

Dmitriy Garmatyuk

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

334
citations

1684188

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1872680

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g-index

17
all docs

17
docs citations

17
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Software-Defined Radar Sensor and Data Communication System. IEEE Sensors Journal, 2011, 11, 99-106.	4.7	116
2	Adaptive Multicarrier OFDM SAR Signal Processing. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 3780-3790.	6.3	51
3	Feasibility study of a multi-carrier dual-use imaging radar and communication system. , 2007, , .		47
4	Radar and data communication fusion with UWB-OFDM software-defined system. , 2009, , .		27
5	Deception jamming modeling in radar sensor networks. , 2008, , .		26
6	Cross-Range SAR Reconstruction With Multicarrier OFDM Signals. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 808-812.	3.1	25
7	Target scene frequency diversity exploitation with ultra-wideband orthogonal frequency division multiplexing radar. IET Radar, Sonar and Navigation, 2014, 8, 1247-1254.	1.8	8
8	Randomized OFDM waveforms for simultaneous radar operation and asynchronous covert communications. , 2018, , .		8
9	Random sequence encoded waveforms for covert asynchronous communications and radar. IET Radar, Sonar and Navigation, 2019, 13, 1713-1720.	1.8	7
10	Efficient sparse target tracking algorithm for navigation with UWB-OFDM radar sensors. , 2009, , .		5
11	Reconnaissance using adaptive multi-carrier radar. , 2013, , .		4
12	UWB Multicarrier Radar Target Scene Identification With 2-D Diversity Utilization and GLRT Refinement. , 2019, 3, 1-4.		3
13	Clutter-Masked Waveform Design for LPI/LPD Radarcom Signal Encoding. Sensors, 2021, 21, 631.	3.8	3
14	Doorway identification and classification using software-defined UWB OFDM radar. , 2012, , .		2
15	Simultaneous indoor localization and detection with multi-carrier radar. , 2014, , .		1
16	Pulse Edge-Only Signaling Method Comparison for Wireline Interconnects. Advances in Electrical Engineering, 2014, 2014, 1-9.	1.1	1
17	A Novel Method of Active Power Noise Cancellation in I/O Buffers. IEEE Transactions on Advanced Packaging, 2009, 32, 26-34.	1.6	0