

Michael LÃ¶sler

List of Publications by Year in descending order

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17
papers

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1040056

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docs citations

17
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Outlier Detection: Hypothesis Tests versus Model Selection by Information Criteria. Journal of Surveying Engineering, - ASCE, 2016, 142, .	1.7	40
2	IVS contribution to ITRF2014. Journal of Geodesy, 2016, 90, 631-654.	3.6	30
3	New Mathematical Model for Reference Point Determination of an Azimuth-Elevation Type Radio Telescope. Journal of Surveying Engineering, - ASCE, 2009, 135, 131-135.	1.7	27
4	Automated and continual determination of radio telescope reference points with sub-mm accuracy: results from a campaign at the Onsala Space Observatory. Journal of Geodesy, 2013, 87, 791-804.	3.6	18
5	Terrestrial monitoring of a radio telescope reference point using comprehensive uncertainty budgeting. Journal of Geodesy, 2016, 90, 467-486.	3.6	18
6	Congruence analysis of geodetic networks – hypothesis tests versus model selection by information criteria. Journal of Applied Geodesy, 2017, 11, .	1.1	17
7	Reference point determination with a new mathematical model at the 20 m VLBI radio telescope in Wettzell. Journal of Applied Geodesy, 2008, 2, .	1.1	12
8	Analysis of the temporal correlations of TLS range observations from plane fitting residuals. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 119-132.	11.1	11
9	Gravitational deformation of ring-focus antennas for VGOS: first investigations at the Onsala twin telescopes project. Journal of Geodesy, 2019, 93, 2069-2087.	3.6	9
10	Mean Shift versus Variance Inflation Approach for Outlier Detection – A Comparative Study. Mathematics, 2020, 8, 991.	2.2	8
11	ILRS Reference Point Determination Using Close Range Photogrammetry. Applied Sciences (Switzerland), 2021, 11, 2785.	2.5	7
12	Bias in least-squares adjustment of implicit functional models. Survey Review, 2021, 53, 223-234.	1.2	7
13	A modified approach for automated reference point determination of SLR and VLBI telescopes. TM Technisches Messen, 2018, 85, 616-626.	0.7	6
14	On the consideration of combined measurement uncertainties in relation to GUM concepts in adjustment computations. Journal of Applied Geodesy, 2022, 16, 181-201.	1.1	3
15	Orthogonale Regression – Realität oder Isotropie?. TM Technisches Messen, 2020, 87, 637-646.	0.7	2
16	How to account for temporal correlations with a diagonal correlation model in a nonlinear functional model: a plane fitting with simulated and real TLS measurements. Journal of Geodesy, 2021, 95, 1.	3.6	2
17	Close Range Photogrammetry for High-Precision Reference Point Determination. International Association of Geodesy Symposia, 2022, , 57-65.	0.4	2