

Ka-zhong Deng

List of Publications by Year in descending order

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51
papers

867
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471509

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all docs

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docs citations

51
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Change Detection in SAR Images Based on Progressive Nonlocal Theory. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	8
4	One-step method for predicting LOD parameters based on LS+AR model. Journal of Spatial Science, 2021, 66, 317-328.	1.5	8
5	A polar motion prediction method considering the polar coordinates. Advances in Space Research, 2021, 68, 1318-1328.	2.6	4
6	An Adaptive Offset-Tracking Method Based on Deformation Gradients and Image Noises for Mining Deformation Monitoring. Remote Sensing, 2021, 13, 2958.	4.0	6
7	Adaptive Generalized Likelihood Ratio Test for Change Detection in SAR Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 416-420.	3.1	11
8	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
9	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
10	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
11	Selecting data for autoregressive modeling in polar motion prediction. Acta Geodaetica Et Geophysica, 2019, 54, 557-566.	1.6	6
12	Topographical Effects on Stress Distribution in Partially Mined Sites in Mountainous Areas. Journal of Performance of Constructed Facilities, 2019, 33, 04019065.	2.0	1
13	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
14	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
15	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
16	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
17	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
18	Registrating oblique images by integrating affine and scale-invariant features. International Journal of Remote Sensing, 2018, 39, 3386-3405.	2.9	7

#	ARTICLE	IF	CITATIONS
19	A novel approach based on structural information for change detection in SAR images. <i>International Journal of Remote Sensing</i> , 2018, 39, 2341-2365.	2.9	17
20	Improved Walsh Feature Matching Based on 2D-DWT for Stereo Remote Sensing Images. <i>Sensors</i> , 2018, 18, 3494.	3.8	5
21	Change detection in multispectral images based on multiband structural information. <i>Remote Sensing Letters</i> , 2018, 9, 1167-1176.	1.4	5
22	An improved neighborhood-based ratio approach for change detection in SAR images. <i>European Journal of Remote Sensing</i> , 2018, 51, 723-738.	3.5	21
23	Monitoring and Analysis of Surface Deformation in Mining Area Based on InSAR and GRACE. <i>Remote Sensing</i> , 2018, 10, 1392.	4.0	51
24	Mine Size Effects on Coal Pillar Stress and Their Application for Partial Extraction. <i>Sustainability</i> , 2018, 10, 792.	3.2	15
25	An improved method for long-term stability evaluation of strip mining and pillar design. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 107, 25-30.	5.8	24
26	Subsidence Mechanism and Stability Assessment Methods for Partial Extraction Mines for Sustainable Development of Mining Cities—A Review. <i>Sustainability</i> , 2018, 10, 113.	3.2	28
27	The application of a combination of weighted least-squares and autoregressive methods in predictions of polar motion parameters. <i>Acta Geodaetica Et Geophysica</i> , 2018, 53, 247-257.	1.6	9
28	A Spatial-Temporal Adaptive Neighborhood-Based Ratio Approach for Change Detection in SAR Images. <i>Remote Sensing</i> , 2018, 10, 1295.	4.0	13
29	An approach based on discrete wavelet transform to unsupervised change detection in multispectral images. <i>International Journal of Remote Sensing</i> , 2017, 38, 4914-4930.	2.9	18
30	Filtering Approach Based on Voter Model and Spatial-Contextual Information to the Binary Change Map in SAR Images. <i>Journal of the Indian Society of Remote Sensing</i> , 2017, 45, 733-741.	2.4	5
31	Wavelet-Based Topographic Effect Compensation in Accurate Mountain Glacier Velocity Extraction: A Case Study of the Muztagh Ata Region, Eastern Pamir. <i>Remote Sensing</i> , 2017, 9, 697.	4.0	2
32	Long-Term Stability Evaluation and Pillar Design Criterion for Room-and-Pillar Mines. <i>Energies</i> , 2017, 10, 1644.	3.1	25
33	An Improved Adaptive Template Size Pixel-Tracking Method for Monitoring Large-Gradient Mining Subsidence. <i>Journal of Sensors</i> , 2017, 2017, 1-11.	1.1	17
34	Compressed Sensing, Pseudodictionary-Based, Superresolution Reconstruction. <i>Journal of Sensors</i> , 2016, 2016, 1-9.	1.1	4
35	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. <i>Remote Sensing</i> , 2016, 8, 611.	4.0	15
36	A Scale-Driven Change Detection Method Incorporating Uncertainty Analysis for Remote Sensing Images. <i>Remote Sensing</i> , 2016, 8, 745.	4.0	11

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37	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
38	An improved pixel-tracking method for monitoring mining subsidence. Remote Sensing Letters, 2016, 7, 731-740.	1.4	34
39	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
40	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
41	Monitoring Mining Subsidence Using A Combination of Phase-Stacking and Offset-Tracking Methods. Remote Sensing, 2015, 7, 9166-9183.	4.0	98
42	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
43	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
44	Unsupervised change detection using fuzzy <i>c</i> -means and MRF from remotely sensed images. Remote Sensing Letters, 2013, 4, 1185-1194.	1.4	52
45	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
46	Time Series Prediction of Mining Subsidence Based on Genetic Algorithm Neural Network. , 2011, , .		4
47	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
48	Calculation of maximum ground movement and deformation caused by mining. Transactions of Nonferrous Metals Society of China, 2011, 21, s562-s569.	4.2	15
49	Study of mining induced overlying rock fissure numerical simulation based on intelligence parameters inversion. , 2011, , .		0
50	Study of strip-filling for old room and pillar mining goaf. , 2011, , .		0
51	Development an instability model for bord-and-pillar goaf using elastic foundation plate theory. , 2011, , .		1