Shuang-Xi Zhang

List of Publications by Year
in descending order

39	495	840776	713466
papers	citations	11	21
		h-index	g-index

39	39	39	424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multichannel HRWS SAR Imaging Based on Range-Variant Channel Calibration and Multi-Doppler-Direction Restriction Ambiguity Suppression. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 4306-4327.	6.3	79
2	Robust Clutter Suppression and Moving Target Imaging Approach for Multichannel in Azimuth High-Resolution and Wide-Swath Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 687-709.	6.3	51
3	Focus Improvement of High-Squint SAR Based on Azimuth Dependence of Quadratic Range Cell Migration Correction. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 150-154.	3.1	47
4	A Robust Channel-Calibration Algorithm for Multi-Channel in Azimuth HRWS SAR Imaging Based on Local Maximum-Likelihood Weighted Minimum Entropy. IEEE Transactions on Image Processing, 2013, 22, 5294-5305.	9.8	45
5	Two crustal flowing channels and volcanic magma migration underneath the SE margin of the Tibetan Plateau as revealed by surface wave tomography. Journal of Asian Earth Sciences, 2016, 132, 25-39.	2.3	36
6	A Novel Moving Target Imaging Algorithm for HRWS SAR Based on Local Maximum-Likelihood Minimum Entropy. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5333-5348.	6.3	29
7	A New Motion Parameter Estimation and Relocation Scheme for Airborne Three-Channel CSSAR-GMTI Systems. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4107-4120.	6.3	23
8	A Novel Doppler Chirp Rate and Baseline Estimation Approach in the Time Domain Based on Weighted Local Maximum-Likelihood for an MC-HRWS SAR System. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 299-303.	3.1	18
9	Determination of Gravitational Potential at Ground Using Optical-Atomic Clocks on Board Satellites and on Ground Stations and Relevant Simulation Experiments. Surveys in Geophysics, 2017, 38, 757-780.	4.6	14
10	A Novel Azimuth Doppler Signal Reconstruction Approach for the GEO-LEO Bi-Static Multi-Channel HRWS SAR System. IEEE Access, 2019, 7, 39539-39546.	4.2	13
11	Ground Moving Target Indication for the Geosynchronous-Low Earth Orbit Bistatic Multichannel SAR System. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5072-5090.	4.9	12
12	A new geodynamic model related to seismicity beneath the southeastern margin of the Tibetan Plateau revealed by regional tomography. Geophysical Journal International, 2018, 214, 933-951.	2.4	11
13	Fine crustal and uppermost mantle S-wave velocity structure beneath the Tengchong volcanic area inferred from receiver function and surface-wave dispersion: constraints on magma chamber distribution. Bulletin of Volcanology, 2018, 80, 1.	3.0	10
14	A Novel Weighted Doppler Centroid Estimation Approach Based on Electromagnetic Scattering Model for Multichannel in Azimuth HRWS SAR System. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5015-5034.	6.3	10
15	Maximum‐likelihood‐based Doppler centroid estimation algorithm for MC‐HRWS SAR system. Electronics Letters, 2014, 50, 1630-1631.	1.0	8
16	Distribution of Intra-Crustal Low Velocity Zones beneath Yunnan from Seismic Ambient Noise Tomography. Journal of Earth Science (Wuhan, China), 2018, 29, 1409-1418.	3.2	8
17	Effective dispersion curve and pseudo multimode dispersion curves for Rayleigh wave. Journal of Earth Science (Wuhan, China), 2011, 22, 226-230.	3.2	7
18	A Novel Two-Step Scheme Based on Joint GO-DPCA and Local STAP in Image Domain for Multichannel SAR-GMTI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8259-8272.	4.9	7

#	ARTICLE	IF	CITATIONS
19	Finite-difference modeling of surface waves in poroelastic media and stress mirror conditions. Applied Geophysics, 2017, 14, 105-114.	0.6	6
20	A Novel Focus Approach for Squint Mode Multi-Channel in Azimuth High-Resolution and Wide-Swath SAR Imaging Processing. IEEE Access, 2018, 6, 74303-74319.	4.2	6
21	Structural Evolution of the Kohat Fold and Thrust Belt in the Shakardarra Area (South Eastern) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	6
22	Lithospheric structure of Hubei Province, central China, from Rayleigh wave tomography: insight into the spatial contact relationship between the Yangtze Plate and the eastern Qinling-Dabie orogenic belt. Geophysical Journal International, 2020, 221, 1669-1683.	2.4	6
23	GIS-Based Groundwater Potential Assessment in Varied Topographic Areas of Mianyang City, Southwestern China, Using AHP. Remote Sensing, 2021, 13, 4684.	4.0	6
24	Fault slip model of 2013 Lushan Earthquake retrieved based on GPS coseismic displacements. Journal of Earth Science (Wuhan, China), 2015, 26, 537-547.	3.2	5
25	Characteristics Analysis and Image Processing for Full-Polarization Synthetic Aperture Radar Based on Electromagnetic Scattering From Flat Horizontal Perfect Electric Conducting Reflector. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 313-327.	6.3	5
26	Crustal Structure of Yunnan Province of China from Teleseismic Receiver Functions: Implications for Regional Crust Evolution. Journal of Earth Science (Wuhan, China), 2018, 29, 1419-1430.	3.2	5
27	A Novel Clutter Covariance Matrix Estimation Method Based on Feature Subspace for Space-Based Early Warning Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11217-11228.	4.9	5
28	Regional lithospheric deformation beneath the East Qinling-Dabie orogenic belt based on ambient noise tomography. Geophysical Journal International, 2021, 228, 1294-1312.	2.4	4
29	Short-Impending Earthquake Anomaly Index Extraction of GNSS Continuous Observation Data in Yunnan, Southwestern China. Journal of Earth Science (Wuhan, China), 2018, 29, 230-236.	3.2	3
30	A Novel Compressive Sensing-Based Multichannel HRWS SAR Imaging Technique for Moving Targets. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 690-703.	4.9	3
31	Viscoelastic representation of surface waves in patchy saturated poroelastic media. Earthquake Science, 2014, 27, 421-431.	0.9	2
32	Recovering period of postseismic fluid pressure in fault valve. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	3.2	2
33	Interferometric SAR Phase Filtering With SURE-Based Non-Local Method. IEEE Access, 2020, 8, 66722-66730.	4.2	1
34	An Effective Clutter Suppression Approach Based on Null-Space Technique for the Space-Borne Multichannel in Azimuth High-Resolution and Wide-Swath SAR System. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-28.	6.3	1
35	An Adaptive Subpixel Coregistration for High Resolution Insar Image Data. , 2021, , .		1
36	Influence of uneven trace spacing on Rayleigh wave dispersion. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	0

#	ARTICLE	IF	CITATIONS
37	Features of Hi-modal Rayleigh-wave Dispersion in Layered Azimuthally Anisotropic Media. , 2013, , .		0
38	A Moving Target Imaging Algorithm Based on Compressive Sensing for Multi-channel in Azimuth HRWS SAR System. , 2019, , .		0
39	Characteristics and Cause Analysis of the 1954 Yangtze Precipitation Anomalies. Remote Sensing, 2022, 14, 555.	4.0	0