

Sebastian Hg Walter

List of Publications by Year in descending order

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papers

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1040056

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15
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15
docs citations

15
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732
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging the Gap Between Geographical Information Systems and Planetary Virtual Observatory. Earth and Space Science, 2019, 6, 515-526.	2.6	1
2	A New South Polar Digital Terrain Model of Mars from the High-Resolution Stereo Camera (HRSC) onboard the ESA Mars Express. Planetary and Space Science, 2019, 174, 43-55.	1.7	15
3	The various ages of Occator crater, Ceres: Results of a comprehensive synthesis approach. Icarus, 2019, 320, 60-82.	2.5	38
4	Massive stereo-based DTM production for Mars on cloud computers. Planetary and Space Science, 2018, 154, 30-58.	1.7	33
5	The Web-Based Interactive Mars Analysis and Research System for HRSC and the iMars Project. Earth and Space Science, 2018, 5, 308-323.	2.6	10
6	Automatic Coregistration and orthorectification (ACRO) and subsequent mosaicing of NASA high-resolution imagery over the Mars MC11 quadrangle, using HRSC as a baseline. Planetary and Space Science, 2018, 151, 33-42.	1.7	9
7	The High Resolution Stereo Camera (HRSC) of Mars Express and its approach to science analysis and mapping for Mars and its satellites. Planetary and Space Science, 2016, 126, 93-138.	1.7	128
8	Systematic processing of Mars Express HRSC panchromatic and colour image mosaics: Image equalisation using an external brightness reference. Planetary and Space Science, 2016, 121, 18-26.	1.7	21
9	Age determination of linear surface features using the Buffered Crater Counting approach – Case studies of the Sirenum and Fortuna Fossae graben systems on Mars. Icarus, 2015, 250, 384-394.	2.5	53
10	The Cyborg Astrobiologist: matching of prior textures by image compression for geological mapping and novelty detection. International Journal of Astrobiology, 2014, 13, 191-202.	1.6	4
11	Morphology and formation ages of mid-sized post-Rheasilvia craters – Geology of quadrangle Tuccia, Vesta. Icarus, 2014, 244, 133-157.	2.5	27
12	The cratering record, chronology and surface ages of (4) Vesta in comparison to smaller asteroids and the ages of HED meteorites. Planetary and Space Science, 2014, 103, 104-130.	1.7	80
13	The Cyborg Astrobiologist: testing a novelty detection algorithm on two mobile exploration systems at Rivas Vaciamadrid in Spain and at the Mars Desert Research Station in Utah. International Journal of Astrobiology, 2010, 9, 11-27.	1.6	6
14	EU-FP7-iMARS: ANALYSIS OF MARS MULTI-RESOLUTION IMAGES USING AUTO-COREGISTRATION, DATA MINING AND CROWD SOURCE TECHNIQUES: PROCESSED RESULTS – A FIRST LOOK. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B4, 453-458.	0.2	1