

Ching-Hsiang Tseng

List of Publications by Year in descending order

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21
papers

147
citations

1937685

4
h-index

2272923

4
g-index

21
all docs

21
docs citations

21
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Channel Estimation for Minimally Sampled Baseband OFDM Systems. IEEE Transactions on Communications, 2021, , 1-1.	7.8	0
2	Identification of Volterra kernels for nonlinear communication systems with OFDM inputs. , 2014, , .		1
3	Predicting spectral regrowth of power amplifiers in OFDM systems. , 2012, , .		0
4	A smartphone-based heart rate variability analysis system for vehicle drivers. , 2012, , .		2
5	Estimation of cubic nonlinear bandpass channels in orthogonal frequency-division multiplexing systems. IEEE Transactions on Communications, 2010, 58, 1415-1425.	7.8	9
6	Characterization of nonlinear channels in OFDM systems using signals with spectral notches. , 2010, , .		0
7	Frequency-domain channel estimation for nonlinear multicarrier underwater communication systems. , 2010, , .		1
8	Low-complexity spatial-frequency-time-domain MMSE multiuser detectors for MC DS-CDMA. , 2010, , .		0
9	Direct Mapping OFDM-Based Transmission Scheme for Underwater Acoustic Multimedia. , 2010, , .		1
10	A Universal Formula for the Complete Bandpass Sampling Requirements of Nonlinear Systems. IEEE Transactions on Signal Processing, 2009, 57, 3869-3878.	5.3	11
11	Estimation of nonlinear communication channels using random multisine signals. , 2008, , .		0
12	Direct downconversion of multiband RF signals using bandpass sampling. IEEE Transactions on Wireless Communications, 2006, 5, 72-76.	9.2	77
13	A mixed-domain method for identification of quadratically nonlinear systems. IEEE Transactions on Signal Processing, 1997, 45, 1013-1024.	5.3	11
14	A frequency-domain approximate RLS algorithm for blind equalization of mobile communication channels. , 0, , .		2
15	Estimation of second-order harmonic and intermodulation distortions using higher order spectra. , 0, , .		0
16	A stop-and-go dual-mode algorithm for blind equalization. , 0, , .		9
17	On identifying Volterra transfer functions of cubically nonlinear systems using minimally sampled data. , 0, , .		0
18	Decomposing aliased output of quadratically nonlinear systems. , 0, , .		1

#	ARTICLE	IF	CITATIONS
19	Compensation of multipath fading in underwater spread-spectrum communication systems. , 0, , .		2
20	Direct downconversion of multiple RF signals using bandpass sampling. , 0, , .		19
21	Digital quadrature demodulation of multiple RF signals. , 0, , .		1