

# Angelo Zinzi

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

601  
citations

759233

12  
h-index

610901

24  
g-index

42  
all docs

42  
docs citations

42  
times ranked

950  
citing authors

#	ARTICLE	IF	CITATIONS
1	Refractory and semi-volatile organics at the surface of comet 67P/Churyumov-Gerasimenko: Insights from the VIRTIS/Rosetta imaging spectrometer. <i>Icarus</i> , 2016, 272, 32-47.	2.5	127
2	LICIACube - The Light Italian Cubesat for Imaging of Asteroids In support of the NASA DART mission towards asteroid (65803) Didymos. <i>Planetary and Space Science</i> , 2021, 199, 105185.	1.7	71
3	Overview of the first HyMeX Special Observation Period over Italy: observations and model results. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 1953-1977.	4.9	58
4	Evidence for Mg-rich carbonates on Mars from a 3.9 $\mu$ m absorption feature. <i>Icarus</i> , 2009, 203, 58-65.	2.5	49
5	Detection of new olivine-rich locations on Vesta. <i>Icarus</i> , 2015, 258, 120-134.	2.5	37
6	The changing temperature of the nucleus of comet 67P induced by morphological and seasonal effects. <i>Nature Astronomy</i> , 2019, 3, 649-658.	10.1	34
7	Anti-correlation between multiplicity and orbital properties in exoplanetary systems as a possible record of their dynamical histories. <i>Astronomy and Astrophysics</i> , 2017, 605, L4.	5.1	22
8	Mineralogical and spectral analysis of Vesta's Gegania and Lucaria quadrangles and comparative analysis of their key features. <i>Icarus</i> , 2015, 259, 72-90.	2.5	19
9	Normalized angular momentum deficit: a tool for comparing the violence of the dynamical histories of planetary systems. <i>Astronomy and Astrophysics</i> , 2020, 636, A53.	5.1	18
10	Dynamical Evolution of Ejecta from the DART Impact on Dimorphos. <i>Planetary Science Journal</i> , 2022, 3, 118.	3.6	17
11	Photometric behaviour of 67P/Churyumov-Gerasimenko and analysis of its pre-perihelion diurnal variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S346-S356.	4.4	16
12	MATISSE: A novel tool to access, visualize and analyse data from planetary exploration missions. <i>Astronomy and Computing</i> , 2016, 15, 16-28.	1.7	15
13	The role of the Italian scientific community in the first HyMeX SOP: an outstanding multidisciplinary experience. <i>Meteorologische Zeitschrift</i> , 2015, 24, 261-267.	1.0	13
14	Effect of atmospheric dust loading on martian albedo measurements. <i>Icarus</i> , 2010, 208, 590-597.	2.5	12
15	Recognition of landslides in lunar impact craters. <i>European Journal of Remote Sensing</i> , 2018, 51, 47-61.	3.5	12
16	Limb Darkening study using Venus nightside infrared spectra from VIRTIS-Venus Express data. <i>Planetary and Space Science</i> , 2012, 69, 62-75.	1.7	11
17	Characterization of the Ryugu surface by means of the variability of the near-infrared spectral slope in NIRS3 data. <i>Icarus</i> , 2020, 351, 113959.	2.5	9
18	The SSDC contribution to the improvement of knowledge by means of 3D data projections of minor bodies. <i>Advances in Space Research</i> , 2018, 62, 2306-2316.	2.6	8

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19	Exploring the feasibility of volatile desorption studies by means of a quartz crystal microbalance with an integrated micro-heater. <i>Sensors and Actuators A: Physical</i> , 2011, 172, 504-510.	4.1	7
20	Continuum definition for $\lambda/43.1$ , $\lambda/43.4$ and $\lambda/44.0$ Å absorption bands in Ceres spectra and evaluation of effects of smoothing procedure in the retrieved spectral parameters. <i>Advances in Space Research</i> , 2018, 62, 2342-2354.	2.6	7
21	Expected Investigation of the (65803) Didymos–Dimorphos System Using the RGB Spectrophotometry Data Set from the LICIACube Unit Key Explorer (LUKE) Wide-angle Camera. <i>Planetary Science Journal</i> , 2022, 3, 161.	3.6	7
22	THE “MOON MAPPING” PROJECT TO PROMOTE COOPERATION BETWEEN STUDENTS OF ITALY AND CHINA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B6, 71-78.	0.2	6
23	Production and 3D visualization of high-level data of minor bodies: The MATISSE tool in the framework of VESPA-Europlanet 2020 activity. <i>Advances in Space Research</i> , 2018, 62, 2317-2325.	2.6	4
24	THE “MOON MAPPING” PROJECT TO PROMOTE COOPERATION BETWEEN STUDENTS OF ITALY AND CHINA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B6, 71-78.	0.2	4
25	X-band weather radar monitoring real-time products in Rome and Naples urban areas. , 2012, , .		2
26	Martian atmospheric particulate spectral end-members recovery from PFS and IRIS data. <i>Icarus</i> , 2013, 226, 1294-1303.	2.5	2
27	Data mining and visualization from planetary missions: the VESPA-Europlanet2020 activity. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 316-319.	0.0	2
28	FITS Format for Planetary Surfaces: Definitions, Applications, and Best Practices. <i>Earth and Space Science</i> , 2018, 5, 640-651.	2.6	2
29	MAPPING LANDSLIDES IN LUNAR IMPACT CRATERS USING CHEBYSHEV POLYNOMIALS AND DEMs. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B6, 17-24.	0.2	2
30	MAPPING LANDSLIDES IN LUNAR IMPACT CRATERS USING CHEBYSHEV POLYNOMIALS AND DEMs. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLI-B6, 17-24.	0.2	2
31	The SSCC Role in the LICIACube Mission: Data Management and the MATISSE Tool. <i>Planetary Science Journal</i> , 2022, 3, 126.	3.6	2
32	Albedo Feature. , 2014, , 1-26.		0
33	Anti-correlation between multiplicity and orbital properties in exoplanetary systems as a possible record of their dynamical histories (Corrigendum). <i>Astronomy and Astrophysics</i> , 2018, 614, C3.	5.1	0
34	Morphometric Analysis of Lunar Sinuous Rilles. , 2019, , .		0
35	MATISSE for Moon Mapping: exploiting advanced archiving and 3D visualization solutions for a joint international project. , 2019, , .		0
36	Albedo Feature. , 2015, , 30-52.		0

#	ARTICLE	IF	CITATIONS
37	ASI Space Science Data Center participation to high-school outreach program. Physics Education, 2021, 56, 015011.	0.5	0