. <i>Icarus</i> , 2003, 166, 195-211.	2.5	64
4	Detection of CN Gas in Interstellar Object 2I/Borisov. <i>Astrophysical Journal Letters</i> , 2019, 885, L9.	8.3	60
5	Impact of satellite constellations on astronomical observations with ESO telescopes in the visible and infrared domains. <i>Astronomy and Astrophysics</i> , 2020, 636, A121.	5.1	57
6	2I/Borisov: A C₂-depleted interstellar comet. <i>Astronomy and Astrophysics</i> , 2019, 631, L8.	5.1	56
7	Inner solar system material discovered in the Oort cloud. <i>Science Advances</i> , 2016, 2, e1600038.	10.3	45
8	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. <i>Icarus</i> , 2011, 213, 345-368.	2.5	44
9	The Excited Spin State of 1I/2017 U1 â€œOumuamua. <i>Astrophysical Journal Letters</i> , 2018, 856, L21.	8.3	41
10	Physical characterization of low delta-V asteroid (175706) 1996 FG3â€¦. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1246-1257.	4.4	37
11	CO-driven Activity in Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2017, 849, L8.	8.3	35
12	The Sporadic Activity of (6478) Gault: A YORP-driven Event?. <i>Astrophysical Journal Letters</i> , 2019, 874, L20.	8.3	33
13	SUBLIMATION-DRIVEN ACTIVITY IN MAIN-BELT COMET 313P/GIBBS. <i>Astrophysical Journal Letters</i> , 2015, 800, L16.	8.3	30
14	OUTGASSING BEHAVIOR OF C/2012 S1 (ISON) FROM 2011 SEPTEMBER TO 2013 JUNE. <i>Astrophysical Journal Letters</i> , 2013, 776, L20.	8.3	25
15	Plausible Home Stars of the Interstellar Object â€œOumuamua Found in Gaia DR2. <i>Astronomical Journal</i> , 2018, 156, 205.	4.7	23
16	Analytical simulations of the effect of satellite constellations on optical and near-infrared observations. <i>Astronomy and Astrophysics</i> , 2022, 657, A75.	5.1	20
17	Compact pebbles and the evolution of volatiles in the interstellar comet 2I/Borisov. <i>Nature Astronomy</i> , 2021, 5, 586-593.	10.1	17
18	Beginning of Activity in Long-period Comet C/2015 ER61 (PANSTARRS). <i>Astronomical Journal</i> , 2017, 153, 206.	4.7	16

#	ARTICLE	IF	CITATIONS
19	Critical science for the largest telescopes: science drivers for a 100m ground-based optical-IR telescope. , 2003, 4840, 299.		8
20	An ESA NEOCC Effort to Eliminate High Palermo Scale Virtual Impactors. Earth, Moon and Planets, 2014, 113, 1-13.	0.6	7
21	Disintegration of active asteroid P/2016 G1 (PANSTARRS). Astronomy and Astrophysics, 2019, 628, A48.	5.1	7
22	Isotopic ratios in outbursting comet C/2015 ER61. Astronomy and Astrophysics, 2018, 609, L4.	5.1	6
23	Detailed characterization of low activity comet 49P/Arendâ€Rigaux. Icarus, 2020, 338, 113532.	2.5	6
24	Activity of Comet 103P/Hartley 2 at the time of the EPOXI mission fly-by. Icarus, 2013, 222, 766-773.	2.5	5
25	Elimination of a virtual impactor of 2006 QV₈₉ via deep non-detection. Astronomy and Astrophysics, 2021, 653, A124.	5.1	4
26	Comet Size Distributions and Distant Activity. , 0, , 75-80.		2
27	Characterizing the Manx Candidate A/2018 V3. Planetary Science Journal, 2021, 2, 33.	3.6	2
28	Possible Activity in 468861 (2013 LU28). Planetary Science Journal, 2022, 3, 34.	3.6	2
29	Large Changes in Plutoâ€™s Atmosphere Revealed by Stellar Occultations. Highlights of Astronomy, 2005, 13, 908-909.	0.0	1
30	Determining the Aesthetic Appeal of Astronomical Images. Leonardo, 2015, 48, 70-71.	0.3	1
31	73P/Schwassmann-Wachmann 3 â€” One Orbit after Break-Up: Search for Fragments. , 2002, , 131-139.		1
32	A Pencil-Beam Search for Distant TNOs at the ESO NTT. , 0, , 117-123.		1
33	Physical Observations of 1996 TO66. , 0, , 61-63.		1
34	A TNO Survey Project with the 2.2m Telescope at ESO La Silla. Highlights of Astronomy, 2002, 12, 239-241.	0.0	0
35	TNO Color Survey with the VLT: Pilot Observations with the Science Verification Camera. Globular Clusters - Guides To Galaxies, 2003, , 65-69.	0.1	0
36	Very Distant Objects in the Solar System. Globular Clusters - Guides To Galaxies, 1995, , 15-20.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Searching the Trans-Neptunian Region. , 0, , 3-10.		0