

Xing Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/22887/publications.pdf>

Version: 2024-02-01

20
papers

679
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	Weighted geometric circle fitting for the Brogar Ring: Parameter-free approach and bias analysis. Measurement: Journal of the International Measurement Confederation, 2022, 192, 110832.	5.0	4
2	Data Snooping for the Equality Constrained Nonlinear Gauss-Helmert Model Using Sensitivity Analysis. Journal of Surveying Engineering, - ASCE, 2020, 146, .	1.7	2
3	A universally efficient algorithm and precision assessment for seamless 3D similarity transformation. Measurement Science and Technology, 2020, 31, 105006.	2.6	9
4	General Total Least Squares Theory for Geodetic Coordinate Transformations. Applied Sciences (Switzerland), 2020, 10, 2598.	2.5	7
5	A dual quaternion algorithm of the Helmert transformation problem. Earth, Planets and Space, 2018, 70, .	2.5	14
6	Accurate coupled lines fitting in an errors-in-variables framework. Survey Review, 2018, 50, 386-396.	1.2	0
7	Spatiotemporal change patterns of urban lakes in China's major cities between 1990 and 2015. International Journal of Digital Earth, 2018, 11, 1085-1102.	3.9	21
8	Comparison of Structured and Weighted Total Least-Squares Adjustment Methods for Linearly Structured Errors-in-Variables Models. Journal of Surveying Engineering, - ASCE, 2017, 143, .	1.7	19
9	Long-term behavior and statistical characterization of BeiDou signal-in-space errors. GPS Solutions, 2017, 21, 1907-1922.	4.3	37
10	Bayesian inference for the Errors-In-Variables model. Studia Geophysica Et Geodaetica, 2017, 61, 35-52.	0.5	20
11	TLS-bridged co-prediction of tree-level multifarious stem structure variables from worldview-2 panchromatic imagery: a case study of the boreal forest. International Journal of Digital Earth, 2017, 10, 701-718.	3.9	3
12	A novel water index for urban high-resolution eight-band WorldView-2 imagery. International Journal of Digital Earth, 2016, 9, 925-941.	3.9	45
13	On the errors-in-variables model with equality and inequality constraints for selected numerical examples. Acta Geodaetica Et Geophysica, 2016, 51, 515-525.	1.6	17
14	On total least squares for quadratic form estimation. Studia Geophysica Et Geodaetica, 2015, 59, 366-379.	0.5	16
15	Combining Pixel- and Object-Based Machine Learning for Identification of Water-Body Types From Urban High-Resolution Remote-Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2097-2110.	4.9	100
16	Weighted total least-squares with constraints: a universal formula for geodetic symmetrical transformations. Journal of Geodesy, 2015, 89, 459-469.	3.6	95
17	A structured and constrained Total Least-Squares solution with cross-covariances. Studia Geophysica Et Geodaetica, 2014, 58, 1-16.	0.5	60
18	On non-combinatorial weighted total least squares with inequality constraints. Journal of Geodesy, 2014, 88, 805-816.	3.6	52

#	ARTICLE	IF	CITATIONS
19	A total least squares solution for geodetic datum transformations. <i>Acta Geodaetica Et Geophysica</i> , 2014, 49, 189-207.	1.6	48
20	Weighted total least squares: necessary and sufficient conditions, fixed and random parameters. <i>Journal of Geodesy</i> , 2013, 87, 733-749.	3.6	110