

# Elena Martellato

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

543  
citations

759233

12  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

765  
citing authors

#	ARTICLE	IF	CITATIONS
1	A NEW CHRONOLOGY FOR THE MOON AND MERCURY. <i>Astronomical Journal</i> , 2009, 137, 4936-4948.	4.7	152
2	SIMBIO-SYS: The spectrometer and imagers integrated observatory system for the BepiColombo planetary orbiter. <i>Planetary and Space Science</i> , 2010, 58, 125-143.	1.7	70
3	The geomorphology of (21) Lutetia: Results from the OSIRIS imaging system onboard ESA's Rosetta spacecraft. <i>Planetary and Space Science</i> , 2012, 66, 96-124.	1.7	58
4	The effects of the target material properties and layering on the crater chronology: The case of Raditladi and Rachmaninoff basins on Mercury. <i>Planetary and Space Science</i> , 2011, 59, 1968-1980.	1.7	51
5	SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	47
6	NEW CALIBRATION OF THE MICROMETEOROID FLUX ON EARTH. <i>Astrophysical Journal Letters</i> , 2012, 749, L40.	8.3	27
7	Inflated flows on Daedalia Planum (Mars)? Clues from a comparative analysis with the Payen volcanic complex (Argentina). <i>Planetary and Space Science</i> , 2009, 57, 556-570.	1.7	25
8	Mercury's geochronology revised by applying Model Production Function to Mariner 10 data: Geological implications. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	23
9	Sea State Monitoring by Ship Motion Measurements Onboard a Research Ship in the Antarctic Waters. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 64.	2.6	15
10	Hydrocode simulations of the largest crater on asteroid Lutetia. <i>Planetary and Space Science</i> , 2012, 66, 147-154.	1.7	14
11	Age relationships of the Rembrandt basin and Enterprise Rupes, Mercury. <i>Geological Society Special Publication</i> , 2015, 401, 159-172.	1.3	14
12	Numerical modelling of impact crater formation associated with isolated lunar skylight candidates on lava tubes. <i>Planetary and Space Science</i> , 2013, 86, 33-44.	1.7	12
13	Radiometric model for the stereo camera STC onboard the BepiColombo ESA mission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	7
14	Characterization of the integrating sphere for the on-ground calibration of the SIMBIOSYS instrument for the BepiColombo ESA mission. <i>Proceedings of SPIE</i> , 2014, , .	0.8	6
15	Is the LinnÃ© impact crater morphology influenced by the rheological layering on the Moon's surface? Insights from numerical modeling. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1388-1411.	1.6	5
16	A KALMAN FILTER SINGLE POINT POSITIONING FOR MARITIME APPLICATIONS USING A SMARTPHONE. <i>Geographia Technica</i> , 2021, , 15-29.	0.4	5
17	Geometrical distortion calibration of the stereo camera for the BepiColombo mission to Mercury. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
18	Omeongaâ€”A possible large impact structure on the Eastern Kasai Province (D.R. Congo)?. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1804-1813.	1.6	2

#	ARTICLE	IF	CITATIONS
19	COMPARISON OF DIFFERENT PAN-SHARPENING METHODS APPLIED TO IKONOS IMAGERY. <i>Geographia Technica</i> , 2021, , 198-210.	0.4	2
20	A New Orbiting Deployable System for Small Satellite Observations for Ecology and Earth Observation. <i>Remote Sensing</i> , 2022, 14, 2066.	4.0	2
21	Observing Mercury: from Galileo to the stereo camera on the BepiColombo mission. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 213-218.	0.0	1
22	Martian Ice Revealed by Modeling of Simple Terraced Crater Formation. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006108.	3.6	1
23	Benefits of the Proposed Magia Mission for Lunar Geology. <i>Earth, Moon and Planets</i> , 2010, 107, 267-297.	0.6	0
24	Preliminary results of the optical calibration for the stereo camera STC onboard the Bepicolombo mission., 2017,,.		0