



ISSN: 1694-7398
Year: 2023
Volume: 11
Issue: 2
<http://journals.manas.edu.kg>
journals@manas.edu.kg

PUBLICATION PERIOD

Manas Journal of Engineering (MJEN) is published twice year, MJEN is a peer reviewed journal.

OWNERS Kyrgyz - Turkish Manas University
Prof. Dr. Alpaslan CEYLAN
Dr. Baktigül KALAMBEKOVA

EDITOR Assoc. Prof. Dr. Rita İSMAİLOVA

ASSOCIATE EDITOR Assoc. Prof. Dr. Mirbek TURDUEV

FIELD EDITORS Assoc. Prof. Dr. Rita İSMAİLOVA
(Computer Engineering, Information Technology)
Assoc. Prof. Dr. Mirbek TURDUEV
(Electrical and Electronics Engineering, Material science and engineering)
Dr. Ruslan ADİL AKAY TEGİN
(Food Engineering, Microbiology, Chemical Engineering)
Dr. Kubat KEMELOV
(Environmental Engineering)
Dr. Peyil ESENGUL KIZI
(Mathematics, Applied Mathematics)

EDITORIAL BOARD Prof. Dr. Ozgul Salor DURNA
(Electrical and Electronics Engineering)
Prof. Dr. Ebru DURAL
(Civil Engineering)
Prof. Dr. Jamila SMANALIEVA
(Food Engineering)
Prof. Dr. Mehmet KOBYA
(Environmental Engineering)
Prof. Dr. Asylbek KULMYRZAEV
(Food Engineering)
Prof. Dr. Ercan ÇELİK
(Mathematics)
Assoc. Prof. Dr. Rayimbek SULTANOV
(Computer Engineering, Information Technology)

EDITORIAL ASSISTANTS Dr. Ruslan ADİL AKAI TEGİN
Dr. Peyil ESENGUL KIZI
Kayahan KÜÇÜK
Yusuf GÜNDÜZ

CORRESPONDENCE ADDRESS

Kyrgyz Turkish Manas University
Chyngyz Aitmatov Avenue 56 Bishkek, KYRGYZSTAN
URL: <http://journals.manas.edu.kg>
e-mail: journals@manas.edu.kg
Tel : +996 312 492763- Fax: +996 312 541935



CONTENT

| | | |
|--|--|---------|
| Duygu Öztürk Kanat Burak Bozdoğan Süleyman Aydin | <i>A method for calculation of lateral displacements of buildings under distributed loads</i> | 166-175 |
| İbrahim Teğin Selma Akdeniz İhsan Alacabey Kadir Erol Orhan Acar | <i>Preconcentration and determination of Cu(II) and Cd(II) ions from wastewaters by using hazelnut shell biosorbent immobilized on Amberlite XAD-4 resin</i> | 176-189 |
| Erdinç Aladağ Alper Nuhoglu | <i>Wastewater treatment plant design and modeling for the city of Erzurum</i> | 190-203 |
| Berdan Ulaş | <i>Response surface methodology optimization of electrode modification parameters toward hydrazine electrooxidation on Pd/MWCNT/GCE</i> | 204-215 |
| Ömriyye Özok Şefika Kaya Aykut Çağlar Hilal Demir Kıvrak Arif Kıvrak | <i>Investigation of the performance of (4-(3-iodobenzo[b]thiophen-2-yl)-N,N-dimethyllaniline as an anode catalyst for glucose electrooxidation</i> | 216-222 |
| Nazlı Kadioğlu Karaca | <i>On approximating fixed points of a new class of generalized nonexpansive mappings in uniformly convex hyperbolic space</i> | 223-228 |
| Bartu Sarımehmetoğlu Hamit Erdem | <i>Extracting book titles from book recommendation videos using a deep learning approach</i> | 229-234 |
| Numan Yalçın Ercan Çelik | <i>A new approach for the bigeometric newton method</i> | 235-240 |
| Abdullah Yiğit | <i>A study on the admissibility of fractional singular systems with variable and constant delays</i> | 241-251 |
| Fatih Taha Özcan Ayşe Eldem | <i>A new application for reading optical form with standard scanner by using image processing techniques*</i> | 252-260 |

*correction