Ka-zhong Deng

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/775963/publications.pdf

Version: 2024-02-01

51	867	471509	526287
papers	citations	17 h-index	27 g-index

51	51	51	814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring Mining Subsidence Using A Combination of Phase-Stacking and Offset-Tracking Methods. Remote Sensing, 2015, 7, 9166-9183.	4.0	98
2	Strategies Combining Spectral Angle Mapper and Change Vector Analysis to Unsupervised Change Detection in Multispectral Images. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 681-685.	3.1	77
3	Unsupervised change detection using fuzzyc-means and MRF from remotely sensed images. Remote Sensing Letters, 2013, 4, 1185-1194.	1.4	52
4	Monitoring and Analysis of Surface Deformation in Mining Area Based on InSAR and GRACE. Remote Sensing, 2018, 10, 1392.	4.0	51
5	Research on ground deformation monitoring method in mining areas using the probability integral model fusion D-InSAR, sub-band InSAR and offset-tracking. International Journal of Applied Earth Observation and Geoinformation, 2020, 85, 101981.	2.8	39
6	Effects of mining speed on the developmental features of mining-induced ground fissures. Bulletin of Engineering Geology and the Environment, 2019, 78, 6297-6309.	3.5	35
7	An improved pixel-tracking method for monitoring mining subsidence. Remote Sensing Letters, 2016, 7, 731-740.	1.4	34
8	Combining SAR interferometric phase and intensity information for monitoring of large gradient deformation in coal mining area. European Journal of Remote Sensing, 2015, 48, 701-717.	3.5	29
9	Subsidence Mechanism and Stability Assessment Methods for Partial Extraction Mines for Sustainable Development of Mining Citiesâ€”A Review. Sustainability, 2018, 10, 113.	3.2	28
10	Mechanism of formation of sliding ground fissure in loess hilly areas caused by underground mining. International Journal of Mining Science and Technology, 2015, 25, 553-558.	10.3	25
11	Long-Term Stability Evaluation and Pillar Design Criterion for Room-and-Pillar Mines. Energies, 2017, 10, 1644.	3.1	25
12	An improved method for long-term stability evaluation of strip mining and pillar design. International Journal of Rock Mechanics and Minings Sciences, 2018, 107, 25-30.	5.8	24
13	An improved neighborhood-based ratio approach for change detection in SAR images. European Journal of Remote Sensing, 2018, 51, 723-738.	3.5	21
14	An approach based on discrete wavelet transform to unsupervised change detection in multispectral images. International Journal of Remote Sensing, 2017, 38, 4914-4930.	2.9	18
15	Large deformation monitoring over a coal mining region using pixel-tracking method with high-resolution Radarsat-2 imagery. Remote Sensing Letters, 2016, 7, 219-228.	1.4	17
16	An Improved Adaptive Template Size Pixel-Tracking Method for Monitoring Large-Gradient Mining Subsidence. Journal of Sensors, 2017, 2017, 1-11.	1.1	17
17	A novel approach based on structural information for change detection in SAR images. International Journal of Remote Sensing, 2018, 39, 2341-2365.	2.9	17
18	Monitoring and analysis of mining 3D deformation by multi-platform SAR images with the probability integral method. Frontiers of Earth Science, 2019, 13, 169-179.	2.1	17

#	Article	IF	Citations
19	Analysis of stability of coal pillars with multi-coal seam strip mining. Transactions of Nonferrous Metals Society of China, 2011, 21, s549-s555.	4.2	16
20	Calculation of maximum ground movement and deformation caused by mining. Transactions of Nonferrous Metals Society of China, 2011, 21, s562-s569.	4.2	15
21	Deriving Ice Motion Patterns in Mountainous Regions by Integrating the Intensity-Based Pixel-Tracking and Phase-Based D-InSAR and MAI Approaches: A Case Study of the Chongce Glacier. Remote Sensing, 2016, 8, 611.	4.0	15
22	Mine Size Effects on Coal Pillar Stress and Their Application for Partial Extraction. Sustainability, 2018, 10, 792.	3.2	15
23	A Spatial-Temporal Adaptive Neighborhood-Based Ratio Approach for Change Detection in SAR Images. Remote Sensing, 2018, 10, 1295.	4.0	13
24	Joint Probability Integral Method and TCPInSAR for Monitoring Mining Time-Series Deformation. Journal of the Indian Society of Remote Sensing, 2019, 47, 63-75.	2.4	12
25	A Scale-Driven Change Detection Method Incorporating Uncertainty Analysis for Remote Sensing Images. Remote Sensing, 2016, 8, 745.	4.0	11
26	Monitoring and analysis of mining 3D time-series deformation based on multi-track SAR data. International Journal of Remote Sensing, 2019, 40, 1409-1425.	2.9	11
27	Monitoring of large-scale deformation in mining areas using sub-band InSAR and the probability integral fusion method. International Journal of Remote Sensing, 2019, 40, 2602-2622.	2.9	11
28	Adaptive Generalized Likelihood Ratio Test for Change Detection in SAR Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 416-420.	3.1	11
29	Registrating Oblique SAR Images Based on Complementary Integrated Filtering and Multilevel Matching. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3445-3457.	4.9	10
30	The application of a combination of weighted least-squares and autoregressive methods in predictions of polar motion parameters. Acta Geodaetica Et Geophysica, 2018, 53, 247-257.	1.6	9
31	It is a misunderstanding that log ratio outperforms ratio in change detection of SAR images. European Journal of Remote Sensing, 2019, 52, 484-492.	3.5	9
32	Fusion-based approach to change detection to reduce the effect of the trade-off parameter in the active contour model. Remote Sensing Letters, 2015, 6, 39-48.	1.4	8
33	One-step method for predicting LOD parameters based on LS+AR model. Journal of Spatial Science, 2021, 66, 317-328.	1.5	8
34	Change Detection in SAR Images Based on Progressive Nonlocal Theory. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	8
35	Registrating oblique images by integrating affine and scale-invariant features. International Journal of Remote Sensing, 2018, 39, 3386-3405.	2.9	7
36	Selecting data for autoregressive modeling in polar motion prediction. Acta Geodaetica Et Geophysica, 2019, 54, 557-566.	1.6	6

#	Article	IF	Citations
37	Combining Optimized SAR-SIFT Features and RD Model for Multisource SAR Image Registration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	6
38	An Adaptive Offset-Tracking Method Based on Deformation Gradients and Image Noises for Mining Deformation Monitoring. Remote Sensing, 2021, 13, 2958.	4.0	6
39	Filtering Approach Based on Voter Model and Spatial-Contextual Information to the Binary Change Map in SAR Images. Journal of the Indian Society of Remote Sensing, 2017, 45, 733-741.	2.4	5
40	Improved WÎ±SH Feature Matching Based on 2D-DWT for Stereo Remote Sensing Images. Sensors, 2018, 18, 3494.	3.8	5
41	Change detection in multispectral images based on multiband structural information. Remote Sensing Letters, 2018, 9, 1167-1176.	1.4	5
42	Time Series Prediction of Mining Subsidence Based on Genetic Algorithm Neural Network. , 2011, , .		4
43	Compressed Sensing, Pseudodictionary-Based, Superresolution Reconstruction. Journal of Sensors, 2016, 2016, 1-9.	1.1	4
44	Change Detection in SAR Images via Ratio-Based Gaussian Kernel and Nonlocal Theory. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
45	A polar motion prediction method considering the polar coordinates. Advances in Space Research, 2021, 68, 1318-1328.	2.6	4
46	Wavelet-Based Topographic Effect Compensation in Accurate Mountain Glacier Velocity Extraction: A Case Study of the Muztagh Ata Region, Eastern Pamir. Remote Sensing, 2017, 9, 697.	4.0	2
47	Development an instability model for bord-and-pillar goaf using elastic foundation plate theory. , 2011, , .		1
48	Calculation method of first collapse span with superhigh water material backfill mining. Science in China Series A: Mathematics, 2012, 18, 374-378.	0.2	1
49	Topographical Effects on Stress Distribution in Partially Mined Sites in Mountainous Areas. Journal of Performance of Constructed Facilities, 2019, 33, 04019065.	2.0	1
50	Study of mining induced overlying rock fissure numerical simulation based on intelligence parameters inversion. , 2011, , .		0
51	Study of strip-filling for old room and pillar mining goaf. , 2011, , .		0