

Asst. Prof. MEHMET GÖKHAN BAKAL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University of Kentucky, College of Engineering, Computer Science, United States Of America 2014 - 2019

Postgraduate, University of Kentucky, College of Engineering, Computer Science, United States Of America 2012 - 2014

Undergraduate, Trakya University, Faculty Of Engineering And Architecture, Department Of Computer Engineering, Turkey 2005 - 2009

Research Areas

bioinformatics, Knowledge Engineering, Computer Learning, Text/Document Processing

Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2022 - Continues

Lecturer PhD, Abdullah Gul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2020 - 2022

Courses

Text Mining, Doctorate, 2020 - 2021

Art of Computing, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- Exploiting semantic patterns over biomedical knowledge graphs for predicting treatment and causative relations**

Bakal G., Talari P., Kakani E., Kavuluru R.

JOURNAL OF BIOMEDICAL INFORMATICS, vol.82, pp.189-199, 2018 (Peer-Reviewed Journal)

Articles Published in Other Journals

- Non-Negative Matrix Factorization for Drug Repositioning: Experiments with the repoDB Dataset.**

Bakal G., Kilicoglu H., Kavuluru R.

AMIA ... Annual Symposium proceedings. AMIA Symposium, vol.2019, pp.238-247, 2020 (Peer-Reviewed Journal)

II. Predicting Treatment Relations with Semantic Patterns over Biomedical Knowledge Graphs.

Bakal G., Kavuluru R.

Mining intelligence and knowledge exploration : third International Conference, MIKE 2015, Hyderabad, India, December 9-11, 2015. Proceedings. MIKE (Conference) (3rd : 2015 : Hyderabad, India), vol.9468, pp.586-596, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

I. On Clustering Covid-19 Tweets with Text Mining Perspective

Bakal M. G. , Abar H., Öztürk İ., Abar O., Abar O. (Editor)

in: Text Mining Applications Using Real-World Data in Python, Orhan Abar, Editor, Nobel Yayınevi, Ankara, pp.1-22, 2021

Refereed Congress / Symposium Publications in Proceedings

I. On Comparative Classification of Relevant Covid-19 Tweets

Bakal M. G. , Abar O.

2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.287-291

II. A Comparative Analysis on Medical Article Classification Using Text Mining & Machine Learning Algorithms

Kolukisa B., Dedetürk B. K. , Adanur Dedetürk B., Gülşen A., Bakal M. G.

2021 6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.360-365

III. Non-Negative Matrix Factorization for Drug Repositioning: Experiments with the repoDB Dataset.

BAKAL M. G. , kılıçoğlu h., kavuluru r.

AMIA ... Annual Symposium proceedings. AMIA Symposium, Washington, Kiribati, 16 - 20 November 2019, vol.2019, pp.238-247

IV. On the Predictive Potential of Graph Patterns for Biomedical Relation Extraction

BAKAL M. G. , Wallace s., kavuluru r.

AMIA 2016 ANNUAL SYMPOSIUM, Chicago, IL, United States Of America, 12 - 16 November 2016

V. On Quantifying Diffusion of Health Information on Twitter

Bakal G., Kavuluru R.

4th IEEE EMBS International Conference on Biomedical and Health Informatics (BHI), Florida, United States Of America, 16 - 19 February 2017, pp.485-488

Supported Projects

Bakal M. G. , Abar O., TUBITAK Project, Text Classification Using Complete Subgraphs Generated over N-grams, 2022 - 2024

Metrics

Publication: 9

Citation (WoS): 21

Citation (Scopus): 42

H-Index (WoS): 2

H-Index (Scopus): 3

Non Academic Experience

Business Establishment Private, DDI Technology, Software Development