Jian Yang

List of Publications by Year in Descending Order

161 papers	**1,884** citations	**23** h-index	**36** g-index
230 ext. papers	**2,419** ext. citations	**3.9** avg, IF	**5.22** L-index

#	Paper	IF	Citations
161	Two-Dimensional Spectral Analysis Filter for Removal of LFM Radar Interference in Spaceborne SAR Imagery. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 60, 1-16	8.1	1
160	An Unsupervised Port Detection Method in Polarimetric SAR Images Based on Three-Component Decomposition and Multi-Scale Thresholding Segmentation. *Remote Sensing*, **2022**, 14, 205	5	0
159	Joint Polarimetric Subspace Detector Based on Modified Linear Discriminant Analysis. *IEEE Transactions on Geoscience and Remote Sensing*, **2022**, 1-1	8.1	3
158	Scattering Intensity Analysis and Classification of Two Types of Rice Based on Multi-Temporal and Multi-Mode Simulated Compact Polarimetric SAR Data. *Remote Sensing*, **2022**, 14, 1644	5	1
157	Offshore Oil Platform Detection in Polarimetric SAR Images Using Level Set Segmentation of Limited Initial Region and Convolutional Neural Network. *Remote Sensing*, **2022**, 14, 1729	5	1
156	Spatial deception suppression for wideband linear frequency modulation signals based on fractional Fourier transform with robust adaptive beamforming **2022**, 126, 103485		0
155	A Novel Space-Borne High-Resolution SAR System with the Non-Uniform Hybrid Sampling Technology for Space Targets Imaging. *Applied Sciences (Switzerland)*, **2022**, 12, 4848	2.6	0
154	. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 2727-2743	8.1	1
153	Accurate and efficient solution of electromagnetic scattering from randomly rough surface using MoM-SMCG with adaptive quadrature. *Electronics Letters*, **2021**, 57, 694-696	1.1	
152	Ship Detection From PolSAR Imagery Using the Hybrid Polarimetric Covariance Matrix. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 1575-1579	4.1	5
151	Target Decomposition Based on Symmetric Scattering Model for Hybrid Polarization SAR Imagery. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 494-498	4.1	3
150	PolSAR Ship Detection Based on Neighborhood Polarimetric Covariance Matrix. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 4874-4887	8.1	12
149	BSF: Block Subspace Filter for Removing Narrowband and Wideband Radio Interference Artifacts in Single-Look Complex SAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-16	8.1	4
148	A Novel Region-Based Image Registration Method for Multisource Remote Sensing Images Via CNN. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2021**, 14, 1821-1831	4.7	3
147	The Polarimetric Detection Optimization Filter and Its Statistical Test for Ship Detection. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-18	8.1	3
146	A PolSAR despeckling method based on Wishart gradient and anisotropic diffusion. *Electronics Letters*, **2021**, 57, 126-128	1.1	0
145	A Novel Four-Stage Method for Vegetation Height Estimation with Repeat-Pass PolInSAR Data via Temporal Decorrelation Adaptive Estimation and Distance Transformation. *Remote Sensing*, **2021**, 13, 213	5	3

144	PolSAR Ship Detection Using the Superpixel-Based Neighborhood Polarimetric Covariance Matrices. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	0
143	Analysis of feasibility and advantages of multi-source image registration using regional features. *Electronics Letters*, **2021**, 57, 285-287	1.1	0
142	Framework for Reconstruction of Pseudo Quad Polarimetric Imagery from General Compact Polarimetry. *Remote Sensing*, **2021**, 13, 530	5	3
141	A new target scattering vector. *Electronics Letters*, **2021**, 57, 282-284	1.1	0
140	Dual-Polarized SAR Ship Grained Classification Based on CNN With Hybrid Channel Feature Loss. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	5
139	SLIC Superpixel Segmentation for Polarimetric SAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-17	8.1	7
138	Fine Classification of Rice Paddy Based on RHSI-DT Method Using Multi-Temporal Compact Polarimetric SAR Data. *Remote Sensing*, **2021**, 13, 5060	5	
137	An edge attention-based geodesic distance for PolSAR image superpixel segmentation. *Electronics Letters*, **2020**, 56, 510-512	1.1	1
136	. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 8225-8241	8.1	13
135	Oil Spill Discrimination by Using General Compact Polarimetric SAR Features. *Remote Sensing*, **2020**, 12, 479	5	2
134	Robust CFAR Detector Based on Truncated Statistics for Polarimetric Synthetic Aperture Radar. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 6731-6747	8.1	21
133	A Patch-to-Pixel Convolutional Neural Network for Small Ship Detection With PolSAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 6623-6638	8.1	28
132	PolSAR Image Classification Based on Statistical Distribution and MRF. *Remote Sensing*, **2020**, 12, 1027	5	8
131	Land Cover Classification for Polsar Images Based on Mixture Models and MRF **2020**,		1
130	CFAR Ship Detection in Polarimetric Synthetic Aperture Radar Images Based on Whitening Filter. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 58-81	8.1	27
129	A Novel Ship Detection Method via Generalized Polarization Relative Entropy for PolSAR Images. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 1-5	4.1	3
128	Ship Detection With Superpixel-Level Fisher Vector in High-Resolution SAR Images. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 247-251	4.1	26
127	Formalism of Compact Polarimetric Descriptors and Extension of the $Deltaalpha_{\text{B}}/alpha_{\text{B}}$ Method for General Compact-Pol SAR. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 10322-10335	8.1	7

#	Title		
126	Least-Squares Estimation for Pseudo Quad-Pol Image Reconstruction from Linear Compact Polarimetric SAR. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 3746-3758	4.7	7
125	Ship Detection for PolSAR Images via Task-Driven Discriminative Dictionary Learning. *Remote Sensing*, **2019**, 11, 769	5	5
124	A novel change detection method combined with registration for SAR images. *Remote Sensing Letters*, **2019**, 10, 669-678	2.3	5
123	CFAR Ship Detection Methods Using Compact Polarimetric SAR in a K-Wishart Distribution. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 3737-3745	4.7	5
122	Nonuniform Rotation Parameter Estimation in ISAR Imaging by Multiple Scattering Point Set Matching. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 8144-8152	8.1	1
121	Design of large aperture sparse array for mainlobe interference cancellation. *Journal of Engineering*, **2019**, 2019, 6099-6103	0.7	0
120	Robust knowledge-aided sparse recovery STAP method for non-homogeneity clutter suppression. *Journal of Engineering*, **2019**, 2019, 6373-6376	0.7	2
119	Ground-based deformation measurement radar configured with multiple-input multiple-output antennas. *Journal of Engineering*, **2019**, 2019, 7030-7033	0.7	
118	Polarisation-space-time adaptive processing for heterogeneous clutter suppression of airborne-phased array radar. *Journal of Engineering*, **2019**, 2019, 5936-5939	0.7	1
117	Robust wideband beamforming method for linear frequency modulation signals based on digital dechirp processing. *IET Radar, Sonar and Navigation*, **2019**, 13, 283-289	1.4	7
116	Precession parameter estimation method of the cone-shaped target based on inverse synthetic aperture radar image sequence analysis. *IET Radar, Sonar and Navigation*, **2019**, 13, 1242-1248	1.4	
115	A High-Precision Phase-Derived Velocity Measurement Method for High-Speed Targets Based on Wideband Direct Sampling LFM Radar. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 10147-10163	8.1	6
114	Ship Classification Based on MSHOG Feature and Task-Driven Dictionary Learning with Structured Incoherent Constraints in SAR Images. *Remote Sensing*, **2018**, 10, 190	5	20
113	A Novel Ship Detection Method Based on Gradient and Integral Feature for Single-Polarization Synthetic Aperture Radar Imagery. *Sensors*, **2018**, 18,	3.8	12
112	Ship Detection in Polarimetric SAR Images via Variational Bayesian Inference. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 2819-2829	4.7	20
111	TARGET FEATURE EXTRACTION WITH POLARIMETRIC RADAR **2017**, 341-388		
110	A Coastline Detection Method in Polarimetric SAR Images Mixing the Region-Based and Edge-Based Active Contour Models. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 3735-3747	8.1	39
109	Geometrical distortion correction for extremely high-squint parameter-adjusting synthetic aperture radar. *Remote Sensing Letters*, **2017**, 8, 254-261	2.3	5

#	Title	IF	Cites
108	Theoretical Application of Overlapped Subaperture Algorithm for Quasi-Forward-Looking Parameter-Adjusting Spotlight SAR Imaging. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 144-148	4.1	6
107	Superpixel-based segmentation for multi-temporal PolSAR images **2017**,		5
106	A change detector based on the optimization of polarimetric contrast **2017**,		1
105	ISAR imaging of targets with rotating parts based on robust principal component analysis. *IET Radar, Sonar and Navigation*, **2017**, 11, 563-569	1.4	16
104	Level Set Segmentation Algorithm for High-Resolution Polarimetric SAR Images Based on a Heterogeneous Clutter Model. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 4565-4579	4.7	31
103	A New Nonlinear Chirp Scaling Algorithm for High-Squint High-Resolution SAR Imaging. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 2225-2229	4.1	8
102	**2017**,		2
101	Wide Nonlinear Chirp Scaling Algorithm for Spaceborne Stripmap Range Sweep SAR Imaging. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 6922-6936	8.1	9
100	A Novel Spaceborne Sliding Spotlight Range Sweep Synthetic Aperture Radar: System and Imaging. *Remote Sensing*, **2017**, 9, 783	5	4
99	Assessment of GF-3 Polarimetric SAR Data for Physical Scattering Mechanism Analysis and Terrain Classification. *Sensors*, **2017**, 17,	3.8	13
98	Spaceborne stripmap range sweep SAR: positive terrain tracking by continuous beam scanning in elevation. *Remote Sensing Letters*, **2016**, 7, 1014-1022	2.3	6
97	Coastline Detection in SAR Images Using a Hierarchical Level Set Segmentation. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2016**, 9, 4908-4920	4.7	20
96	Ship detection in polarimetric Sar images using targetsＵsparse property **2016**,		3
95	Improved Multiscale Edge Detection Method for Polarimetric SAR Images. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1104-1108	4.1	8
94	An Improved Attributed Scattering Model Optimized by Incremental Sparse Bayesian Learning. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 2973-2987	8.1	19
93	Novel Model-Based Method for Identification of Scattering Mechanisms in Polarimetric SAR Data. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 520-532	8.1	13
92	Ship Detection in SAR Imagery via Variational Bayesian Inference. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 1-5	4.1	19
91	The Extended Polarimetric Whitening Filter and Its Application to Target Detection in Polarimetric Synthetic Aperture Radar Images. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 1-5	4.1	1

90	SAR Target Recognition via Supervised Discriminative Dictionary Learning and Sparse Representation of the SAR-HOG Feature. *Remote Sensing*, **2016**, 8, 683	5	61
89	Rotation Estimation for Wide-Angle Inverse Synthetic Aperture Radar Imaging. *Journal of Sensors*, **2016**, 2016, 1-12	2	
88	Non-Cooperative Target Imaging and Parameter Estimation with Narrowband Radar Echoes. *Sensors*, **2016**, 16,	3.8	2
87	A Novel Azimuth Super-Resolution Method by Synthesizing Azimuth Bandwidth of Multiple Tracks of Airborne Stripmap SAR Data. *Sensors*, **2016**, 16,	3.8	1
86	CFAR Line Detector for Polarimetric SAR Images Using WilksŪTest Statistic. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 711-715	4.1	6
85	Polarimetric Inverse Scattering via Incremental Sparse Bayesian Multitask Learning. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 691-695	4.1	1
84	Polarimetric SAR Image Filtering Based on Patch Ordering and Simultaneous Sparse Coding. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 4079-4093	8.1	14
83	Accurate range profile alignment method based on minimum entropy for inverse synthetic aperture radar image formation. *IET Radar, Sonar and Navigation*, **2016**, 10, 663-671	1.4	8
82	Harbor Detection in Polarimetric SAR Images Based on the Characteristics of Parallel Curves. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1400-1404	4.1	4
81	The Extended Bragg Scattering Model-Based Method for Ship and Oil-Spill Observation Using Compact Polarimetric SAR. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 3760-3772	4.7	54
80	. *IEEE Transactions on Aerospace and Electronic Systems*, **2015**, 51, 2121-2137	3.7	16
79	An Iterative SAR Image Filtering Method Using Nonlocal Sparse Model. *IEEE Geoscience and Remote Sensing Letters*, **2015**, 12, 1635-1639	4.1	22
78	Long-distance imaging with frequency modulation continuous wave and inverse synthetic aperture radar. *IET Radar, Sonar and Navigation*, **2015**, 9, 653-659	1.4	3
77	Multi-Frequency Polarimetric SAR Classification Based on Riemannian Manifold and Simultaneous Sparse Representation. *Remote Sensing*, **2015**, 7, 8469-8488	5	17
76	Classification of Multi-Frequency Polarimetric SAR Images Based on Multi-Linear Subspace Learning of Tensor Objects. *Remote Sensing*, **2015**, 7, 9253-9268	5	13
75	ISAR Imaging Based on the Wideband Hyperbolic Frequency-Modulation Waveform. *Sensors*, **2015**, 15, 23188-204	3.8	7
74	Model-Based Pseudo-Quad-Pol Reconstruction from Compact Polarimetry and Its Application to Oil-Spill Observation. *Journal of Sensors*, **2015**, 2015, 1-8	2	17
73	Applications of Polarimetric SAR. *Journal of Sensors*, **2015**, 2015, 1-2	2	11

72	Multiple input and multiple output synthetic aperture radar multiple waveform separation based on oblique projection in same frequency coverage. *IET Radar, Sonar and Navigation*, **2015**, 9, 1088-1096	1.4	3
71	Ship detection in polarimetric SAR images via tensor robust principle component analysis **2015**,		8
70	Novel supervised classification approach for multifrequency polarimetric SAR data. *Journal of Systems Engineering and Electronics*, **2015**, 26, 1216-1221	1.3	2
69	Patch Ordering-Based SAR Image Despeckling Via Transform-Domain Filtering. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 1682-1695	4.7	45
68	MIMO-SAR waveforms separation based on virtual polarization filter. *Science China Information Sciences*, **2015**, 58, 1-12	3.4	4
67	. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 1991-2001	8.1	71
66	A Modified Level Set Approach for Segmentation of Multiband Polarimetric SAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 7222-7232	8.1	19
65	Multi-polarization reconstruction from compact polarimetry based on modified four-component scattering decomposition. *Journal of Systems Engineering and Electronics*, **2014**, 25, 399-410	1.3	7
64	Automatic GCP Extraction in Mountainous Areas Using DEM and PolSAR Data. *IEEE Geoscience and Remote Sensing Letters*, **2014**, 11, 2075-2079	4.1	0
63	Decomposition of the Kennaugh Matrix Based on a New Norm. *IEEE Geoscience and Remote Sensing Letters*, **2014**, 11, 1000-1004	4.1	8
62	A steady-state Kalman predictor-based filtering strategy for non-overlapping sub-band spectral estimation. *Sensors*, **2014**, 15, 110-34	3.8	1
61	A QUANTITATIVE EVALUATION METHOD OF GROUND CONTROL POINTS FOR REMOTE SENSING IMAGE REGISTRATION. *Progress in Electromagnetics Research M*, **2014**, 34, 55-62	0.6	2
60	Land Cover Classification for Polarimetric SAR Images Based on Mixture Models. *Remote Sensing*, **2014**, 6, 3770-3790	5	37
59	Functional safety verification on railway signaling system with Colored Petri Nets **2014**,		1
58	Robust Sensor Registration Based on Bounded Variables Least Squares. *Advanced Materials Research*, **2014**, 898, 802-806	0.5	0
57	Track-to-Track Association for Biased Data Based on the Reference Topology Feature. *IEEE Signal Processing Letters*, **2014**, 21, 449-453	3.2	26
56	Ship detection by using the M-Chi and M-Delta decompositions **2014**,		2
55	Modified Three-Component Decomposition Method for Polarimetric SAR Data. *IEEE Geoscience and Remote Sensing Letters*, **2014**, 11, 200-204	4.1	8

54	Unsupervised Speckle Level Estimation of SAR Images Using Texture Analysis and AR Model. *IEICE Transactions on Communications*, **2014**, E97.B, 691-698	0.5	2
53	Correction of Dechirp Distortion in Long-Distance Target Imaging with LFMCW-ISAR. *IEICE Transactions on Communications*, **2014**, E97.B, 2552-2559	0.5	
52	On Semiparametric Clutter Estimation for Ship Detection in Synthetic Aperture Radar Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2013**, 51, 3170-3180	8.1	24
51	Analytic performance prediction of track-to-track association with biased data in multi-sensor multi-target tracking scenarios. *Sensors*, **2013**, 13, 12244-65	3.8	11
50	A new method based on X-Bragg model for target characterization and its application to forest/nonforest discrimination **2013**,		1
49	Robust Sensor Registration with the Presence of Misassociations and Ill Conditioning. *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **2013**, E96.A, 2318-2321	0.4	4
48	An Improved Generalized Optimization of Polarimetric Contrast Enhancement and Its Application to Ship Detection. *IEICE Transactions on Communications*, **2013**, E96.B, 2005-2013	0.5	7
47	Zero-point attracting projection algorithm for sequential compressive sensing. *IEICE Electronics Express*, **2012**, 9, 314-319	0.5	4
46	GOPCE-Based Approach to Ship Detection. *IEEE Geoscience and Remote Sensing Letters*, **2012**, 9, 1089-1093	4.3	14
45	Cross-range scaling for ISAR via optical flow analysis. *IEEE Aerospace and Electronic Systems Magazine*, **2012**, 27, 14-22	2.4	8
44	Three-Component Power Decomposition for Polarimetric SAR Data Based on Adaptive Volume Scatter Modeling. *Remote Sensing*, **2012**, 4, 1559-1572	5	30
43	Applications of Statistical Directional Characteristics in Synthetic Aperture Radar Imagery Interpretation. *Applied Mechanics and Materials*, **2012**, 239-240, 1269-1273	0.3	
42	The impact of residual motion deviations on forest height inversion by SAR remote sensing **2012**,		1
41	New CFAR target detector for SAR images based on kernel density estimation and mean square error distance. *Journal of Systems Engineering and Electronics*, **2012**, 23, 40-46	1.3	2
40	Simultaneous range and radial velocity estimation with a single narrowband LFM pulse. *Journal of Systems Engineering and Electronics*, **2012**, 23, 372-377	1.3	4
39	Filtering of polarimetric synthetic aperture radar images: A sequential approach **2012**,		2
38	Doppler Centroid Estimation for Space-Surface BiSAR. *IEICE Transactions on Communications*, **2012**, E95-B, 116-119	0.5	1
37	**2011**,		3

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36	On the Iterative Censoring for Target Detection in SAR Images. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 641-645	4.1	59
35	. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 710-714	4.1	23
34	Rotation Estimation for ISAR Targets With a SpaceTime Analysis Technique. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 899-903	4.1	8
33	. *IEEE Geoscience and Remote Sensing Letters*, **2011**, 8, 1090-1094	4.1	35
32	Linear Feature Detection in Polarimetric SAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2011**, 49, 1453-1463	8.1	24
31	Nonlocal Filtering for Polarimetric SAR Data: A Pretest Approach. *IEEE Transactions on Geoscience and Remote Sensing*, **2011**, 49, 1744-1754	8.1	110
30	On the ship detection performance with compact polarimetry **2011**,		7
29	Multiple-GPU accelerated range-Doppler algorithm for synthetic aperture radar imaging **2011**,		10
28	Hybrid SAR/ISAR imaging of ground moving target with along-track airborne bi-static SAR **2011**,		3
27	Visual attention based model for target detection in large-field images. *Journal of Systems Engineering and Electronics*, **2011**, 22, 150-156	1.3	9
26	A visualization method for SAR images **2011**,		1
25	A Binary Tree Structured Terrain Classifier for Pol-SAR Images. *IEICE Transactions on Communications*, **2011**, E94-B, 1515-1518	0.5	1
24	Joint detection of roads in multifrequency SAR images based on a particle filter. *International Journal of Remote Sensing*, **2010**, 31, 1069-1077	3.1	4
23	**2010**,		6
22	A New Method for Target Aspect Estimation in SAR Images **2010**,		2
21	Three-Component Model-Based Decomposition for Polarimetric SAR Data. *IEEE Transactions on Geoscience and Remote Sensing*, **2010**, 48, 2732-2739	8.1	165
20	Data Compression for Multilook Polarimetric SAR Data. *IEEE Geoscience and Remote Sensing Letters*, **2009**, 6, 476-480	4.1	3
19	Ship Detection Using Polarization Cross-Entropy. *IEEE Geoscience and Remote Sensing Letters*, **2009**, 6, 723-727	4.1	60

18	Optimization of Polarimetric Contrast Enhancement Based on Fisher Criterion. *IEICE Transactions on Communications*, **2009**, E92-B, 3968-3971	0.5	
17	Colorization for Polarimetric SAR Image Based on Scattering Mechanisms **2008**,		3
16	Interferometric Phase Improvement Based on Polarimetric Data Fusion. *Sensors*, **2008**, 8, 7172-7190	3.8	1
15	Unsupervised Classification of Polarimetric SAR Images by Gamma-Correction of Features using Self Organizing Map **2007**,		2
14	Polarimetric synthetic aperture radar image classification by a hybrid method. *Tsinghua Science and Technology*, **2007**, 12, 97-104	3.4	9
13	**2006**,		3
12	Detection of Roads in SAR Images using Particle Filter **2006**,		2
11	On Huynen's decomposition of a Kennaugh matrix. *IEEE Geoscience and Remote Sensing Letters*, **2006**, 3, 369-372	4.1	21
10	Polarimetric SAR image classification by using generalized optimization of polarimetric contrast enhancement. *International Journal of Remote Sensing*, **2006**, 27, 3413-3424	3.1	6
9	Generalized optimization of polarimetric contrast enhancement. *IEEE Geoscience and Remote Sensing Letters*, **2004**, 1, 171-174	4.1	33
8	Speckle filtering in polarimetric SAR data based on the subspace decomposition. *IEEE Transactions on Geoscience and Remote Sensing*, **2004**, 42, 1635-1641	8.1	18
7	The characteristic polarization states and the equi-power curves. *IEEE Transactions on Geoscience and Remote Sensing*, **2002**, 40, 305-313	8.1	8
6	Similarity between two scattering matrices. *Electronics Letters*, **2001**, 37, 193	1.1	63
5	. *IEEE Transactions on Geoscience and Remote Sensing*, **2001**, 39, 330-338	8.1	7
4	Numerical methods for solving the optimal problem of contrast enhancement. *IEEE Transactions on Geoscience and Remote Sensing*, **2000**, 38, 965-971	8.1	32
3	**1990**,		3
2	Novel Features for Polarimetric SAR Image Classification by Neural Network		1
1	Particle filter based road detection in SAR image		2