

Harold Clenet

List of Publications by Year in descending order

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19
papers

642
citations

623734

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times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Vine Hyperspectral Signature through Different Irrigation Plans: A First Step to Monitor Vineyard Water Status. <i>Remote Sensing</i> , 2021, 13, 536.	4.0	15
2	Towards Vine Water Status Monitoring on a Large Scale Using Sentinel-2 Images. <i>Remote Sensing</i> , 2021, 13, 1837.	4.0	9
3	Monitoring vineyard water status using Sentinel-2 images: qualitative survey on five wine estates in the south of France. <i>Oeno One</i> , 2021, 55, 115-127.	1.4	2
4	On the Potentiality of UAV Multispectral Imagery to Detect Flavescence dorée and Grapevine Trunk Diseases. <i>Remote Sensing</i> , 2019, 11, 23.	4.0	69
5	MarsSI: Martian surface data processing information system. <i>Planetary and Space Science</i> , 2018, 150, 157-170.	1.7	38
6	Higher Order Nonlinear Hyperspectral Unmixing for Mineralogical Analysis Over Extraterrestrial Bodies. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 3722-3733.	4.9	3
7	Identification of mafic minerals on Mars by nonlinear hyperspectral unmixing. , 2016, , .		5
8	Joint Anomaly Detection and Spectral Unmixing for Planetary Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 6879-6894.	6.3	13
9	Deep alteration between Hellas and Isidis Basins. <i>Icarus</i> , 2015, 260, 141-160.	2.5	27
10	A deep crust-mantle boundary in the asteroid 4Vesta. <i>Nature</i> , 2014, 511, 303-306.	27.8	54
11	A systematic mapping procedure based on the Modified Gaussian Model to characterize magmatic units from olivine/pyroxenes mixtures: Application to the Syrtis Major volcanic shield on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 1632-1655.	3.6	33
12	Pristine Noachian crust and key geologic transitions in the lower walls of Valles Marineris: Insights into early igneous processes on Mars. <i>Icarus</i> , 2012, 221, 420-435.	2.5	65
13	Composition and structures of the subsurface in the vicinity of Valles Marineris as revealed by central uplifts of impact craters. <i>Icarus</i> , 2012, 221, 436-452.	2.5	43
14	Dikes of distinct composition intruded into Noachian-aged crust exposed in the walls of Valles Marineris. <i>Geophysical Research Letters</i> , 2011, 38, .	4.0	40
15	A new systematic approach using the Modified Gaussian Model: Insight for the characterization of chemical composition of olivines, pyroxenes and olivine-pyroxene mixtures. <i>Icarus</i> , 2011, 213, 404-422.	2.5	63
16	Thick sections of layered ultramafic cumulates in the Oman ophiolite revealed by an airborne hyperspectral survey: Petrogenesis and relationship to mantle diapirism. <i>Lithos</i> , 2010, 114, 265-281.	1.4	44
17	Surface-compositional properties of the Malea Planum region of the Circum-Hellas Volcanic Province, Mars. <i>Earth and Planetary Science Letters</i> , 2010, 294, 451-465.	4.4	17
18	Geological mapping strategy using visible near-infrared-shortwave infrared hyperspectral remote sensing: Application to the Oman ophiolite (Sumail Massif). <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	23

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19	Cassini/VIMS hyperspectral observations of the HUYGENS landing site on Titan. Planetary and Space Science, 2006, 54, 1510-1523.	1.7	79