

# Tai-Kuo Woo

## List of Publications by Year in descending order

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25  
papers

75  
citations

1937685

4  
h-index

1588992

8  
g-index

27  
all docs

27  
docs citations

27  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast hierarchical least mean square algorithm. IEEE Signal Processing Letters, 2001, 8, 289-291.	3.6	21
2	A feasible method to implement optimum CIR-balanced power control in CDMA cellular mobile systems. IEEE Transactions on Vehicular Technology, 2003, 52, 80-95.	6.3	12
3	Orthogonal variable spreading codes for wideband CDMA. IEEE Transactions on Vehicular Technology, 2002, 51, 700-709.	6.3	9
4	HRLS: a more efficient RLS algorithm for adaptive FIR filtering. IEEE Communications Letters, 2001, 5, 81-84.	4.1	8
5	Optimal time-hopping scheme for CDMA air interface in broad-band wireless systems. IEEE Journal on Selected Areas in Communications, 2000, 18, 53-61.	14.0	5
6	A Novel Grouping Slotted Aloha Scheme to Enhance Throughput Performance for Wireless Networks. Wireless Personal Communications, 2017, 96, 1229-1243.	2.7	4
7	FRAM: Framed ALOHA for 5G Super Real-Time Multimedia Random Access with Packet Slicing. Wireless Personal Communications, 2019, 106, 1253-1273.	2.7	4
8	A novel switching architecture for ATM networks. IEEE Transactions on Communications, 1997, 45, 411-415.	7.8	3
9	Bandwidth allocation for TDMA-based wireless local loops. IEEE Communications Letters, 1999, 3, 263-265.	4.1	2
10	A Novel Convergence Accelerator for the LMS Adaptive Filter. Circuits, Systems, and Signal Processing, 2012, 31, 283-300.	2.0	2
11	FMAC: a highly flexible multiple-access protocol for wireless communications systems. IEEE Transactions on Vehicular Technology, 1999, 48, 883-890.	6.3	1
12	Space Partitioning Hybrid Channel Assignment Scheme for Cellular Networks. Wireless Personal Communications, 2001, 18, 79-92.	2.7	1
13	FISH: Finite Projective Plane Based Interference Cancellation for Slotted ALOHA. Wireless Personal Communications, 2016, 89, 181-194.	2.7	1
14	Segment Combining and Patching for Short Packet Forward Error Control Coding. Wireless Personal Communications, 2017, 97, 6425-6439.	2.7	1
15	Design and performance analysis of Crossbar* for bursty traffic. , 0, , .		0
16	Title is missing!. Wireless Personal Communications, 2002, 21, 229-244.	2.7	0
17	System Link Analysis for a Hybrid SATCOM System with Various Terminal Types. , 2006, , .		0
18	A Novel Complex Orthogonal Design for Space-Time Coding in Sensor Networks. Wireless Personal Communications, 2007, 43, 1755-1759.	2.7	0

#	ARTICLE	IF	CITATIONS
19	Design and Performance Evaluation of Space-time Receivers with Dynamically Adjustable Tap Delays. <i>Wireless Personal Communications</i> , 2008, 46, 429-449.	2.7	0
20	Dynamically Partitioned Hierarchical Constant Modulus Algorithm for Variable Delay Spread Channels. <i>Wireless Personal Communications</i> , 2012, 62, 395-410.	2.7	0
21	A Novel Analytical Modeling of Composite Cognitive Capability with an Overlay Sensing Approach. <i>Wireless Personal Communications</i> , 2014, 78, 831-849.	2.7	0
22	A novel FPP-based channel assignment scheme. , 2015, , .		0
23	FPP-based waveform coding signals evaluations. , 2016, , .		0
24	Packet Squeezing of Random Access with 5G Real-Time Services for Internet of Things. <i>Wireless Personal Communications</i> , 2021, 118, 1365-1392.	2.7	0
25	Patching Based Extra Short Packet Forward Error Control Coding for Ultra-Reliable Low Latency Communications (URLLC) in 5G. <i>Wireless Personal Communications</i> , 0, , 1.	2.7	0