Francois Chan

List of Publications by Year
in descending order

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24	256	1040056 9	1058476 14
papers	citations	h-index	g-index

24	24	24	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Likelihood-Based Modulation Classification for Multiple-Antenna Receiver. IEEE Transactions on Communications, 2013, 61, 3816-3829.	7.8	38
2	TDOA Estimation With Compressive Sensing Measurements and Hadamard Matrix. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 3137-3142.	4.7	36
3	Distributed Cooperative Localization for Mobile Wireless Sensor Networks. IEEE Wireless Communications Letters, 2018, 7, 18-21.	5.0	33
4	Blind Compressive-Sensing-Based Electronic Warfare Receiver. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2014-2030.	4.7	18
5	Joint EH Time Allocation and Distributed Beamforming in Interference-Limited Two-Way Networks With EH-Based Relays. IEEE Transactions on Wireless Communications, 2017, 16, 6395-6408.	9.2	17
6	Joint DOA and Clutter Covariance Matrix Estimation in Compressive Sensing MIMO Radar. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 318-331.	4.7	17
7	Recovery probability analysis for sparse signals via OMP. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 3475-3479.	4.7	16
8	Low Complexity Hybrid Precoding and Combining for Millimeter Wave Systems. IEEE Access, 2021, 9, 95911-95924.	4.2	14
9	Frequency Estimation of Uncooperative Coherent Pulse Radars. , 2007, , .		11
10	Computer design of super-orthogonal space-time trellis codes. IEEE Transactions on Wireless Communications, 2007, 6, 463-467.	9.2	10
11	Millimeter Wave Massive MIMO with Alamouti Code and Imperfect Channel State Information. , 2018, , .		8
12	Joint CFO and Channel Estimation in OFDM Systems Using Sparse Bayesian Learning. IEEE Communications Letters, 2021, 25, 166-170.	4.1	8
13	Design rules for extended super-orthogonal space-time trellis codes. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	7
14	Detection for an AF Cooperative Diversity Network in the Presence of Interference. IEEE Communications Letters, 2013, 17, 653-656.	4.1	7
15	DOA Estimation Using Compressive Sampling-Based Sensors in the Presence of Interference. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4395-4405.	4.7	6
16	Sphere Decoding for Millimeter Wave Massive MIMO. , 2019, , .		4
17	End-to-End Optimum ML Detection for DF Cooperative Diversity Networks in the Presence of Interference. IEEE Transactions on Wireless Communications, 2015, 14, 2639-2654.	9.2	3
18	Performance of Millimeter Wave Massive MIMO with the Alamouti Code. , 2018, , .		2

#	Article	IF	Citations
19	Applications of Compressive Sampling Technique to Radar and Localization. , 2018, , .		1
20	Convolutional Space-Time Codes. , 2006, , .		0
21	Punctured Space-Time Convolutional Codes for Adaptive Modulation Schemes. , 2007, , .		0
22	Improved V-BLAST symbol detection using short block codes. , 2009, , .		0
23	Linear Receiver for the Uplink in Distributed Antenna Systems. IEEE Transactions on Wireless Communications, 2012, 11, 4161-4171.	9.2	0
24	Compressive Sensing-Based Joint Range-Doppler and Clutter Estimation. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3207-3217.	4.7	0