



ORCLEVER SCIENCE &
RESEARCH GROUP

OPEN ACCESS

PEER-REVIEWED JOURNAL

OPRD

Orclever Proceedings of Research and Development

AIMS & SCOPE

Orclever Proceedings of Research and Development (OPRD) is an open access journal dedicated to publishing findings resulting from conferences, congresses, and similar events

PUBLISHED BY	Orclever Science & Research Group
FREQUENCY	Continuous Publication
DOI PREFIX	10.56038

Vol. 4
Issue 1 · 2024

E-ISSN 2980-020X
Editor-in-Chief · Prof. Dr. Zeki Oralhan, Nuh Naci Yazgan
University
orclever.com/journals/oprd



In this issue

Conducting Maternal Health Risk Analysis with Deep Learning

Burçin Yönel Önem, Hacer Karacan

pp. 1-18 · 10.56038/oprd.v4i1.432

Air Quality Optimization in Excavator Cabinets Using CFD

Ekin Can Kayar, Hasan Özcan

pp. 19-29 · 10.56038/oprd.v4i1.436

Comparison of Backhoe Loader Bucket Teeth Produced by Welded and Casting Methods Using Finite Element Analysis

Batuhan Göçener

pp. 30-42 · 10.56038/oprd.v4i1.437

Project Management and Intellectual Property Rights: Strategic Approaches

Zeynep Can Yeten

pp. 43-51 · 10.56038/oprd.v4i1.443

Benchmarking Llama 3 70B for Code Generation: A Comprehensive Evaluation

Pınar Ersoy, Mustafa Erşahin

pp. 52-58 · 10.56038/oprd.v4i1.444

Performance Analysis of PID and Fuzzy Logic Controlled Semi-Active and Passive Suspension Elements on Full Vehicle Model

Umut Yaşar Esen, Muzaffer Metin

pp. 59-72 · 10.56038/oprd.v4i1.456

Data Plateau: A Unified Analytics Platform with Intuitive Interfaces for Real-Time and ML-Driven Insights

Mehmet Tasan, Yusuf Ozkan, Ahmet Omer Ozgur, Alper Ozpınar

pp. 73-89 · 10.56038/oprd.v4i1.457

Manual Quick Coupler System at Earth Moving Machines

Fatma Öz, Ferhan Fıçıcı

pp. 90-99 · 10.56038/oprd.v4i1.468

Locking Mechanisms and Breaker Pedal Locking System in Backhoe Loaders

Mustafa Burak Can, Fatma Öz, Ferhan Fıçıcı

pp. 100-114 · 10.56038/oprd.v4i1.469

Natural Language Processing Based Poet Recognition with Supervised Learning on Turkish Poetry Dataset

Serkan Korkmaz, Fehim Köylü

pp. 115-122 · 10.56038/oprd.v4i1.470

Electric Motor Selection Criteria for Traction System in Construction Machines

Sertaç Karasoy, Mustafa Burak Can, Fatma Öz, Ferhan Fıçıcı

pp. 123-146 · 10.56038/oprd.v4i1.471