TABLE OF CONTENTS

Development of TPACK-based E-Modules on Explant Sterilization and Somaclonal Diversity
as Learning Media for Biology Students
The Effect of STEM Problem-Based Learning (PBL) on Student's Scientific Literacy and
Creative Thinking Skills in Ecology Material at SMPN 37 Medan211-219
Development of Booklet on Phytoremediation of Tapioca Wastewater Using Aquatic Plants as
a Learning Resource for Environmental Change
Needs Analysis And Design Of Gamification-Based Learning Management System Edukati
To Support Flipped Classroom Of Cell Material
Profile of Biology Teachers' Skills in Senior High School in Designing Design Thinking-Based
Teaching Materials to Improve Students' Critical Thinking, Numeracy, and Creative Thinking
Abilities Calisto MT 12
Improvement of Science Learning Result on Classification of Living Things through E-LKPD
PjBL for Class VII Students
Development of Digital Atlas with Multiple Intelligences on the Materials of Cell Structure
and Function to Improve Cognitive Thinking Ability of Senior High School Students 251-261
Bibliometric Analysis of 3D Media Research Trends in Science Education from 2020 to 2025:
A Literature Review
Development of Contextual-Based Booklet as Learning Media to Improve Student's
Motivation in MA Al-Qodiri Kalipuro Banyuwangi272-278
Ethnoecological Study of Sendang Surodilogo in Kertek District, Wonosobo Regency as a
Learning Resource