

# Hassan Khani

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

98  
citations

1478505

6  
h-index

1474206

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Optimal Detection of Monobit Digitized UWB Signals in the Presence of Noise and Strong Intersymbol Interference. IEEE Systems Journal, 2020, 14, 2311-2322.	4.6	4
2	Improved coded/uncoded monobit receiver for transmit-reference UWB communication systems: Performance evaluation and digital circuit design. AEU - International Journal of Electronics and Communications, 2020, 127, 153460.	2.9	2
3	Iterative algorithms to compensate for quantization noise in monobit transmitted-reference receivers. , 2014, , .		4
4	Polarity-Invariant Square Law Technology for Monobit Impulse Radio Ultra Wideband Receivers. IEEE Transactions on Vehicular Technology, 2014, 63, 458-464.	6.3	9
5	On the Nonlinear Teager-Kaiser Operator for Energy Detection Based Impulse Radio UWB Receivers. IEEE Transactions on Wireless Communications, 2014, 13, 2955-2965.	9.2	8
6	Blind narrowband interference mitigation using filter bank for energy detection based UWB receivers. , 2013, , .		4
7	Measurement and analysis of intra-vehicle UWB channels. , 2013, , .		1
8	Inter-Symbol interference cancelation in monobit transmitted-reference impulse radio UWB receivers. , 2013, , .		2
9	Polarity-invariant square law technology for transmitted reference UWB receivers digitizing with a monobit ADC. , 2012, , .		2
10	On the nonlinear Teager-Kaiser operator for energy detection based impulse radio UWB receivers. , 2012, , .		0
11	Low complexity suboptimal monobit receiver for transmitted-reference impulse radio UWB systems. , 2012, , .		4
12	Nonlinear Blind Narrowband Interference Mitigation for Energy Detection Based UWB Receivers. IEEE Communications Letters, 2012, 16, 1596-1599.	4.1	7
13	Performance analysis of high rate weighted-TR UWB system in the presence of inter-block and multiuser interferences. AEU - International Journal of Electronics and Communications, 2012, 66, 219-227.	2.9	8
14	Low complexity receiver for UWB weighted-transmitted reference system. , 2011, , .		2
15	Finite-resolution digital receiver for high rate ultra-wideband weighted-transmitted reference system. , 2011, , .		6
16	Accurate analysis of a high data rate UWB-DTR system in dense multipath fading channels. Physical Communication, 2010, 3, 67-72.	2.1	9
17	PERFORMANCE ANALYSIS OF A HIGH DATA RATE UWB-DTR SYSTEM IN DENSE MULTIPATH CHANNELS. Progress in Electromagnetics Research B, 2008, 5, 119-131.	1.0	13
18	A novel multi-access scheme for UWB-PPM communication systems. European Transactions on Telecommunications, 2007, 18, 389-401.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Performance analysis of TH-UWB radio systems using proper waveform design in the presence of narrow-band interference. European Transactions on Telecommunications, 2006, 17, 111-123.	1.2	8