

# Giovanni Poggiali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3946475/publications.pdf>

Version: 2024-02-01

17  
papers

294  
citations

933447

10  
h-index

888059

17  
g-index

30  
all docs

30  
docs citations

30  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exogenic basalt on asteroid (101955) Bennu. <i>Nature Astronomy</i> , 2021, 5, 31-38.	10.1	57
2	Fine-regolith production on asteroids controlled by rock porosity. <i>Nature</i> , 2021, 598, 49-52.	27.8	45
3	UV irradiation of biomarkers adsorbed on minerals under Martian-like conditions: Hints for life detection on Mars. <i>Icarus</i> , 2018, 313, 38-60.	2.5	44
4	OSIRIS-REx spectral analysis of (101955) Bennu by multivariate statistics. <i>Astronomy and Astrophysics</i> , 2020, 637, L4.	5.1	23
5	Hydrogen abundance estimation and distribution on (101955) Bennu. <i>Icarus</i> , 2021, 363, 114427.	2.5	19
6	Dynamical Evolution of Ejecta from the DART Impact on Dimorphos. <i>Planetary Science Journal</i> , 2022, 3, 118.	3.6	17
7	Solid State Photochemistry of Hydroxylated Naphthalenes on Minerals: Probing Polycyclic Aromatic Hydrocarbon Transformation Pathways under Astrochemically-Relevant Conditions. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 977-1000.	2.7	16
8	Photoprocessing of formamide ice: route towards prebiotic chemistry in space. <i>Astronomy and Astrophysics</i> , 2020, 636, A63.	5.1	12
9	Thermal Desorption of Astrophysically Relevant Ice Mixtures of Acetaldehyde and Acetonitrile from Olivine Dust*. <i>Astrophysical Journal</i> , 2021, 913, 128.	4.5	12
10	Ultraviolet Photoprocessing of Glycine Adsorbed on Various Space-Relevant Minerals. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	2.8	10
11	OSIRIS-REx Visible and Near-Infrared Observations of the Moon. <i>Geophysical Research Letters</i> , 2019, 46, 6322-6326.	4.0	8
12	UV Irradiation and Near Infrared Characterization of Laboratory Mars Soil Analog Samples. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	2.8	8
13	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
14	Laboratory Investigations Coupled to VIR/Dawn Observations to Quantify the Large Concentrations of Organic Matter on Ceres. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 719.	2.0	6
15	Temperature dependent mid-infrared (5-25µm) reflectance spectroscopy of carbonaceous meteorites and minerals: Implication for remote sensing in Solar System exploration. <i>Icarus</i> , 2021, 354, 114040.	2.5	4
16	Physical characterization of 2009 WN25: exploring the link with November i-Draconids meteor shower. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2335-2339.	4.4	2
17	The SSDC Role in the LICIACube Mission: Data Management and the MATISSE Tool. <i>Planetary Science Journal</i> , 2022, 3, 126.	3.6	2