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Assistant

Participation in international conferences and seminars

12/11/2024 - 16/11/2024	2024 Conference on Empirical Methods in Natural Language Processing (EMNLP 2024) Miami, Florida United States of America (the)
02/12/2025 - 07/12/2025	39th Annual Conference on Neural Information Processing Systems (NeurIPS 2025) San Diego, California United States of America (the)

Publications

Article

Bridging the sim-to-real gap in RF localization with large-scale synthetic pretraining
Armen Manukyan, Rafayel Mkrtchyan, Ararat Saribekyan, Theofanis P. Raptis, Hrant Khachatrian

Information Fusion 2026 104104

https://www.scopus.com/pages/publications/105026611337?origin=resultslist

Article

Interval Edge-Colorings of Cartesian Products of Graphs II
Petros A. Petrosyan, Hrant H. Khachatrian, Hovhannes G. Tananyan

Bulletin of the Malaysian Mathematical Sciences Society 2026 25

https://doi.org/10.1007/s40840-026-02096-4

Article

Fusion of pervasive RF data with spatial images via vision transformers for enhanced mapping in smart cities
Rafayel Mkrtchyan, Armen Manukyan, Hrant Khachatrian, Theofanis P. Raptis

Pervasive and Mobile Computing 2026 102261

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Article

Deep learning with synthetic data for wireless NLOS positioning with a single base station
Hrant Khachatrian, Rafayel Mkrtchyan, Theofanis P. Raptis

Ad Hoc Networks 2025 103696

Article

Vision Transformers for Efficient Indoor Pathloss Radio Map Prediction
Rafayel Mkrtchyan, Edvard Ghukasyan, Khoren Petrosyan, Hrant Khachatrian, Theofanis P. Raptis

Electronics 2025 1905

Article

Datasets Construction and Development of QSAR Models for Predicting Micronucleus In Vitro and In Vivo Assay Outcomes
Lusine Khondkaryan, Ani Tevosyan, Hayk Navasardyan, Hrant Khachatrian, Gohar Tadevosyan,

Lilit Apresyan, Gayane Chilingaryan, Zaven Navoyan, Helga Stopper, Nelly Babayan

Toxics 2023 785

Article

Improving VAE based molecular representations for compound property prediction
Ani Tevosyan, Lusine Khondkaryan, Hrant Khachatrian, Gohar Tadevosyan, Lilit Apresyan,

Nelly Babayan, Helga Stopper, Zaven Navoyan

Journal of Cheminformatics 2022 69

Article

Deep Semi-Supervised Image Classification Algorithms: a Survey
Ani Vanyan, Hrant Khachatrian

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Article

Some bounds on the number of colors in interval and cyclic interval edge colorings of graphs
Petros A. Petrosyan, Carl Johan Casselgren, Hrant H. Khachatrian

Discrete Mathematics 2018 627-637

https://www.sciencedirect.com/science/article/pii/S0012365X17303837

Article

Further results on the deficiency of graphs
P.A. Petrosyan, H.H. Khachatrian

Discrete Applied Mathematics 2017 117-126

https://www.journals.elsevier.com/discrete-applied-mathematics/

Conference

Interval edge colorings of Hamming graphs
Petros Petrosyan, Hrant Khachatrian

2015 134

http://kg15.herokuapp.com/

Conference

On Interval Edge-Colorings of Bipartite Graphs
Petros Petrosyan, Hrant Khachatrian, Tigran Mamikonyan

2015 71-76