

Stelios P Mertikas

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

254
citations

840776

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all docs

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22
times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	The GAVDOS Mean Sea Level and Altimeter Calibration Facility: Results for Jason-1. <i>Marine Geodesy</i> , 2004, 27, 631-655.	2.0	34
2	Fifteen Years of Cal/Val Service to Reference Altimetry Missions: Calibration of Satellite Altimetry at the Permanent Facilities in Gavdos and Crete, Greece. <i>Remote Sensing</i> , 2018, 10, 1557.	4.0	27
3	Automatic and Online Detection of Small but Persistent Shifts in GPS Station Coordinates by Statistical Process Control. <i>GPS Solutions</i> , 2001, 5, 39-50.	4.3	19
4	The ESA Permanent Facility for Altimetry Calibration: Monitoring Performance of Radar Altimeters for Sentinel-3A, Sentinel-3B and Jason-3 Using Transponder and Sea-Surface Calibrations with FRM Standards. <i>Remote Sensing</i> , 2020, 12, 2642.	4.0	19
5	Monitoring the quality of GPS station coordinates in real time. <i>GPS Solutions</i> , 2007, 11, 119-128.	4.3	17
6	Calibration of an Airborne Interferometric Radar Altimeter over the Qingdao Coast Sea, China. <i>Remote Sensing</i> , 2020, 12, 1651.	4.0	15
7	First preliminary results for the absolute calibration of the Chinese HY-2 altimetric mission using the CRS1 calibration facilities in West Crete, Greece. <i>Advances in Space Research</i> , 2016, 57, 78-95.	2.6	13
8	An Action Plan Towards Fiducial Reference Measurements for Satellite Altimetry. <i>Remote Sensing</i> , 2019, 11, 1993.	4.0	13
9	Validation of Sentinel-3 OLCI Integrated Water Vapor Products Using Regional GNSS Measurements in Crete, Greece. <i>Remote Sensing</i> , 2020, 12, 2606.	4.0	13
10	Integration of seismic and image data processing for rockfall monitoring and early warning along transportation networks. <i>Natural Hazards</i> , 2016, 83, 133-153.	3.4	11
11	Absolute Calibration of the European Sentinel-3A Surface Topography Mission over the Permanent Facility for Altimetry Calibration in west Crete, Greece. <i>Remote Sensing</i> , 2018, 10, 1808.	4.0	11
12	Elastic Fault Interactions and Earthquake Rupture Along the Southern Hellenic Subduction Plate Interface Zone in Greece. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086604.	4.0	11
13	Satellite Altimetry: Achievements and Future Trends by a Scientometrics Analysis. <i>Remote Sensing</i> , 2022, 14, 3332.	4.0	11
14	Description of accuracy using conventional and robust estimates of scale. <i>Marine Geodesy</i> , 1994, 17, 251-269.	2.0	8
15	First Calibration Results for the SARAL/AltiKa Altimetric Mission Using the Gavdos Permanent Facilities. <i>Marine Geodesy</i> , 2015, 38, 249-259.	2.0	7
16	Real-time failure detection in the carrier phase measurements of GPS by robust and conventional kalman state estimates. <i>Marine Geodesy</i> , 1998, 21, 41-65.	2.0	6
17	Performance evaluation of the CDN1 altimetry Cal/Val transponder to internal and external constituents of uncertainty. <i>Advances in Space Research</i> , 2022, 70, 2458-2479.	2.6	6
18	Fiducial reference systems for time and coordinates in satellite altimetry. <i>Advances in Space Research</i> , 2021, 68, 1140-1160.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Complementing geotechnical slope stability and land movement analysis using satellite DInSAR. Open Geosciences, 2014, 6, .	1.7	3
20	Scientific and Operational Roadmap for Fiducial Reference Measurements in Satellite Altimetry Calibration & Validation. International Association of Geodesy Symposia, 2019, , 105-109.	0.4	2
21	Monitoring the Performance of HY-2B and Jason-2/3 Sea Surface Height via the China Altimetry Calibration Cooperation Plan. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	2
22	A study on the performance of covariance matrix estimators. Marine Geodesy, 1993, 16, 259-276.	2.0	1