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Education Information

Doctorate, University of Connecticut, Bilgisayar Bilimi Ve Mühendisliği, United States Of America 2015 - 2019
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik (Yl) (Tezli),
Turkey 2004 - 2007
Undergraduate, Ataturk University, Fen Fakültesi, Matematik Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, Graded cryptographic primitives, University of Connecticut, Bilgisayar Bilimi Ve Mühendisliği, 2015
Postgraduate, Diferensiyel cebirsel ve kısmi türevli diferensiyel cebirsel denklemlerin nümerik çözümü, Yildiz Technical
University, Yapı İşleri ve Tekn.Daire Başkanlığı, Matematik (Yl) (Tezli), 2007

Academic Titles / Tasks

Research Assistant, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Numerical Method for Partial Differential Algebraic Equations Based on Differential Transform Method**
OSMANOĞLU M., BAYRAM M.
ABSTRACT AND APPLIED ANALYSIS, vol.2013, 2013 (SCI-Expanded)

Articles Published in Other Journals

I. **Designing a secure blockchain-based trading platform for internet of things**
Elbüz A., OSMANOĞLU M., TANRIÖVER Ö. Ö.
Communications Faculty of Sciences Series A2-A3 Physical Sciences and Engineering, vol.61, no.1, pp.102-110,
2019 (Peer-Reviewed Journal)
II. **PRIVACY-PRESERVING K-NEAREST NEIGHBOUR INTERPOLATIONMETHOD IN AN OUTSOURCED ENVIRONMENT**
Kalideen M. R., OSMANOĞLU M., TUĞRUL B.
Communications Faculty of Sciences University of Ankara Series A2-A3 Physical Sciences and Engineering, vol.61,

no.1, pp.1-11, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Design of a Blockchain-Based Organ Donation and Transplantation Management Framework**
Osmanoğlu M., Karakuş M., Tuğrul B., Demir S.
9th International Congress on Information and Communication Technology (ICICT 2024), London, England, 19 - 22 February 2024, pp.155-164

II. **A Fuzzy Rule Based Visual Human Tracking System for Drones**
Cetinkaya O. T., Sandal S., BOSTANCI G. E., GÜZEL M. S., OSMANOĞLU M., Kanwal N.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.274-279

III. **Designing Yield Estimation MechanismUsing Blockchain Technology**
Doğantuna T., Ceran A. A., Tuğrul B., Demir S., Osmanoğlu M., Bostancı G. E.
3. International Conference on Theoretical and Applied Computer Science and Engineering, Ankara, Turkey, 23 - 24 November 2018, pp.82-85

IV. **Graded Signatures**
Kiayias A., OSMANOĞLU M., Tang Q.
18th International Conference on Information Security (ISC), Trondheim, Norway, 9 - 11 September 2015, vol.9290, pp.61-80

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