## Joint Optimization of a UAV's Trajectory and Transmit I

IEEE Transactions on Signal Processing 67, 4276-4290 DOI: 10.1109/tsp.2019.2928949

**Citation Report** 

#	ARTICLE	IF	CITATIONS
1	Covert Wireless Communication in Presence of a Multi-Antenna Adversary and Delay Constraints. IEEE Transactions on Vehicular Technology, 2019, 68, 12432-12436.	3.9	40
2	Trust Evaluation and Covert Communication-Based Secure Content Delivery for D2D Networks: A Hierarchical Matching Approach. IEEE Access, 2019, 7, 134838-134853.	2.6	11
3	Covert Wireless Data Collection Based on Unmanned Aerial Vehicles. , 2019, , .		5
4	SE and EE Optimization for Cognitive UAV Network Based on Location Information. IEEE Access, 2019, 7, 162115-162126.	2.6	29
5	Trajectory and Beamforming Vector Optimization for Multi-UAV Multicast Network. , 2019, , .		4
6	Optimal Detection of UAV's Transmission With Beam Sweeping in Covert Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1080-1085.	3.9	34
7	Cooperative jamming AF networks via Nakagami―m fading channels. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3790.	2.6	2
8	Joint Power and Position Optimization for the Full-Duplex Receiver in Covert Communication. , 2020, , .		3
9	Harvest-and-Opportunistically-Relay: Analyses on Transmission Outage and Covertness. IEEE Transactions on Wireless Communications, 2020, 19, 7779-7795.	6.1	11
10	Handling Spontaneous Traffic Variations in 5G+ via Offloading Onto mmWave-Capable UAV "Bridges― IEEE Transactions on Vehicular Technology, 2020, 69, 10070-10084.	3.9	11
11	On Resource Allocation in Covert Wireless Communication With Channel Estimation. IEEE Transactions on Communications, 2020, 68, 6456-6469.	4.9	26
12	Secure transmission for wireless collaborative systems based on secondâ€order channel statistics. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4048.	2.6	0
13	Robust Chance-Constrained Trajectory and Transmit Power Optimization for UAV-Enabled CR Networks. , 2020, , .		2
14	Detection of Information Hiding at Physical Layer in Wireless Communications. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	3.7	3
15	Secure <scp>mmâ€Wave</scp> communications with imperfect hardware and uncertain eavesdropper location. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4016.	2.6	5
16	Covert Communication Using Null Space and 3D Beamforming: Uncertainty of Willie's Location Information. IEEE Transactions on Vehicular Technology, 2020, 69, 8568-8576.	3.9	25
17	Robust Trajectory and Transmit Power Optimization for Secure UAV-Enabled Cognitive Radio Networks. IEEE Transactions on Communications, 2020, 68, 4022-4034.	4.9	56
18	Trajectory Optimization for Cellular-Enabled UAV With Connectivity Outage Constraint. IEEE Access, 2020, 8, 29205-29218.	2.6	18

TION RE

#	Article	IF	CITATIONS
19	Covert Communications in D2D Underlaying Cellular Networks With Antenna Array Assisted Artificial Noise Transmission. IEEE Transactions on Vehicular Technology, 2020, 69, 2980-2992.	3.9	40
20	Optimization of distributed detection in energy harvesting wireless sensor networks with multiple antenna fusion center. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3848.	2.6	2
21	Unmanned Aerial Vehicles in Smart Cities. Unmanned System Technologies, 2020, , .	0.9	8
22	Two low-complexity high-performance linear precoding schemes for secure spatial modulation. Physical Communication, 2020, 41, 101099.	1.2	1
23	Latency-Minimized Design of secure transmissions in UAV-Aided Communications. , 2020, , .		2
24	Treating Interference as Noise Is Optimal for Covert Communication Over Interference Channels. IEEE Transactions on Information Forensics and Security, 2021, 16, 322-332.	4.5	21
25	Distance-Adaptive Absorption Peak Modulation (DA-APM) for Terahertz Covert Communications. IEEE Transactions on Wireless Communications, 2021, 20, 2064-2077.	6.1	30
26	A Review of Recent Advances in Coordination Between Unmanned Aerial and Ground Vehicles. Unmanned Systems, 2021, 09, 97-117.	2.7	53
27	UAV-Enabled Covert Wireless Data Collection. IEEE Journal on Selected Areas in Communications, 2021, 39, 3348-3362.	9.7	41
28	UAV-Relayed Covert Communication Towards a Flying Warden. IEEE Transactions on Communications, 2021, 69, 7659-7672.	4.9	33
29	Multiâ€antenna joint covert communication with a public communication link over wireless fading channel. IET Communications, 2021, 15, 695-707.	1.5	4
30	Reliability Analysis of FD-Enabled Multi-UAV Systems With Short-Packet Communication. IEEE Transactions on Vehicular Technology, 2021, 70, 12191-12196.	3.9	14
31	Lightweight Secure Localization Approach in Wireless Sensor Networks. IEEE Transactions on Communications, 2021, 69, 6879-6893.	4.9	6
32	Covert Wireless Communication With Noise Uncertainty in Space-Air-Ground Integrated Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2784-2797.	4.7	9
33	UAV-Aided Covert Communication With a Multi-Antenna Jammer. IEEE Transactions on Vehicular Technology, 2021, 70, 11619-11631.	3.9	19
34	Intelligent Reflecting Surface (IRS)-Aided Covert Wireless Communications With Delay Constraint. IEEE Transactions on Wireless Communications, 2022, 21, 532-547.	6.1	77
35	Optimal Transmit Power and Flying Location for UAV Covert Wireless Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3321-3333.	9.7	56
36	Covert Communication With Relay Selection. IEEE Wireless Communications Letters, 2021, 10, 421-425.	3.2	17

#	Article	IF	CITATIONS
37	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1989-1994.	3.9	30
38	SEMA: Secure and Efficient Message Authentication Protocol for VANETs. IEEE Systems Journal, 2021, 15, 846-855.	2.9	53
39	How Does Repetition Coding Enable Reliable and Covert Communications?. IEEE Wireless Communications Letters, 2021, 10, 639-643.	3.2	2
40	Mode Selection and Cooperative Jamming for Covert Communication in D2D Underlaid UAV Networks. IEEE Network, 2021, 35, 104-111.	4.9	18
41	Joint Trajectory and Power Optimization for UAV Covert Transmission. , 2021, , .		2
42	Optimized Throughput in Covert Millimeter-Wave UAV Communications With Beam Sweeping. IEEE Wireless Communications Letters, 2021, 10, 720-724.	3.2	22
43	Multi-Antenna Covert Communication With Jamming in the Presence of a Mobile Warden. , 2021, , .		2
44	A comprehensive survey of physical layer security over fading channels: Classifications, applications, and challenges. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4270.	2.6	12
45	Hybrid Precoding Design for Secure Generalized Spatial Modulation With Finite-Alphabet Inputs. IEEE Transactions on Communications, 2021, 69, 2570-2584.	4.9	10
46	Joint Information-Theoretic Secrecy and Covert Communication in the Presence of an Untrusted User and Warden. IEEE Internet of Things Journal, 2021, 8, 7170-7181.	5.5	26
47	Intelligent Reflecting Surface-Assisted Multi-Antenna Covert Communications: Joint Active and Passive Beamforming Optimization. IEEE Transactions on Communications, 2021, 69, 3984-4000.	4.9	45
48	Robust Power Allocation in Covert Communication: Imperfect CDI. IEEE Transactions on Vehicular Technology, 2021, 70, 5789-5802.	3.9	9
49	UAV-Aided Multi-Antenna Covert Communication Against Multiple Wardens. , 2021, , .		7
50	Multi-Antenna Jamming in Covert Communication. IEEE Transactions on Communications, 2021, 69, 4644-4658.	4.9	19
51	Multi-Antenna Covert Communication via Full-Duplex Jamming Against a Warden With Uncertain Locations. IEEE Transactions on Wireless Communications, 2021, 20, 5467-5480.	6.1	26
52	Covert Communication in UAV-Assisted Air-Ground Networks. IEEE Wireless Communications, 2021, 28, 190-197.	6.6	55
53	UAV-Relaying-Assisted Multi-Access Edge Computing With Multi-Antenna Base Station: Offloading and Scheduling Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 9495-9509.	3.9	19
54	Task offloading and resource allocation for UAV-assisted mobile edge computing with imperfect channel estimation over Rician fading channels. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	8

#	Article	IF	CITATIONS
55	MD-GAN-Based UAV Trajectory and Power Optimization for Cognitive Covert Communications. IEEE Internet of Things Journal, 2022, 9, 10187-10199.	5.5	16
56	Enhancing MIMO Covert Communications via Intelligent Reflecting Surface. IEEE Wireless Communications Letters, 2022, 11, 33-37.	3.2	16
58	UAV-Enabled Secure Communication With Finite Blocklength. IEEE Transactions on Vehicular Technology, 2020, 69, 16309-16313.	3.9	16
59	Achieving Covert Communication in Overlay Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15113-15126.	3.9	17
60	On Likelihood Functions to Minimize KL Divergence in Binary Hypothesis Testing. , 2020, , .		0
61	Covert Millimeter-Wave Communication: Design Strategies and Performance Analysis. IEEE Transactions on Wireless Communications, 2022, 21, 3691-3704.	6.1	15
62	Performance Analysis for UAV-Jammer Aided Covert Communication. IEEE Access, 2020, 8, 111394-111400.	2.6	16
63	UAVs Healthcare Applications, Communication Protocols, Deployment Strategies, and Security Challenges. Unmanned System Technologies, 2020, , 27-37.	0.9	2
64	Regional robust secure precise wireless transmission design for multi-user UAV broadcasting system. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	0
65	Three-Dimensional Placement and Transmit Power Design for UAV Covert Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 13424-13429.	3.9	23
66	Covert Communication in Continuous-Time Systems in the Presence of a Jammer. IEEE Transactions on Wireless Communications, 2022, 21, 4883-4897.	6.1	4
67	Covert Communications Without Channel State Information at Receiver in IoT systems. IEEE Internet of Things Journal, 2020, 7, 11103-11114.	5.5	27
68	Finite-Blocklength Multi-Antenna Covert Communication Aided By A UAV Relay. , 2021, , .		3
69	Resource Allocation for Covert Wireless Transmission in UAV Communication Networks. , 2021, , .		2
70	Joint Precoder and Beamformer Design for Secure Relay Networks With Finite-Alphabet Inputs and Statistical CSI of Eve. IEEE Transactions on Wireless Communications, 2022, 21, 5814-5827.	6.1	0
71	Covert communication in multi-hop UAV network. Ad Hoc Networks, 2022, 128, 102788.	3.4	5
72	UAV Relay Assisted Cooperative Jamming for Covert Communications Over Rician Fading. IEEE Transactions on Vehicular Technology, 2022, 71, 7936-7941.	3.9	17
73	Optimal Pulse-Position Modulation Order and Transmit Power in Covert Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 5570-5575.	3.9	5

#	Article	IF	CITATIONS
74	Covert communications with friendly jamming in Internet of vehicles. Vehicular Communications, 2022, , 100472.	2.7	0
75	Joint Deployment Design and Power Control for UAV-enabled Covert Communications. , 2021, , .		2
76	Joint Transmit Power and Reflection Beamforming Design for IRS-Aided Covert Communications. , 2021, , .		4
77	Energy-Efficiency Joint Trajectory and Resource Allocation Optimization in Cognitive UAV Systems. IEEE Internet of Things Journal, 2022, 9, 23058-23071.	5.5	4
78	Localization Through Transceivers in Unknown Constant Velocity Trajectories. IEEE Transactions on Signal Processing, 2022, 70, 3011-3028.	3.2	3
79	Covert Wireless Communication in Multichannel Systems. IEEE Wireless Communications Letters, 2022, 11, 1790-1794.	3.2	1
80	Optimal Geometric Solutions to UAV-Enabled Covert Communications in Line-of-Sight Scenarios. IEEE Transactions on Wireless Communications, 2022, 21, 10633-10647.	6.1	8
81	Covertness-Aware Trajectory Design for UAV: A Multi-Step TD3-PER Solution. , 2022, , .		3
82	UAV-Enabled Cooperative Jamming for Covert Communications based on Geometric Method. , 2022, , .		0
83	Covert Performance for Integrated Satellite Multiple Terrestrial Relay Networks with Partial Relay Selection. Sensors, 2022, 22, 5524.	2.1	6
84	Performance Analysis and Optimization for Jammer-Aided Multiantenna UAV Covert Communication. IEEE Journal on Selected Areas in Communications, 2022, 40, 2962-2979.	9.7	19
85	On Covert Communication Performance With Outdated CSI in Wireless Greedy Relay Systems. IEEE Transactions on Information Forensics and Security, 2022, 17, 2920-2935.	4.5	9
86	Physical layer security techniques for data transmission for future wireless networks. , 2022, 1, 2022007.		2
87	UAV Relayed Covert Wireless Networks: Expand Hiding Range via Drones. IEEE Network, 2022, 36, 226-232.	4.9	4
88	Deep Reinforcement Learning for UAV-Assisted Covert Data Dissemination. , 2022, , .		1
89	Mobile jammer enabled secure UAV communication with short packet transmission. AEU - International Journal of Electronics and Communications, 2022, 157, 154434.	1.7	2
90	Covert Communication Assisted by UAV-IRS. IEEE Transactions on Communications, 2023, 71, 357-369.	4.9	33
91	Joint Trajectory and Resource Optimization for Covert Communication in UAV-Enabled Relaying Systems. IEEE Transactions on Vehicular Technology, 2023, 72, 5518-5523.	3.9	3

#	Article	IF	CITATIONS
92	Multi-UAV Clustered NOMA for Covert Communications: Joint Resource Allocation and Trajectory Optimization. Electronics (Switzerland), 2022, 11, 4056.	1.8	2
93	Optimal Location Design for UAV Covert Communications with a Full-Duplex Receiver. , 2022, , .		2
94	Simultaneous Secure and Covert Transmissions Against Two Attacks Under Practical Assumptions. IEEE Internet of Things Journal, 2023, 10, 10160-10171.	5.5	4
95	Covert Communication for Integrated Satellite–Terrestrial Relay Networks with Cooperative Jamming. Electronics (Switzerland), 2023, 12, 999.	1.8	1
96	Deep Reinforcement Learning Enabled Covert Transmission With UAV. IEEE Wireless Communications Letters, 2023, 12, 917-921.	3.2	0
97	Joint Information-Theoretic Secrecy and Covertness for UAV-Assisted Wireless Transmission With Finite Blocklength. IEEE Transactions on Vehicular Technology, 2023, 72, 10187-10199.	3.9	0
98	Performance Analysis of Covert Communication Based on Integrated Satellite Multiple Terrestrial Relay Networks. , 2022, , .		0
99	UAV Deployment Optimization for Secure Precise Wireless Transmission. Drones, 2023, 7, 224.	2.7	0
100	Covert Communications: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2023, 25, 1173-1198.	24.8	18
101	Joint Transmit Power and Trajectory Design for UAV-Enabled Covert Communication. , 2023, , .		0
112	DDQN Assisted Intelligent Covert Communication for Cooperative UAV Swarm. , 2023, , .		0
113	Joint Transmit Power and Trajectory Optimization for UAV Covert Communication Assisted by Artificial Noise. , 2023, , .		0
115	IRS-Aided Covert Wireless Communications with Delay Constraint. Wireless Networks, 2023, , 123-156.	0.3	0
117	Covert Terahertz Communication for UAV-Aided Wireless Relay Systems. , 2023, , .		0
119	Enhancing Secrecy in UAV RSMA Networks: Deep Unfolding Meets Deep Reinforcement Learning. , 2023, ,		0

.