

# Ibrahim A Hemadeh

## List of Publications by Year in descending order

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papers

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759233

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docs citations

24  
times ranked

964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Millimeter-Wave Communications: Physical Channel Models, Design Considerations, Antenna Constructions, and Link-Budget. IEEE Communications Surveys and Tutorials, 2018, 20, 870-913.	39.4	456
2	Compressed-Sensing-Aided Space-Time Frequency Index Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 6259-6271.	6.3	42
3	Multi-Set Space-Time Shift-Keying With Reduced Detection Complexity. IEEE Access, 2016, 4, 4234-4246.	4.2	28
4	Millimeter-Wave Transmission for Small-Cell Backhaul in Dense Urban Environment: a Solution Based on MIMO-OFDM and Space-Time Shift Keying (STSK). IEEE Access, 2017, 5, 4000-4017.	4.2	27
5	Layered Multi-Group Steered Space-Time Shift-Keying for Millimeter-Wave Communications. IEEE Access, 2016, 4, 3708-3718.	4.2	26
6	Multi-Set Space-Time Shift Keying and Space-Frequency Space-Time Shift Keying for Millimeter-Wave Communications. IEEE Access, 2017, 5, 8324-8342.	4.2	24
7	Generalized Space Time Block Coded Spatial Modulation for Open-Loop Massive MIMO Downlink Communication Systems. IEEE Transactions on Communications, 2020, 68, 6858-6871.	7.8	20
8	Reconfigurable Intelligent Surfaces Relying on Non-Diagonal Phase Shift Matrices. IEEE Transactions on Vehicular Technology, 2022, 71, 6367-6383.	6.3	19
9	Compressed Sensing-Aided Multi-Dimensional Index Modulation. IEEE Transactions on Communications, 2019, 67, 4074-4087.	7.8	16
10	Multuser Steered Multiset Space-Time Shift Keying for Millimeter-Wave Communications. IEEE Transactions on Vehicular Technology, 2017, 66, 5491-5495.	6.3	15
11	Hierarchical Multi-Functional Layered Spatial Modulation. IEEE Access, 2018, 6, 9492-9533.	4.2	15
12	Reduced-RF-Chain Aided Soft-Decision Multi-Set Steered Space-Time Shift-Keying for Millimeter-Wave Communications. IEEE Access, 2017, 5, 7223-7243.	4.2	12
13	Bayesian Compressive Sensing Assisted Space-Time Block Coded Quadrature Spatial Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 10044-10048.	6.3	12
14	Joint-Alphabet Space Time Shift Keying in mm-Wave Non-Orthogonal Multiple Access. IEEE Access, 2018, 6, 22602-22621.	4.2	11
15	Near-Instantaneously Adaptive Multi-Set Space-Time Shift Keying for UAV-Aided Video Surveillance. IEEE Transactions on Vehicular Technology, 2020, 69, 12843-12856.	6.3	11
16	Polarization Modulation Design for Reduced RF Chain Wireless. IEEE Transactions on Communications, 2020, 68, 3890-3907.	7.8	10
17	Transmit Antenna Combination Optimization for Generalized Spatial Modulation Systems. IEEE Access, 2018, 6, 41866-41882.	4.2	9
18	Compressed Sensing-Aided Index Modulation Improves Space-Time Shift Keying Assisted Millimeter-Wave Communications. IEEE Access, 2018, 6, 64742-64756.	4.2	8

#	ARTICLE	IF	CITATIONS
19	A Generalized Bit Error Rate Evaluation for Index Modulation Based OFDM System. IEEE Access, 2020, 8, 70082-70094.	4.2	8
20	Radio Over Fiber Downlink Design for Spatial Modulation and Multi-Set Space-Time Shift-Keying. IEEE Access, 2018, 6, 21812-21827.	4.2	7
21	Multi-Set Space-Time Shift Keying Assisted Adaptive Inter-Layer FEC for Wireless Video Streaming. IEEE Access, 2019, 7, 3592-3609.	4.2	7
22	Low-Complexity Expectation Propagation Detection for Uplink MIMO-SCMA Systems. , 2020, , .		5
23	Generalized Space Time Block Coded Spatial Modulation Systems. , 2019, , .		2
24	An Adaptive Multi-User MIMO Scheme for the Millimeter-Wave Downlink. , 2018, , .		1