

JURNAL PENELITIAN DAN PEMBELAJARAN IPA

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- THE PROFILE OF STUDENT ACTIVITIES IN LEARNING BASIC NATURAL SCIENCE CONCEPTS THROUGH THE CONTEXTUAL TEACHING AND LEARNING (CTL) APPROACH WITH GROUP INVESTIGATION (GI) MODEL Muhammad Minan Chusni, Astuti Mahardika, Ika Candra Sayekti, Winda Setya
- THE USE OF DIFFICULTY LEARNING ASSESSMENT IN ASSESSING THE CONCEPT MASTERY OF BIOLOGY TEACHER CANDIDATES ON DEVELOPMENT STAGE OF ANIMAL EMBRIOLOGY
 As Juhanda
- IMPLEMENTATION OF OPEN INQUIRY AND GUIDED INQUIRY LEARNING MODELS TOWARD THE JUNIOR HIGH SCHOOL STUDENTS COLLABORATIVE ATTITUDE

Dwi Indah Suryani

- THE EXPERIMENTATION OF PROJECT BASED LEARNING BASED-ECO-CAMPUS TOWARD THE STUDENTS' PROBLEM SOLVING SKILLS AND THE EMOTIONAL ENVIRONMENTAL CLIMATE Suhendar
- THE DEVELOPMENT OF BIOTECHNOLOGY'S LEARNING INSTRUMENTS ORIENTED HIGHER-ORDER THINKING AND THE UTILIZATION OF NATURAL RESOURCES TUNDA'S ISLAND POTENTIAL

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- THE LEARNING EFFECTIVITY OF CHEMISTRY EXPERIMENTAL ACTIVITY IN LABORATORIUM TOWARD THE STUDENT'S LEARNING MOTIVATION Luki Yunita
- THE USE OF SCIENCE ENVIRONMENT TECHNOLOGY AND SOCIETY (SETS) LEARNING MODEL FOR ENHANCING THE CRITICAL THINKING SKILLS AND SCIENTIFIC ATTITUDES

Maimunah

 THE CORRELATION OF LEARNING INDEPENDENCE ATTITUDES AND STUDENT'S LEARNING ACHIEVEMENT ON PHYSICS LEARNING BASED-PORTFOLIO

Asep Saefullah, Parsaoran Siahaan, Ika Mustika Sari



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PREFACE

Praise to Allah SWT who has given all his gifts and favors so that publishers are able to publish the Jurnal Penelitian dan Pembelajaran IPA (JPPI) volume 3, number 1, May 2017. Shalawat and greetings may be poured into Prophet Muhammad SAW, to his family, His companions and his followers until the end of time. The publication of this journal can't be separated from the support of various parties, from university to degree level, researchers from within and outside University of Sultan Ageng Tirtayasa (UNTIRTA), other partners and stakeholders. Do not forget to thank the Dean of Faculty of Teacher Training and Education (FKIP) and Head of Department of Science Education, who has provided support in the publication of this journal. We would also like to thank both the moral and material support given by all parties who provided the way to the publication of this journal. Hopefully this journal can be used and useful for the publication of research in UNTIRTA or outside UNTIRTA.

In volume 3 (three) number 1 (one) consists of 8 articles. All articles are the result of a research study. The research methods used by the authors include descriptive research, quasi experiment, survey, and research and development (R & D). The proportion of articles from the University of Sultan Ageng Tirtayasa is less than 40% and more than 60% of articles from outside University of Sultan Ageng Tirtayasa

Finally the editorial board realizes that this journal is so far from perfect, constructive feedback and suggestions to publishers for future improvements so publishers hope that this journal can have better quality

Serang, May 2017

Editorial Board

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