## List of Publications – Halim Yanikomeroglu

(Updated on 19 Dec 2023)

(Please report incorrect or incomplete information to halim@sce.carleton.ca)

**DBLP**  
**Google Scholar**

### Breakdown of 305 Published Journal Papers (297 IEEE + 8 others)

<table>
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<tr>
<th>No of papers</th>
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Submissions under Review


Bilal Karaman, Ilhan Basturk, Sezai Taskin, Ferdi Kara, Engin Zeydan, and Halim Yanikomeroglu, “Enhancing resiliency of integrated space-air-ground-sea networks with


Refereed Publications

2024 (11 IEEE journal papers + 0 conference paper)

[J305] Youssra Cheriguene, Wael Jaafar, Halim Yanikomeroglu, and Chaker Kerrache, “Towards reliable participation in UAV-enabled federated edge learning on non-IID data”, *IEEE Open Journal of Vehicular Technology* (acceptance: 06 Dec 2023). [arXiv] [ResearchGate] [Xplore]


[J303] Omid Abbasi and Halim Yanikomeroglu, “UxNB-enabled cell-free massive MIMO with HAPS-assisted sub-THz backhauling”, *IEEE Transactions on Vehicular Technology* (acceptance: 05 Dec 2023). [arXiv] [ResearchGate]


[J300] Nesrine Cherif, Wael Jaafar, Halim Yanikomeroglu, and Abbas Yongacoglu, “RL-based cargo-UAV trajectory planning and cell association for minimum handoffs, disconnectivity, and energy consumption”, *IEEE Transactions on Vehicular Technology* (acceptance: 28 Nov 2023) [arXiv] [ResearchGate] [Xplore].


Mohsen Tajallifar, Ahmad R. Sharafat, and Halim Yanikomeroglu, “Robust and feasible QoS-aware mmWave massive MIMO hybrid beamforming”, IEEE Transactions on Wireless Communications (acceptance: 12 Jun 2023). [ResearchGate] [Xplore]


2023 (42 IEEE journal papers + 10 conference paper)


[J287] Yuan Liao, Vasilis Friderikos, and Halim Yanikomeroglu, “Robust deployment and resource allocation for robotic aerial base station enabled OFDM integrated sensing and communication”, *IEEE Wireless Communications Letters*, vol. 12, no. 10, pp. 1766–1770, October 2023. [arXiv] [ResearchGate] [Xplore]


[J284] Ferdi Kara, Hakan Kaya, Halim Yanikomeroglu, Benjamin K. Ng, and Chan-Tong Lam, “Bit-interleaved multiple access: Improved fairness, reliability, and latency for massive IoT networks”, *IEEE Internet of Things Journal*, vol. 10, no. 18, pp. 16006–16027, 15 September 2023 [arXiv] [ResearchGate] [Xplore]

[J283] Safwan Alfattani, Wael Jaafar, Halim Yanikomeroglu, and Abbas Yongacoglu, “Multi-mode high-altitude platform stations (HAPS) for next generation wireless networks: Selection mechanism, benefits, and potential challenges”, *IEEE Vehicular Technology Magazine*, vol. 18, no. 3, pp. 20–28, September 2023. [TechRxiv] [ResearchGate] [arXiv] [Xplore]

[J282] Siqiang Wang, Zesong Fei, Jing Guo, Qimei Cui, Salman Durrani, and Halim Yanikomeroglu, “Energy efficiency optimization for multiple access in NOMA-enabled space-air-ground networks”, *IEEE Internet of Things Journal*, vol. 10, no. 17, pp. 15652–15665, 01 September 2023. [ResearchGate] [Xplore]

[J281] Nesrine Cherif, Wael Jaafar, Evgenii Vinogradov, Halim Yanikomeroglu, Sofie Pollin, and Abbas Yongacoglu, “iTUAVs: Intermittently tethered UAVs for future wireless networks”, *IEEE Wireless Communications Magazine*, vol. 30, no. 4, pp. 124–130, August 2023. [arXiv] [ResearchGate] [Xplore]


[J279] Cihan Emre Kement, Ferdi Kaya, Wael Jaafar, Halim Yanikomeroglu, Gamini Senarath, Ngoc-Dung Dao, and Peiying Zhu, “Sustaining dynamic traffic in dense urban areas with high
altitude platform stations (HAPS)”, *IEEE Communications Magazine*, vol. 61, no. 7, 150–156, July 2023. [arXiv] [ResearchGate] [Xplore]


[J276] Zichao Zhang, Melda Yuksel, Gokhan Guvensen, and Halim Yanikomeroglu, “Capacity region of asynchronous multiple access channels with FTN”, *IEEE Communications Letters*, vol. 27, no. 7, pp. 1719–1723, July 2023. [arXiv] [ResearchGate] [Xplore]


[J269] Safwan Alfattani, Animesh Yadav, Halim Yanikomeroglu, and Abbas Yongacoglu, “Resource-efficient HAPS-RIS enabled beyond-cell communications”, *IEEE Wireless
Communications Letters, vol. 12, no. 4, pp. 679–683, April 2023. [TechRxiv] [arXiv] [ResearchGate] [Xplore]


[J259] Amir Mehrabian, Maryam Sabbaghian, and Halim Yanikomeroglu, “CNN-based detector for spectrum sensing with general noise models”, *IEEE Transactions on Wireless Communications*, vol. 22, no. 2, pp. 1235-1249, February 2023. [ResearchGate] [Xplore]


[J255] Omid Abbasi and Halim Yanikomeroglu, “Transmission scheme, detection and power allocation for uplink user cooperation with NOMA and RSMA”, *IEEE Transactions on Wireless Communications*, vol. 22, no. 1, pp. 471-485, January 2023 [arXiv] [ResearchGate] [Xplore]


[C314] Zichao Zhang, Melda Yuksel, Halim Yanikomeroglu, Benjamin Ng, and Chan-Tong Lam, “MIMO asynchronous MAC with faster-than-Nyquist (FTN) signaling”, *IEEE Globecom 2023*, 04–08 December 2023, Kuala Lumpur, Malaysia. [arXiv] [ResearchGate]


[C310] Youssra Cheriguene, Wael Jaafar, Chaker Abdelaziz Kerrache, Halim Yanikomeroglu, Fatima Zohra Bousbaa, and Nasreddine Lagraa, “Data-efficient energy-aware participant selection for UAV-enabled federated learning”, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC) 2023, 05–08 September 2023, Toronto, Ontario, Canada. [arXiv] [ResearchGate] [Xplore]


[C308] Qiqi Ren, Omid Abbasi, Gunes Karabulut Kurt, Halim Yanikomeroglu, and Jian Chen, “High altitude platform station (HAPS)-enabled parallel computing for handoff control in vehicular networks”, IEEE International Conference on Communications (ICC) 2023, 28 May – 01 June 2023, Rome, Italy. [Xplore]


2022 (39 IEEE journal papers + 22 conference papers)


[J250] Afsoon Alidadi Shamsabadi, Animesh Yadav, Omid Abbasi, and Halim Yanikomeroglu, “Handling interference in integrated HAPS-terrestrial networks through radio resource
management”, *IEEE Wireless Communications Letters*, vol. 11, no. 12, pp. 2585-2589, December 2022. [arXiv] [ResearchGate] [Xplore]

[J249] Zhitong Xing, Yun Li, Aditya S. Rajasekaran, Deyi Peng, and Halim Yanikomeroglu, “Variation approach-based nonlinear companding scheme for PAPR reduction in OFDM systems”, *IEEE Transactions on Broadcasting*. vol. 68, no. 4, pp. 916-926, December 2022 [ResearchGate] [Xplore]


[J245] Qiqi Ren, Omid Abbasi, Gunes Karabulut Kurt, Halim Yanikomeroglu, and Jian Chen, “Caching and computation offloading in high altitude platform station (HAPS) assisted intelligent transportation systems”, *IEEE Transactions on Wireless Communications*, vol. 21, no. 11, pp. 9010-9024, November 2022. [arXiv] [ResearchGate] [Xplore]


[J241] Aizaz U. Chaudhry and Halim Yanikomeroglu, “When to crossover from Earth to space for lower latency data communications?”, *IEEE Transactions on Aerospace and Electronic Systems*, vol. 58, no. 5, pp. 3962-3978, October 2022. [arXiv] [ResearchGate] [Xplore]

IEEE Communications Letters, vol. 26, no. 10, pp. 2322-2326, October 2022. [TechRxiv] [ResearchGate] [Xplore]


[J224] Atefeh Hajijamali Arani, M. Mahdi Azari, Peng Hu, Yeying Zhu, Halim Yanikomeroglu, and Safi eddin Safavi-Naeini, “Reinforcement learning for energy-efficient trajectory design of UAVs”, IEEE Internet of Things Journal, vol. 9, no. 11, pp. 9060-9070, June 1, 2022. [ResearchGate] [Xplore]


[J219] Eylem Erdogan, Ibrahim Altunbas, Gunes Karabulut Kurt, and Halim Yanikomeroglu, “Cooperation in space: HAPS-aided optical inter-satellite connectivity with opportunistic scheduling”, *IEEE Communications Letters*, vol. 26, no. 4, pp. 882-886, April 2022. [arXiv] [ResearchGate] [Xplore]

[J218] Goldwyn Millar, Michel Kulhandjian, Ayse Alaca, Saban Alaca, Claude D’Amours, and Halim Yanikomeroglu, “Low-density spreading design based on an algebraic scheme for NOMA systems”, *IEEE Wireless Communications Letters*, vol. 11, no. 4, pp. 68-702, April 2022. [arXiv] [ResearchGate] [Xplore]

[J217] Sepehr Rezvani, Eduard A. Jorswieck, Roghayeh Joda, and Halim Yanikomeroglu, “Optimal power allocation in downlink multicarrier NOMA systems: Theory and fast algorithms”, *IEEE Journal on Selected Areas in Communications*, vol. 40, no. 4, pp. 1162-1189, April 2022. [arXiv] [ResearchGate] [Xplore]

[J216] Olfa Ben Yahia, Eylem Erdogan, Gunes Karabulut Kurt, Ibrahim Altunbas, and Halim Yanikomeroglu, “A weather-dependent hybrid RF/FSO satellite communication for improved power efficiency”, *IEEE Wireless Communications Letters*, vol. 11, no. 3, pp. 573-577, March 2022. [arXiv] [ResearchGate] [Xplore]


[C303] Rozita Shafie, Mohammad Javad Omidi, Omid Abbasi, and Halim Yanikomeroglu, “Power allocation for a HAPS-enabled MIMO-NOMA system with spatially correlated channels”, *IEEE Globecom Workshops 2022*, 04–08 December 2022, Rio de Janeiro, Brazil. [arXiv] [ResearchGate] [Xplore]
Mohamed Hozayen, Tasneem Darwish, Gunes Karabulut Kurt, and Halim Yanikomeroglu, “A graph-based customizable handover framework for LEO satellite networks”, IEEE Globecom Workshops 2022, 04–08 December 2022, Rio de Janeiro, Brazil. [arXiv] [ResearchGate] [Xplore]

Safwan Alfattani, Animesh Yadav, Halim Yanikomeroglu, and Abbas Yongacoglu, “Beyond-cell communications via HAPS-RIS”, IEEE Globecom Workshops 2022, 04–08 December 2022, Rio de Janeiro, Brazil. [TechRxiv] [arXiv] [ResearchGate] [Xplore]

Sarosh Ahmad, Wael Jaafar, and Halim Yanikomeroglu, “Designing a broadband MIMO antenna for next generation wireless communication systems”, IEEE Globecom 2022, 04–08 December 2022, Rio de Janeiro, Brazil. [Xplore]

Ammar Abdelsamie, Ian Marsland, Ahmed Ibrahim, and Halim Yanikomeroglu, “Neural network aided Viterbi detectors for FTN signalling in ISI channel”, IEEE Globecom 2022, 04–08 December 2022, Rio de Janeiro, Brazil. [ResearchGate] [Xplore]

Dong Chu, Wael Jaafar, and Halim Yanikomeroglu, “On the design of communication-efficient federated learning for health monitoring”, IEEE Globecom 2022, 04–08 December 2022, Rio de Janeiro, Brazil. [arXiv] [ResearchGate] [Xplore]


Hongzhao Zheng, Mohamed Atia, and Halim Yanikomeroglu, “High altitude platform station (HAPS)-aided GNSS for urban areas”, IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2022), 12–14 October 2022, Winnipeg, Manitoba, Canada. [arXiv] [Xplore]


Aizaz U. Chaudhry and Halim Yanikomeroglu, “On crossover distance for optical wireless satellite networks and optical fiber terrestrial networks”, IEEE Future Networks World Forum (FNWF), 12–14 October 2022, Montreal, Canada. [arXiv] [ResearchGate] [Xplore]

Aditya Rajasekaran, Hamza Sokun, Omar Maraqa, Saad Al-Ahmadi, and Halim Yanikomeroglu, “Vision-assisted user clustering for robust mmWave-NOMA systems”, IEEE Future Networks World Forum (FNWF), 12–14 October 2022, Montreal, Canada. [Xplore]

Jintao Liang, Aizaz U. Chaudhry, Eylem Erdogan, and Halim Yanikomeroglu, “Link budget analysis for optical links in free-space optical satellite networks”, IEEE WoWMoM Workshop on Non-Terrestrial Networks in 6G Wireless (NTN-6G), 14–17 June 2022, Belfast, Northern Ireland, UK. [arXiv] [ResearchGate] [Xplore]

Omid Abbasi and Halim Yanikomeroglu, “A cell-free scheme for UAV base stations with HAPS-assisted backhauling in terahertz band”, IEEE International Conference on Communications (ICC 2022), 16–20 May 2022, Seoul, Korea. [Xplore]
Maximiliano Rivera, Mohammad Chegini, Wael Jaafar, Safwan Alfattani, and Halim Yanikomeroglu, “Optimization of quantized phase shifts for reconfigurable smart surfaces assisted communications”, *IEEE Consumer Communications & Networking Conference (CCNC) 2022*, 8–11 January 2022, Virtual Event (Las Vegas, NV, USA). [arXiv] [ResearchGate] [Xplore]

**2021 (47 IEEE journal papers + 20 conference papers)**


[J210] Zhaleh Sadreddini, Erkan Guler, Mohsen Khalily, and Halim Yanikomeroglu, “MRIRS: Mobile ad hoc routing assisted with intelligent reflecting surfaces”, *IEEE Transactions on Cognitive Communications and Networking*, vol. 7, no. 4, pp. 1333-1346, December 2021. [ResearchGate] [Xplore]


Medhat Elsayed, Melike Erol-Kantarci, and Halim Yanikomeroglu, “Transfer reinforcement learning for 5G-NR mm-wave networks”, IEEE Transactions on Wireless Communications, vol. 20, no. 5, pp. 2838-2849, May 2021. [arXiv] [ResearchGate] [Xplore]


Cihan Emre Kement, Bulent Tavli, Hakan Gultekin, and Halim Yanikomeroglu, “Holistic privacy for electricity, water, and natural gas metering in next generation smart homes”, IEEE Communications Magazine, vol. 59, no. 3, pp. 24-29, March 2021. [arXiv] [ResearchGate] [Xplore]


Nesrine Cherif, Mohamed Alzenad, Halim Yanikomeroglu, and Abbas Yongacoglu, “Downlink coverage and rate analysis of an aerial user in vertical heterogeneous networks (VHetNets)”, IEEE Transactions on Wireless Communications, vol. 20, no. 3, pp. 1501-1516, March 2021. [arXiv] [ResearchGate] [Xplore]


[J171] QiQi Ren, Jian Chen, Omid Abbasi, Gunes Karabulut Kurt, Halim Yanikomeroglu, and F. Richard Yu, “An application-driven non-orthogonal multiple access enabled computation offloading scheme”, IEEE Internet of Things Journal, vol. 8, no. 3, pp. 1453-1466, February 1, 2021. [arXiv] [ResearchGate] [Xplore]


[C282] QiQi Ren, Omid Abbasi, Gunes Karabulut Kurt, Halim Yanikomeroglu, and Jian Chen, “High altitude platform station (HAPS) assisted computing for intelligent transportation systems”,
IEEE Global Communications Conference (Globecom) 2021, 7–11 December 2021, Madrid, Spain. [Xplore]


[C280] Nadir Adam, Cristiano Tapparello, Wendi Heinzelman, and Halim Yanikomeroglu, “Utilizing ground nodes with multi-hop capabilities to extend the range of UAV-BSs”, IEEE 5G World Forum 2021, 13–15 October 2021, Virtual Event (Montreal, Canada). [ResearchGate] [Xplore]

[C279] Yucel Aydin, Gunes Karabulut Kurt, Enver Ozdemir, and Halim Yanikomeroglu, “Group authentication for drone swarms”, IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE 2021), 12–14 October 2021, Virtual Event (Cleveland, Ohio, USA). [arXiv] [ResearchGate] [Xplore]

[C278] Musa Otaru, Abdulkareem Adinoyi, Mohammed Ajiya, Mohammed Aljlayl and Halim Yanikomeroglu, “Modified ARQ-based cooperative relaying scheme for a delay tolerant network”, International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME 2021), 07–08 October 2021, Mauritius. [ResearchGate] [Xplore]


[C274] Rawan Alkurd, Ibrahim Abualhaol, and Halim Yanikomeroglu, “User satisfaction prediction framework for personalized wireless networks: A DNN approach”, IEEE International Conference on Communications Workshops (ICCW) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [Xplore]

Conference on Communications Workshops (ICCW) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [arXiv] [ResearchGate] [Xplore]

[C272] Nesrine Cherif, Wael Jaafar, Halim Yanikomeroglu, and Abbas Yongacoglu, “Disconnectivity-aware energy-efficient cargo-UAV trajectory planning with minimum handoffs”, IEEE International Conference on Communications (ICC) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [arXiv] [ResearchGate] [Xplore]

[C271] Mohammad G. Khoshkholgh and Halim Yanikomeroglu, “RSS-based UAV-BS 3-D mobility management via policy gradient deep reinforcement learning”, IEEE International Conference on Communications (ICC) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [arXiv] [ResearchGate] [Xplore]

[C270] Kursat Tekbıyık, Gunes Karabulut Kurt, Chongwen Huang, Ali Rıza Ekı, Halim Yanikomeroglu, “Channel estimation for full-duplex RIS-assisted HAPS backhauling with graph attention networks”, IEEE International Conference on Communications (ICC) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [arXiv] [ResearchGate] [Xplore]

[C269] Islam Abu Mahady, Ebrahim Bedeer, Salama Ikki, and Halim Yanikomeroglu, “NOMA spectral efficiency maximization with improper Gaussian signaling and SIC imperfection”, IEEE International Conference on Communications (ICC) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [Xplore]

[C268] Mohammad G. Khoshkholgh and Halim Yanikomeroglu, “Power control in spectrum sharing systems with almost-zero inter-system signaling overhead”, IEEE International Conference on Communications (ICC) 2021, 14–18 June 2021, Montreal, Quebec, Canada || Virtual Conference. [arXiv] [ResearchGate] [Xplore]


[C266] Olfa Ben Yahia, Eylem Erdogan, Gunes Karabulut Kurt, Ibrahim Altunbas, and Halim Yanikomeroglu, “Physical layer security framework for optical non-terrestrial networks”, Invited Paper, 28th International Conference on Telecommunications (ICT 2021), 1-3 June 2021 || Virtual Conference. [arXiv] [ResearchGate] [Xplore]


[C264] Omid Abbasi and Halim Yanikomeroglu, “Rate-splitting and NOMA-enabled uplink user cooperation”, IEEE Wireless Communications and Networking Conference Workshops (WCNCW) 2021, 29 March – 01 April 2021, Nanjing, China | hybrid. [ResearchGate] [Xplore]
Nadir Adam, Cristiano Tapparello, Wendi Heinzelman, and Halim Yanikomeroglu, “Placement optimization of multiple UAV base stations”, *IEEE Wireless Communications and Networking Conference (WCNC) 2021*, 29 March – 01 April 2021, Nanjing, China | hybrid.

[ResearchGate] [Xplore]

2020 (21 IEEE journal papers + 12 conference papers)


[J160] Elham Kalantari, Halim Yanikomeroglu, and Abbas Yongacoglu, “Wireless networks with cache-enabled and backhaul-limited aerial base stations”, *IEEE Transactions on Wireless Communications*, vol. 19, no. 11, pp. 7363-7376, November 2020. [arXiv] [ResearchGate] [Xplore]

[J159] Omid Abbasi, Halim Yanikomeroglu, Afshin Ebrahimi, and Nader Mokari, “Trajectory design and power allocation for drone-assisted NR-V2X network with dynamic NOMA/OMA”, *IEEE Transactions on Wireless Communications*, vol. 19, no. 11, pp. 7153-7168, November 2020. [arXiv] [ResearchGate] [Xplore]
Yucel Aydin, Enver Ozdemir, Gunes Karabulut Kurt, and Halim Yanikomeroglu, “A flexible and lightweight group authentication scheme”, *IEEE Internet of Things Journal*, vol. 7, no. 10, pp. 10277-10287, October 2020. [arXiv] [ResearchGate] [Xplore]

Lina Bariah, Sami Muhaidat, Paschalis Sofotasios, Sanjeev Gurugopinath, Walaa Hamouda, and Halim Yanikomeroglu, “Non-orthogonal multiple access in the presence of additive generalized Gaussian noise”, *IEEE Communications Letters*, vol. 24, no. 10, pp. 2137-2141, October 2020. [arXiv] [ResearchGate] [Xplore]


Arman Azizi, Saeedeh Parsaeefard, Mohammad Reza Javan, Nader Mokari, and Halim Yanikomeroglu, “Profit maximization in 5G+ networks with heterogeneous aerial and ground base stations”, *IEEE Transactions on Mobile Computing*, vol. 19, no. 10, pp. 2445-2460, October 2020. [ResearchGate] [Xplore]

Cihan Tugrul Cicek, Hakan Gultekin, Bulent Tavli, and Halim Yanikomeroglu, “Backhaul-aware optimization of a UAV base station location and bandwidth allocation for profit maximization”, *IEEE Access*, vol. 8, pp. 154573-154588, 2020. [arXiv] [ResearchGate] [Xplore]

Mohammad Reza Abedi, Mohammad Reza Javan, Nader Mokari Yamchi, and Halim Yanikomeroglu, “3D-MIMO dual communications in SCMA-based secure HetNets”, *IEEE Transactions on Vehicular Technology*, vol. 69, no. 8, pp. 8499-8513, August 2020. [ResearchGate] [Xplore]


Hossein Vaezy, Mehdi Salehi Heydar Abad, Ozgur Ercetin, Halim Yanikomeroglu, Mohammad Javad Omidi, and Mohammad Mahdi Naghsh, “Beamforming for maximal coverage in mmWave drones: A reinforcement learning approach”, *IEEE Communications Letters*, vol. 24, no. 5, pp. 1033-1037, May 2020. [ResearchGate] [Xplore]

Amin Farajzadeh, Ozgur Ercetin, and Halim Yanikomeroglu, “Mobility-assisted over-the-air computation for backscatter sensor networks”, *IEEE Wireless Communications Letters*, vol. 9, no. 5, pp. 675-678, May 2020. [arXiv] [ResearchGate] [Xplore]

Michel Kulhandjian, Ebrahim Bedeer, Hovannes Kulhandjian, Claude D’Amours, and Halim Yanikomeroglu, “Low-complexity detection for faster-than-Nyquist signaling based on probabilistic data association”, *IEEE Communications Letters*, vol. 24, no. 4, pp. 762-766, April 2020. [arXiv] [ResearchGate] [Xplore]
[J148] Rawan Alkurd, Ibrahim Abualhaol, and Halim Yanikomeroglu, “Big data and AI-based framework to enable personalization in wireless networks”, *IEEE Communications Magazine*, vol. 58, no. 3, pp. 18-24, March 2020. [ResearchGate] [Xplore]


[C262] Nesrine Cherif, Wael Jaafar, Halim Yanikomeroglu, and Abbas Yongacoglu, “On the optimal 3D placement of a UAV base station for maximal coverage of UAV users”, *IEEE Global Communications Conference (Globecom) 2020*, 07–11 December 2020, Taipei, Taiwan. [arXiv] [ResearchGate] [Xplore]


[C260] Halim Yanikomeroglu, “Wireless access architecture: The next 20+ years”, *ACM International Conference on Future Networks and Distributed Systems (ICFNDSD)*, November 2020, Article No: 40, Pages 1, 26–27 November 2020, St. Petersburg, Russia. [ResearchGate] [ACM]

[C259] Ozan Alp Topal, Gunes Karabulut Kurt, and Halim Yanikomeroglu, “Securing the interspacecraft links: Doppler frequency shift based physical layer key generation”, *The 8th Annual IEEE International Conference on Wireless for Space and Extreme Environments (WISEE 2020)*, 12–14 October 2020, Venice, Italy (virtual). [ResearchGate] [Xplore]


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