

TABLE RESEARCH OUTPUT IN CHEMISTRY EDUCATION FOR UPCE IN 2021

Research Group/ Name of staff*	Link
CHEMISTRY LEARNING THEORY AND INNOVATION	
Nama: Dr. Utiya Azizah, M.Pd. Dr. Mitarlis, S.Pd., M.Si. Bertha Yonata, S.Pd., M.Pd.	
Dr. Utiya Azizah, M.Pd. et al. Metacognitive Skills and Self-Regulated Learning in Prospective Chemistry Teachers: Role of Metacognitive Skill-Based Teaching Materials	https://www.tused.org/index.php/tused/article/view/730/695
Dr. Utiya Azizah, M.Pd. et al. Metode Blended Learning Berbantuan Google Classroom Meningkatkan Kemandirian Belajar Siswa	https://ejournal.undiksha.ac.id/index.php/jpk/article/view/31343/18438
Dr. Utiya Azizah, M.Pd. et al. Analisis Korelasi Keterampilan Metakognitif Dan Minat Belajar Terhadap Hasil Belajar Siswa Pada Materi Keseimbangan Kimia	https://ejournal.undikma.ac.id/index.php/jurnalkependidikan/article/view/3327/2617
Dr. Utiya Azizah, M.Pd. et al. Implementation Of Guided Inquiry-Based On Blended Learning To Improve Students' Metacognitive Skills In Reaction Rate	https://journal.uui.ac.id/ijcer/article/view/17608/pdf
Dr. Mitarlis, S.Pd., M.Si. Utilization Of Surrounding Materials To Support Basic Chemistry Learning In The Covid19 Pandemic Era	https://www.atlantispress.com/proceedings/ijcse-21/125966533
Dr. Mitarlis, S.Pd., M.Si. Pengembangan Lembar Kerja Peserta Didik (LKPD) Berwawasan Green Chemistry Untuk Meningkatkan Kemampuan Literasi Sains Pada Materi Asam Basa	https://journal.unnes.ac.id/nju/index.php/jipk/article/view/26031
Dr. Mitarlis, S.Pd., M.Si. Student Worksheets With Scientific Literacy Oriented On Hydrolysis Matter By Utilizing Surrounding Materials As An Alternative Practicum In Pandemic Era.	https://jes.ejournal.unri.ac.id/index.php/jes/article/view/8195

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Dr. Mitarlis, S.Pd., M.Si. Student Worksheet Oriented On Science, Technology, Engineering, And Mathematics (STEM) With PJBL Model On Acid Base Matter By Using Natural Product	https://jurnal.unimed.ac.id/2012/index.php/jpk/article/view/24141
Dr. Mitarlis, S.Pd., M.Si. Lembar Kerja Peserta Didik Berorientasi Mind Mapping Untuk Melatihkan Keterampilan Berfikir Kreatif Pada Materi Asam Basa.	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38552
Dr. Mitarlis, S.Pd., M.Si. Development Of Student Worksheets With Inductive Model Oriented To Train The Critical Thinking Of Students Class XI SMA On Thermochemistry Materials	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/40764/36313
Dr. Mitarlis, S.Pd., M.Si. Student Worksheet With Mind Mapping Strategy To Practice Creative Thinking Skills On Redox Matter Class X	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38973/34433
Dr. Mitarlis, S.Pd., M.Si. Development Of Student Worksheet Which Problem Based Learning Oriented To Increase Students Critical Thinking Skills On Hydrocarbon Material	https://ejournal.unesa.ac.id/index.php/journal-of-chemical-education/article/view/38384
Bertha Yonata, S.Pd., M.Pd. The Effectiveness of Blended Learning in Chemistry Creative Media Course	https://iopscience.iop.org/article/10.1088/1742-6596/1747/1/012037
Bertha Yonata, S.Pd., M.Pd. Four-Tier Diagnostic Test On Chemical Kinetics Concepts For Undergraduate Students	https://www.atlantis-press.com/proceedings/ijcse-21/125966491
Bertha Yonata, S.Pd., M.Pd. Development Of Student Worksheet Based On Inquiry And Internet Assisted Learning To Practice Critical Thinking Skills In Submateriaes Of Reaction Rates	http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/21559
Bertha Yonata, S.Pd., M.Pd. Development Of Inquiry LKPD Through Internet Assisted Learning To Train Science Process Skills	http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/21556
Bertha Yonata, S.Pd., M.Pd. Development Of Students Worksheet Based STEM (Science, Technology, Engineering, And Mathematics) To Improve Student Critical Thinking Skill In Reaction Rate	http://jurnal.fkip.unila.ac.id/index.php/jpk/article/view/23186
Bertha Yonata, S.Pd., M.Pd. Student Worksheet Development To Practice Critical Thinking Skill Using Blended Learning On Reaction Rat	https://journal.uui.ac.id/ijcer/article/view/17713