

Stelios P Mertikas

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Satellite Altimetry: Achievements and Future Trends by a Scientometrics Analysis. Remote Sensing, 2022, 14, 3332.	4.0	11
3	Performance evaluation of the CDN1 altimetry Cal/Val transponder to internal and external constituents of uncertainty. Advances in Space Research, 2022, 70, 2458-2479.	2.6	6
4	Fiducial reference systems for time and coordinates in satellite altimetry. Advances in Space Research, 2021, 68, 1140-1160.	2.6	5
5	Validation of Sentinel-3 OLCI Integrated Water Vapor Products Using Regional GNSS Measurements in Crete, Greece. Remote Sensing, 2020, 12, 2606.	4.0	13
6	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. Remote Sensing, 2020, 12, 2642.	4.0	19
7	Elastic Fault Interactions and Earthquake Rupture Along the Southern Hellenic Subduction Plate Interface Zone in Greece. Geophysical Research Letters, 2020, 47, e2019GL086604.	4.0	11
8	Calibration of an Airborne Interferometric Radar Altimeter over the Qingdao Coast Sea, China. Remote Sensing, 2020, 12, 1651.	4.0	15
9	An Action Plan Towards Fiducial Reference Measurements for Satellite Altimetry. Remote Sensing, 2019, 11, 1993.	4.0	13
10	Scientific and Operational Roadmap for Fiducial Reference Measurements in Satellite Altimetry Calibration & Validation. International Association of Geodesy Symposia, 2019, , 105-109.	0.4	2
11	Absolute Calibration of the European Sentinel-3A Surface Topography Mission over the Permanent Facility for Altimetry Calibration in west Crete, Greece. Remote Sensing, 2018, 10, 1808.	4.0	11
12	Fifteen Years of Cal/Val Service to Reference Altimetry Missions: Calibration of Satellite Altimetry at the Permanent Facilities in Gavdos and Crete, Greece. Remote Sensing, 2018, 10, 1557.	4.0	27
13	Integration of seismic and image data processing for rockfall monitoring and early warning along transportation networks. Natural Hazards, 2016, 83, 133-153.	3.4	11
14	First preliminary results for the absolute calibration of the Chinese HY-2 altimetric mission using the CRS1 calibration facilities in West Crete, Greece. Advances in Space Research, 2016, 57, 78-95.	2.6	13
15	First Calibration Results for the SARAL/AltiKa Altimetric Mission Using the Gavdos Permanent Facilities. Marine Geodesy, 2015, 38, 249-259.	2.0	7
16	Complementing geotechnical slope stability and land movement analysis using satellite DInSAR. Open Geosciences, 2014, 6, .	1.7	3
17	Monitoring the quality of GPS station coordinates in real time. GPS Solutions, 2007, 11, 119-128.	4.3	17
18	The GAVDOS Mean Sea Level and Altimeter Calibration Facility: Results for Jason-1. Marine Geodesy, 2004, 27, 631-655.	2.0	34

#	ARTICLE	IF	CITATIONS
19	Automatic and Online Detection of Small but Persistent Shifts in GPS Station Coordinates by Statistical Process Control. GPS Solutions, 2001, 5, 39-50.	4.3	19
20	Real-time failure detection in the carrier phase measurements of GPS by robust and conventional kalman state estimates. Marine Geodesy, 1998, 21, 41-65.	2.0	6
21	Description of accuracy using conventional and robust estimates of scale. Marine Geodesy, 1994, 17, 251-269.	2.0	8
22	A study on the performance of covariance matrix estimators. Marine Geodesy, 1993, 16, 259-276.	2.0	1