

CURRICULUM VITAE

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Biography

Prof. Dr. Rahadian Zainul, S.Pd., M.Si. is an expert in the field of Computational and Physical Chemistry and serves as a professor in the Chemistry Department, Faculty of Mathematics and Natural Sciences at Universitas Negeri Padang. He was born in Sungai Penuh on January 21, 1974. His formal education includes a Bachelor's degree in Chemical Education obtained from IKIP Padang during 1992-1997, a Master's degree in Chemistry from Andalas University in 1999, and a Doctorate in Chemistry from the same university in 2015. As a dedicated academician, Prof. Zainul currently holds several key positions at his university, including Secretary of LPPM UNP since 2023, Head of the UNP Campbiotics (Center for Advanced Material Processing, Artificial Intelligence and Biophysics Informatics) Center since 2021, and Head of the Center for Publication, Intellectual Property Rights and Innovation (PPHKI-Innovation) since early 2023. Beyond his academic activities, Prof. Zainul is also a successful entrepreneur with ownership of 7 Foundations focused on IT and Education, Social, and Economic sectors. He is the founder of Insparagon, managing 10 International Publishers and owning various publishing companies that oversee more than 10 international journals across various fields. His research proficiency is reflected in his focus on physical chemistry, with his scientific works being cited more than 2000 times. Prof. Zainul has impressive Scopus & Google Scholar H-Indexes, 15 & 33 respectively, and has recorded 682 citations and 123 publications in Scopus. In the past five years, he has written over 126 technical articles, published 100 books, edited 16 books, and holds a patent for an invention titled “Hexagonal Photoreactor Thin Plate Copper Oxide to Generate Electricity from Room Light and the Process of Making Thin Plate Copper Oxide”. Additionally, he has registered 91 patents, 5 trademarks, and 61 copyrights. In research, Prof. Zainul has led various projects, including Copper Oxide Photocatalyst Material, Room Light Photoreactor, Blended System in Indonesia, Anti-Covid Coating Material, and High Sensitivity Sensor for Glucose in international collaboration with UPSI Malaysia. He is also active in community service activities and has received research funding from various institutions and established collaborations with international researchers. Prof. Zainul continues to make significant contributions to the academic and research world through his relentless hard work and dedication.

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Workshop Pengembangan E-modul Berbasis Guided Discovery Learning Menggunakan Software Sigil Pada Guru-guru Anggota Mgmp Kimia Kota Padang Panjang. Program Kemitraan Masyarakat (pkm), Leader: Budhi Oktavia, Implementation Year: 2021

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Prototype Nano Tembaga Untuk Aplikasi Material Anti Bakteri Pada Semen Portland. Inventor: Prof. Dr. Rahadian Zainul, S.Pd, M.Si, Dr. Fajriah Azra, M.Si, dkk, Publication Date: 2022-09-10

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Teknologi Tepat Guna Cat Tembok Anti Bakteri. Inventor: Prof. Dr. Rahadian Zainul, S.Pd, M.Si, Dr. Dwi Hilda, S.Si, M.Si, Mirella Fonda Maahury, S.Si, M.Si, Publication Date: 2022-09-22

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PROTOTYPE E-MODUL BERBASIS 5E INSTRUCTIONAL UNTUK MENINGKATKAN KETERAMPILAN BERPIKIR KRITIS PADA MATERI KESETIMBANGAN KIMIA. Inventor: Prof. Dr. Rahadian Zainul, S.Pd, M.Si, Prof. Dr. Ellizar, M.Pd, dkk, Publication Date: 2022-09-23

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PROTOTYPE MINI SERVER OFF GRID UNTUK PEMBELAJARAN JARAK JAUH. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Prof. Drs. Ganefri, M. Pd, Ph,D, Dr. Khairuddin, M. Kes, AIFO, Dr. Muhammad Adri, S.Pd, MT, Dr. K, Publication Date: 2022-01-01

Prototype Sensor Elektrokimia Resistivitas Tinggi Berbasis Carbon/Graphene. Inventor: Prof. Dr. Rahadian Zainul, S.Pd, M.Si, Budi Oktavia, S.Si, M.Si, Ph.D, Prof. Dr. Illyas Md Isa, Prof. Dr. nat. Karna Wijaya, M.ENG, Prof. Fitria Rahmawati, M.Si, Devi Purnamasari, S.Psi, MKM, Publication Date: 2022-09-10

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PROTOTYPE SISTEM APLIKASI PEMBELAJARAN BLENDED. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Prof. Drs. Ganefri, M. Pd, Ph,D, Dr. Khairuddin, M. Kes, AIFO, Dr. Muhammad Adri, S.Pd, MT, Dr. K, Publication Date: 2022-01-01

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Konsorsium Inovasi Pendidikan Indonesia (Ki-Pi.org). Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Prof. Drs. Ganefri, M. Pd, Ph,D, Dr. Khairuddin, M. Kes, AIFO, Dr. Muhammad Adri, S.Pd, MT, Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. K, Publication Date: 2022-01-28

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Prototype Of Hexagonal Photo-Reactor For Degradation Humic Acid Using Cu-Zno As A Catalyst In Visible Lights. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si.; Fauzan Yan Hawari; Ghoury Kharisma Anjali; Intan Anika Putri; Sintia Noveliza, Publication Date: 2021-07-21

Panduan Kuliah Smart App Berbasis Android. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., rof. Dr. D, Publication Date: 2021-05-01

Synthesis of Sodium Silicate (Na2SiO3) from Natural Silica using Sodium Hydroxide (NaOH). Inventor: Budhi Oktavia, S.Si, M.Si, Ph.D; Illa Ramadhani, S.Si; Dr. Rahadian Zainul, S.Pd, M.Si, Publication Date: 2021-10-01

Kuliah Smart Program Kuliah MKDK Belajar Pembelajaran Pada LPTK Di Indonesia. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., rof. Dr. D, Publication Date: 2021-05-01

Kuliah Smart Program Kuliah MKDK Landasan Kependidikan pada LPTK di Indonesia. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si.; Dr. Muhammad Adri, S.Pd, MT; Drs. Sriadhi, M.Pd., M.Kom., Ph.D.; Dr. Khaerudin, M.Pd; Neny Wahyuningtyas, M.Pd; Prof. Dr. Darni, M.Hum.; Prof. Drs. Ganefri, M. Pd, Ph,D; Dr. Khairuddin, M. Kes, AIFO, Publication Date: 2021-05-01

METODE PENGOLAHAN SUSU SEHAT DENGAN PENAMBAHAN EKSTRAK JELLY (JELLY MILK DRINK). Inventor: Rifqi Aulia Zaim, S.Pd., M.Pd.T; Dr. Rahadian Zainul, S.Pd., M.Si; Al Mukmin Arif, Publication Date: 2021-12-20

MODEL PEMBENTUKAN UMKM DI KOTA PADANG: SUATU PERSPEKTIF LITERASI KEUANGAN, INKLUSI KEUANGAN, INTERNAL LOCUS OF CONTROL DAN RISK PERCEPTION. Inventor: Megawati, S.E., M.M; Aimatul Yumna, S.E, M.Fin, Ph.D; Charoline Cheisviyanny, S.E, M.Ak, Ak, Publication Date: 2021-10-04

KuliahSmart.com Website Perkuliahan Online. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., rof. Dr. D, Publication Date: 2021-05-01

Pemanfaatan Kulit Lengkeng Sebagai Material Adsorben Zat Warna Dalam Limbah Cair. Inventor: Dr. Desy Kurniawati, S.Pd., M.Si.; Mifthahul Khair., S.Si.,M.Sc.,Ph.D, Publication Date: 2021-08-04

Kuliah Smart. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si; Dr. Khaerudin, M.Pd; Dr. Khairuddin, M. Kes, AIFO; Dr. Muhammad Adri, S.Pd, MT; Drs. Sriadhi, M.Pd., M.Kom., Ph.D; Neny Wahyuningtyas, M.Pd; Prof. Dr. Darni, M.Hum; Prof. Drs. Ganefri, M. Pd, Ph,D., Publication Date: 2022-03-29

Hydrogen Dry Cell Generator for Hydrogen Production by Spliting Water. Inventor: Prof. Dr. Rahadian Z, S.Pd, M.Si.; Efran Ustia Rahmad; Wahdiny Prima; Andini Khairunnisa; Delsya Helvira Suci, Publication Date: 2021-08-20

i-KELAS UNIVERSITAS. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Publication Date: 2021-12-31

Panduan Perkuliahan KuliahSmart.com Bagi Dosen/Tutor. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., Prof. Dr., Publication Date: 2021-05-01

KULIAH SMART. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Khairuddin, M. Kes, AIFO, Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Muhammad Adri, S.Pd, MT, Prof. Dr. Darni, M.Hum., Neny Wahyunin, Publication Date: 2021-03-29

Instrumen Digital untuk Uji Terapan Sistem Pembelajaran pada Produk Pembelajaran Kuliah Smart. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si.; Dr. Muhammad Adri, S.Pd, MT; Drs. Sriadhi, M.Pd., M.Kom., Ph.D.; Dr. Khaerudin, M.Pd; Neni Wahyuningtyas, M.Pd; Prof. Dr. Darni, M.Hum.; Prof. Drs. Ganefri, M. Pd, Ph,D; Dr. Khairuddin, M. Kes, AIFO, Publication Date: 2021-05-01

METODE PEMBUATAN BROWNIS MENGGUNAKAN BERBAGAI MACAM COKLAT BATANG ((disambiguasi). Inventor: Dr. Afnita, M.Pd.; Dr. Rahadian Zainul, S.Pd., M.Si; Aulia Nul Harnita, Publication Date: 2021-12-19

Kuliah Smart Program Kuliah MKDK Profesi Kependidikan Pada LPTK Di Indonesia. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., rof. Dr. D, Publication Date: 2021-05-01

KOMPOSISI RUJAK BUAH DENGAN SAMBAL KACANG YANG DITAMBAHKAN ASAM JAWA (Tamarindus indica). Inventor: Dr. Abna Hidayati, M.Pd; Dr. Rahadian Zainul, S.Pd., M.Si; Gustia Ardiani, Publication Date: 2021-12-23

Pengembangan Sistem Pembelajaran Flipped Classroom Berbasis Project Based Learning pada Materi Ikatan Kimia. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si.; Vika Erlina; Weni Syafitri; Cindy Oktarina; Fauzan Yan Hawari, Publication Date: 2021-09-24

Panduan Perkuliahan KuliahSmart.com Bagi Mahasiswa. Inventor: Dr. Rahadian Zainul, S.Pd., M.Si., Dr. Muhammad Adri, S.Pd., M.T., Drs. Sriadhi, M.Pd., M.Kom., Ph.D., Dr. Khaerudin, M.Pd, Neni Wahyuningtyas, S.Pd., M.Pd., rof. Dr. D, Publication Date: 2021-05-01

Program Kakelas Online. Inventor: Delsina Faiza, Vera Irma Delianti, Thamrin, Geovanne Farell, Publication Date: 2021-10-22

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