

Joseph N Wilson

List of Publications by Year in descending order

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18
papers

379
citations

1163117

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1474206

9
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all docs

18
docs citations

18
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	A Large-Scale Multi-Institutional Evaluation of Advanced Discrimination Algorithms for Buried Threat Detection in Ground Penetrating Radar. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6929-6945.	6.3	16
2	A deep neural network model for hazard classification. , 2019, , .		0
3	Using data compression for buried hazard detection. , 2017, , .		0
4	A Machine Learning Based Topic Exploration and Categorization on Surveys. , 2012, , .		4
5	An evaluation of several fusion algorithms for anti-tank landmine detection and discrimination. Information Fusion, 2012, 13, 161-174.	19.1	32
6	GRANMA: Gradient Angle Model Algorithm on Wideband EMI Data for Land-Mine Detection. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 535-539.	3.1	18
7	A multimodal Matching Pursuits Dissimilarity Measure applied to landmine/clutter discrimination. , 2010, , .		0
8	Simultaneous feature and HMM Model learning for landmine detection using Ground Penetrating Radar. , 2010, , .		3
9	Matching-Pursuits Dissimilarity Measure for Shape-Based Comparison and Classification of High-Dimensional Data. IEEE Transactions on Fuzzy Systems, 2009, 17, 1175-1188.	9.8	10
10	Discrete Choquet Integral as a Distance Metric. IEEE Transactions on Fuzzy Systems, 2008, 16, 1107-1110.	9.8	29
11	An Investigation of Using the Spectral Characteristics From Ground Penetrating Radar for Landmine/Clutter Discrimination. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 1177-1191.	6.3	93
12	A matching pursuit based similarity measure for fuzzy clustering and classification of signals. , 2008, , .		11
13	Optimizing the Area Under a Receiver Operating Characteristic Curve With Application to Landmine Detection. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 389-397.	6.3	32
14	A Large-Scale Systematic Evaluation of Algorithms Using Ground-Penetrating Radar for Landmine Detection and Discrimination. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2560-2572.	6.3	99
15	Feature analysis for the NIITEK ground-penetrating radar using order-weighted averaging operators for landmine detection. , 2004, , .		23
16	Parallel Image Processing with Image Algebra on SIMD Mesh-Connected Computers. Advances in Imaging and Electron Physics, 1994, 90, 353-431.	0.2	2
17	<title>Supporting image algebra in the C++ language</title>. , 1993, , .		3
18	<title>Introduction to Image Algebra Ada</title>. , 1991, , .		4