

IEEE Magazine Papers – under review

(4,650 citations)

[M32] N. Cherif, W. Jaafar, E. Vinogradov, H. Yanikomeroglu, S. Pollin, A. Yongacoglu, “**iTUAVs: Intermittently tethered UAVs for future wireless networks**”, under review in *IEEE Wireless Communications Magazine*.

[M31] Z. Akusta Dagdeviren, V.K. Akram, O. Dagdeviren, B. Tavli, H. Yanikomeroglu, “**k-Connectivity in wireless sensor networks: Overview and future research directions**”, under review in *IEEE Network Magazine*.

[M30] A.U. Chaudhry, G. Lamontagne, H. Yanikomeroglu, “**Laser inter-satellite link range in free-space optical satellite networks: Impact on latency**”, under review in *IEEE Aerospace and Electronic Systems Magazine*.

[M29] K. Tekbiyik, G. Karabulut Kurt, A.R. Ekti, H. Yanikomeroglu, “**Reconfigurable intelligent surfaces in action for non-terrestrial networks**”, under review in *IEEE Vehicular Technology Magazine*. (03)

[M28] A.M. Demirtas, M.S. Seyfioglu, I. Bor-Yaliniz, B. Tavli, H. Yanikomeroglu, “**Autonomous UAV base stations for next generation wireless networks: A deep learning approach**”, under review in *IEEE Vehicular Technology Magazine*.

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[M20] A.B. Ozyurt, M. Basaran, M. Ardanuc, L. Durak-Ata, H. Yanikomeroglu, “**Intracell frequency band exiling for green wireless networks: Implementation, Performance Metrics, and Use Cases**”, *IEEE Vehicular Technology Magazine*, Jun 2021.

[M19] Z. Sadreddini, H. Yanikomeroglu, “**Anovel centralized cloud-based mobile data rollover management**”, *IEEE Wireless Communications Magazine*, Apr 2021.

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[M16] S. Alfattani, W. Jaafar, Y. Hmamouche, H. Yanikomeroglu, A. Yongacoglu, N.D. Dao, P. Zhu, “**Aerial platforms with reconfigurable smart surfaces for 5G and beyond**”, *IEEE Communications Magazine*, Jan 2021. (25)

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