**TO BE SUBMITTED** – 11 April 2024

**[P01]** Tasneem – transactions (controller placement)

**[P02]** Afsoon + Animesh – transaction (AI & optimization; comparison)

**[P03]** Afsoon + Animesh – GC2024 A (ML based user association in vHetNet)

**[P04]** Afsoon + Animesh – GC2024 A 🡪 transactions1 (ML based user association in vHetNet + beamforming using deep deterministic policy gradient (DDPG) algorithm)

**[P05]** Afsoon + Animesh – GC2024 B

**[P06]** Afsoon + Animesh – GC2024 B 🡪 transactions2

**[P07]** Afsoon + Animesh – transactions (distributed AI with imperfect CSI)

**[P08]** Afsoon + Metin – conference

**[P09]** Afsoon + Metin – conference 🡪transactions

**[P10]** Afsoon + Gadallah – magazine

**[P11]** Rozita + Omid – GC2024

**[P12]** Rozita + Omid – GC2024 🡪 transactions 2

**[P13]** Yin Lee

**[P14]** Janaki + Amir G – GC2024

**[P15]** Janaki + Amir G – OJCOMS (Modeling Local Demand for Mobile Spectrum: An Interpretable Machine Learning Approach)

**[P16]** Janaki + Amir G – TMLCN (A Multi-Task Deep Learning Approach for Fine-Grained Local Spectrum Demand Estimation)

**[P17]** Hongzhao + Paulo Diniz – ICC 2024 🡪 journal 4

**[P18]** Hongzhao + Paulo Diniz – conference

**[P19]** Hongzhao + Paulo Diniz – conference 🡪 journal 5

**[P20]** Mohanad – GC2024 (FL for SetNets)

**[P21]** Alkadamani – GC2024

**[P22]** Alkadamani – GC2024 🡪 journal 1

**[P23]** Alkadamani – journal 2

**[P24]** Ethan + Pablo – weather

**[P25]** Maryam + X – GC2024

**[P26]** Maryam + Amir – transactions

**[P27]** Maryam + Metin – ? (load prediction)

**[P28]** Metin + Mallik – magazine

**[P29]** Faical + Safwan + Metin – transactions (UAV-assisted nonlinear-EH)

**[P30]** Faical + Safwan – magazine

**[P31]** Wafa – GC2024 (SDN)

**[P32]** Juan + Pablo – ICC 2024 Workshops 🡪 transactions

**[P33]** Dhiraj – GC2024 (joint routing-scheduling-queue management & MDP)

**[P34]** Dhiraj – extension of TAES under review

**[P35]** Melih + Ayse Elif – GC2024 / letter

**[P36]** Bilal – GC2024 / letter (Safwan)

**[P37]** Bilal – survey (resilience)

**[P38]** Mahyoub – GC2024

**[P39]** Jamsheed – magazine

**[P40]** Elham – GC2024

**[P41]** Nazanin Kalantarinejad + Abbasi Moghadam – transactions

**[P42]** Mouhamed Abdulla (Sheridan) – magazine/survey (Sat-IoT)

**[P43]** Maryam + Gadallah – magazine

**[P44]** Ethan + Elham + Pablo – magazine 2

**[P45]** Tuheen + Adnan – magazine (Ericsson management’s permission needed)

**[P46]** Khaled – DmMIMO SatNet

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* *IEEE Transactions on Vehicular Technology* (submission: 29 Dec 2023, unsubmission: 02 Jan 2024, submission: 03 Jan 2024 🡪 reject: 2 Mar 2024).

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**[]** Amin Farajzadeh, Animesh Yadav, and Halim Yanikomeroglu, “Self-evolving integrated VHetNets for 6G: A multi-tier HFL approach”,

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* *IEEE Transactions on Vehicular Technology* (submission: 19 Oct 2022, 1st results: 07 Jan 2023, 1st revision: 26 Feb 2023, 2nd results: 07 May 2023, 2nd revision: 04 Jul 2023, 3rd results: 14 Sep 2023, 3rd revision: 25 Sep 2023 🡪 reject: 30 Sep 2023).

[contact: 08 Nov 2023; Gunes: will talk to Kursat]

[last contact: 31 Dec 2023; Gunes: will contact Kursat after Jan 22]

**[]** Mehdi Fasanghari, Mohammad Akbari, Mohsen Pourghasemian, Mohammad R. Maleki, Mohammad R. Abedi, Nader Mokari, and Halim Yanikomeroglu, “Dynamic pricing in multi-domain multi-tenant MANO with lease transfer capability”,

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* *IEEE Internet of Things Journal* (submission: 30 Sep 2023 🡪 reject: 08 Nov 2023); [[TechRxiv](https://www.techrxiv.org/doi/full/10.36227/techrxiv.24226249.v1)]
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**[]** Esraa M. Ghourab, Wael Jaafar, Lina Bariah, Sami Muhaidat, and Halim Yanikomeroglu, “Interplay between physical layer security and blockchain technology for 5G and beyond: A comprehensive survey”,

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**[]** Mohamad Azizi, Farshad Zeinali, Mohammad Robat Mili, Saeed Shokrollahi, and Halim Yanikomeroglu, “Efficient AoI-aware resource management in VLC-V2X networks via multi-agent RL mechanism”,

* *IEEE Transactions on Vehicular Technology* (submission: 03 Oct 2023, 1st results: 13 Dec 2023, 1st revision: 10 Feb 2024, coauthorship withdrawn: 24 Feb 2024).

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**[]** Shahla Mohsenifard, Ahmad R. Sharafat, and Halim Yanikomeroglu, “Joint power control, channel assignment and cell association in heterogeneous cellular networks”,

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**[]** Amr El-Keyi and Halim Yanikomeroglu, “Optimal mitigation of cross-tier and full-duplex interference in heterogeneous networks”,

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