Research Publications 2022–2025

The following table presents a list of scholarly publications published between 2022 and 2025. These articles reflect sustained research contributions and have been published in reputable academic journals.

No	Tahun	Nama DTPS	Judul Artikel (Jurnal, Volume, Tahun, Nomor, Halaman)
1	2025	Prof. Dr. Utiya Azizah, M.Pd.	Analyzing Students' Misconceptions Based on Submicroscopic Level Representation in Elements, Compounds, and Mixtures
2	2025	Prof. Dr. Utiya Azizah, M.Pd.	Design of TPACK Based PBL Student Worksheet to Enhance Creative Thinking Skills
3	2025	Prof. Dr. Utiya Azizah, M.Pd.	Developing Problem-Solving Based E-Student Liveworksheet to Improve Students' Critical Thinking in Acid-Base
4	2025	Prof. Dr. Utiya Azizah, M.Pd.	Development of an Acid-Base Supplement Book Oriented to Self-Regulated Learning (SRL) to Improve Students Metacognitive Skills.
5	2025	Prof. Dr. Utiya Azizah, M.Pd.	Improvement of Student Learning Outcomes Using E-Worksheets Assisted Live Worksheets on Basic Chemistry Laws Material
6	2025	Prof. Dr. Utiya Azizah, M.Pd.	Pelatihan Penyusunan Lembar Kegiatan Peserta Didik (LKPD) Berbasis Proyek Dalam Implementasi Kurikulum Merdeka Bagi Guru-Guru Sekolah Indonesia Kuala Lumpur (SIKL) Malaysia
7	2025	Prof. Dr. Utiya Azizah, M.Pd.	Pelatihan Penyusunan Modul Ajar Pada Konsep Kimia Berbasis Conceptual Change Model Bagi Guru-Guru Mgmp Kimia Kabupaten Dan Kota Mojokerto
8	2025	Prof. Dr. Utiya Azizah, M.Pd.	Preservice Chemistry Teachers' Ability and Self Efficacy to Implement Technological Pedagogical and Content Knowledge (TPACK)
9	2025	Prof. Dr. Utiya Azizah, M.Pd.	Quality Education: Practicality of the 3CEL Learning Model to Improve the Tpack of Preservice Chemistry Teachers For SDGs

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10	2025	Prof. Dr. Utiya Azizah, M.Pd.	Sparking Deeper Understanding: The Impact of Individual Argumentation on Student Understanding in Chemical Kinetic to Support SDG-4 Quality Education
11	2025	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of Green Chemistry Oriented Student Worksheets with Guided Inquiry Model to Improve Science Literacy Skills on Reaction Rate Material
12	2025	Prof. Dr. Mitarlis, S.Pd., M.Si.	Penerapan Pembelajaran Pbl Berbantuan Media Puzzle Untuk Meningkatkan Hasil Belajar Pada Materi Ekologi Dan Keanekaragaman Hayati Indonesia
13	2025	Prof. Dr. Mitarlis, S.Pd., M.Si.	Pengembangan LAPD Berbasis Project Based Learning dengan Strategi Mind Mapping untuk Meningkatkan Keterampilan Berpikir Kreatif Peserta Didik pada Materi Kimia Hijau
14	2025	Prof. Dr. Mitarlis, S.Pd., M.Si.	System Thinkers: The Critical Role of Management Faculty in Advancing Student Understanding of Sustainability
15	2025	Findiyani Ernawati Asih, S.Pd., M.Pd.	Investigate The Utility Of A Misconception Detection Application As An Early Detection Tool Based On Five-Tier Diagnostics Test
16	2025	Dr. Rosalina Eka Permatasari, M.Pd.	Pelatihan Penyusunan Modul Ajar Pada Konsep Kimia Berbasis Conceptual Change Model Bagi Guru-Guru Mgmp Kimia Kabupaten Dan Kota Mojokerto
17	2025	Dr. Rosalina Eka Permatasari, M.Pd.	The Effect of Edutainment-Based Chemistry Learning Media on Science Process Skills: A Literature Review
18	2025	Dr. Rosalina Eka Permatasari, M.Pd.	The Effectiveness of Learning Media on Atomic Structure Material: A Literature Review
19	2025	Dr. Rosalina Eka Permatasari, M.Pd.	The Effectiveness Of Using Interactive Video-Based Media To Improve Motivation In Chemistry Learning: A Literature Review

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20	2024	Prof. Dr. Utiya Azizah, M.Pd.	Contextual Teaching & Learning-Oriented Student Worksheet to Improve Science Literacy on Chemistry Equilibrium Materials
21	2024	Prof. Dr. Utiya Azizah, M.Pd.	Development of a creative collaborative with critical experience learning model to improve technological pedagogical and content knowledge of preservice chemistry teachers
22	2024	Prof. Dr. Utiya Azizah, M.Pd.	Development of Group Investigation (GI) Orientated Interactive Worksheets to Improve Students' Problem-Solving Skills on Reaction Rate Material
23	2024	Prof. Dr. Utiya Azizah, M.Pd.	Development of Student Worksheets Problem Solving Oriented to Train Students' Critical Thinking Skills on Acid-Base Material
24	2024	Prof. Dr. Utiya Azizah, M.Pd.	Problem Solving-Oriented E-Worksheet To Train Students' Metacognitive Skills On Acid-Base Titration Material
25	2024	Prof. Dr. Utiya Azizah, M.Pd.	Project-Based Learning on Critical Thinking Skills in Science Learning: Meta-analysis
26	2024	Prof. Dr. Utiya Azizah, M.Pd.	Shifting students' conceptions of the catalyst concept by carrying out discussion activities as reinforcement of STEM learning
27	2024	Prof. Dr. Utiya Azizah, M.Pd.	Website-Based Learning Media to Improve Elementary School Students' Reproductive Health Literacy
28	2024	Prof. Dr. Utiya Azizah, M.Pd.	Shifting students' conceptions of the catalyst concept by carrying out discussion activities as reinforcement of STEM learning
29	2024	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of Chemistry Learning Media based on Joyful Learning with Snakes and Ladders Game on Stoichiometry material to Improve Student Learning Outcomes
30	2024	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of Student Activity Sheets (LAPD) Oriented to Project Based Learning (PjBL) to Improve Chemical Literacy Skills on Redox Material

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31	2024	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of Student Activity Sheets (SAS) to Practice Each Creativity Characteristics on Redox Reaction with Project Based Learning (PjBL) Model
32	2024	Prof. Dr. Mitarlis, S.Pd., M.Si.	Pembelajaran Dengan Pendekatan Science, Technology, Engineering, and Mathematic (STEM) dalam Meningkatkan Kemampuan Literasi Sains Pada Materi Redoks
33	2024	Prof. Dr. Mitarlis, S.Pd., M.Si.	Penerapan Model Pembelajaran Inkuiri Terbimbing Pada Materi Laju Reaksi Untuk Meningkatkan Literasi Sains Siswa Smk
34	2024	Dr. Rosalina Eka Permatasari, M.Pd.	Investigating Students' Conception of Acid-Base Indicators Using Three Scientific Questions-Enhanced Conceptual Change Model
35	2023	Prof. Dr. Utiya Azizah, M.Pd.	Analysis of Effectiveness Argument-Driven Inquiry to Improve Students' Argumentation Skill and Conceptual Understanding
36	2023	Prof. Dr. Utiya Azizah, M.Pd.	Development of Guided Inquiry-Oriented Worksheets to Train Students Metacognitive Skills on Acid-Base Material
37	2023	Prof. Dr. Utiya Azizah, M.Pd.	Development of Learning Tools With Flipped Classroom Models to Train Critical Thinking Skills for 4th Grade Elementary School Students
38	2023	Prof. Dr. Utiya Azizah, M.Pd.	Development of Student Worksheets Problem Solving Oriented to Train Metacognitive Skills Students Grade XI on Acid Base Materials
39	2023	Prof. Dr. Utiya Azizah, M.Pd.	Module Based on Metacognitive Strategies to Reduce Misconceptions on Salt Hydrolysis Material
40	2023	Prof. Dr. Utiya Azizah, M.Pd.	Scoping literature review of STEM research in Indonesia in improving critical thinking skills and concepts mastery

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41	2023	Prof. Dr. Utiya Azizah, M.Pd.	THE INTEGRATION OF GREEN CHEMISTRY PRINCIPLES IN BASIC CHEMISTRY LEARNING TO SUPPORT ACHIEVEMENT OF SUSTAINABLE DEVELOPMENT GOALS (SDGs) THROUGH EDUCATION
42	2023	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of student worksheets green chemistry oriented to train creative thinking skills on reaction rate topic
43	2023	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development of Student Worksheets with Guided Inquiry Oriented on Reaction Rate Materials to Improve the Ability of Scientific Literacy of Pharmaceutical Vocational Students
44	2023	Prof. Dr. Mitarlis, S.Pd., M.Si.	Development Of Teaching Modules With Green Chemistry Oriented To Improve Creative Thinking Skills On Acid-Base Materials
45	2023	Prof. Dr. Mitarlis, S.Pd., M.Si.	The integration of green chemistry principles in basic chemistry learning to support achievement of Sustainable Development Goals (SDGs) through education
46	2022	Prof. Dr. Utiya Azizah, M.Pd.	Development of acid-base chemistry student activity sheet to improve metacognitive skills in Senior High School
47	2022	Prof. Dr. Utiya Azizah, M.Pd.	Pengembangan Video Pembelajaran pada Materi Sistem Organ Pencernaan Manusia untuk Meningkatkan Literasi Sains Siswa Sekolah Dasar
48	2022	Prof. Dr. Utiya Azizah, M.Pd.	Penerapan Model Pembelajaran Kooperatif Tipe NHT Berbasis Blended Learning Untuk Meningkatkan Motivasi dan Hasil Belajar Peserta Didik Pada Materi Laju Reaksi
49	2022	Prof. Dr. Utiya Azizah, M.Pd.	Problem Solving Thinking Skills: Effectiveness of Problem-Solving Model in Teaching Chemistry College Students
50	2022	Prof. Dr. Utiya Azizah, M.Pd.	Enhancing metacognitive skills in the classroom: The effect of number head together cooperative learning model

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51	2022	Prof. Dr. Utiya Azizah, M.Pd.	Pelatihan Penyusunan LKPD Eksperimen Sederhana untuk Guru Kimia Sampang Jawa Timur
52	2022	Prof. Dr. Utiya Azizah, M.Pd.	Laboratorium Virtual sebagai Media Pembelajaran Kimia untuk Menyongsong Implementasi Kurikulum Merdeka
53	2022	Prof. Dr. Utiya Azizah, M.Pd.	Development of blended learning-oriented worksheets to train students metacognitive skills on the rate of reaction material
54	2022	Prof. Dr. Utiya Azizah, M.Pd.	The application of jigsaw cooperative learning model on the reaction rate material to train students metacognitive skills
55	2022	Prof. Dr. Utiya Azizah, M.Pd.	Pedagogical Skills Exercise as an Alternative to Increase The Teaching Ability of Pre-Service Chemistry Teachers at Field Experience Practice
56	2022	Prof. Dr. Utiya Azizah, M.Pd.	Answers Argumentation Instrument to Strengthen Conception Diagnostic Test on The Concept of Chemical Kinetics: Validity aspect
57	2022	Prof. Dr. Mitarlis, S.Pd., M.Si.	Implementation of Mind Mapping–Oriented Student Worksheet (SW) on Redox Material to Enhance Creative Thinking Skills
58	2022	Prof. Dr. Mitarlis, S.Pd., M.Si.	Action Research for Enhancing Student Understanding Of Science Literacy In Stoichiometry By Using Flash-Based Learning Media
59	2022	Prof. Dr. Mitarlis, S.Pd., M.Si.	Adaptation of Basic Chemistry Learning with Green Chemistry Oriented
60	2022	Findiyani Ernawati Asih, S.Pd., M.Pd.	The practicality and effectiveness of case study-based module on chemical thermodynamics course (ideal and real gases) as learning tool during the COVID-19 pandemic
61	2022	Findiyani Ernawati Asih, S.Pd., M.Pd.	Students' Integrated Science Process Skills and Argumentation in Basic Natural Science Lecture

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62	2022	Findiyani Ernawati Asih, S.Pd., M.Pd.	Description Of The Role Of Guiding Book In Learning Based On Assessment As Learning
63	2022	Dr. Rosalina Eka Permatasari, M.Pd.	Possible Failure of Applying Conceptual Change Learning Strategies for Chemical Concepts: A Meta Analysis