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## Publications

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2019

Prosiding seminar internasional

### **Effects of nutrient composition on the formation of biofilm and biocorrosion in MEOR biostimulation**

T KEMALA INTAN

2026

Jurnal nasional terakreditasi

### **Comparison of Buccal Mucosal Epithelial Cell Analysis of Communities Around and Outside The Medan City Waste Landfill**

T KEMALA INTAN , CAUSA TRISNA MARIEDINA

2021

Jurnal internasional bereputasi

### **The relationship between solid medical waste knowledge with attitudes and behaviors of students in Medical Professional Education Program (P3D) Faculty of Medicine, Universitas**

T KEMALA INTAN

2025

Jurnal nasional terakreditasi

### **The Correlation of Immunohistochemistry Expression of Matrix Metalloproteinase-9 with Peritumoral Budding and Molecular Subtype in Invasive Breast Carcinoma of No Special Type**

T KEMALA INTAN , SEPTINA INDRIANI SARAGIH , DELYUZAR

2024

Prosiding seminar internasional

### **Development of machine learning-based sign language translator for Bahasa Isyarat Indonesia (BISINDO)**

EWALDO , HARDY LIYANTO , ABID TONDI NUGRAHA , T KEMALA INTAN , ROSMALINDA , FANINDIA PURNAMASARI , ADE CANDRA

2021

Jurnal internasional bereputasi

### **The relationship between solid medical waste knowledge with attitudes and behaviors of students in Medical Professional Education Program (P3D) Faculty of Medicine, Universitas Sumatera Utara**

T KEMALA INTAN

2023

Prosiding seminar internasional

### **Are waste banks a key contributor to recycling in Indonesia? Case study of Medan city**

T KEMALA INTAN , Kohei Hibino , FRITZ AKHMAD NUZIR

2026

Jurnal nasional

## **The Relationship Between Exhaled Carbon Monoxide Test and Peak Expiratory Flow Rate in Smokers and Non-smokers**

T KEMALA INTAN

2019

Jurnal internasional

### **Rencana Kerja Penurunan Emisi SLCP dari Pengelolaan Limbah Padat Perkotaan di Kota Medan, Indonesia 2019 - 2025**

T KEMALA INTAN

2026

Buku referensi

### **Dampak Senyap Polusi, Eksplorasi Epigenetika Dan Perubahan Sel Rongga Mulut**

T KEMALA INTAN

2026

Jurnal nasional

### **KORELASI LAMA PAPARAN SULFUR DIOKSIDA DENGAN KADAR PROTEIN C-REAKTIF, NILAI VEP1, KVP, RASIO VEP1 DAN AEP 25-75% PADA PEKERJA SPBU**

T KEMALA INTAN

2020

Jurnal internasional bereputasi

### **Four-type of Masks and its Effectiveness Based on Reduced Level of Expiratory Carbon-monoxide**

T KEMALA INTAN

2024

Jurnal nasional terakreditasi

### **Comparison of The HARKIT Score with The STS Score in Predicting Mortality Rates Post Valve Surgery**

IKA CITRA DEWI TANJUNG , ANDIKA SITEPU , T KEMALA INTAN , AINIL WARDAH LUBIS

2025

Jurnal nasional terakreditasi

### **The Correlation of Immunohistochemistry Expression of Matrix Metalloproteinase-9 with Peritumoral Budding and Molecular Subtype in Invasive Breast Carcinoma of No Special Type**

DELYUZAR , T KEMALA INTAN , CAUSA TRISNA MARIEDINA

2022

Jurnal internasional

### **The Accuracy of the Cytological Examination of Fine Needle Aspiration in Papillary Thyroid Carcinoma at General Hospital H. Adam Malik (HAM), Medan**

MOHAMMAD NADJIB D LUBIS , BETTY , DELYUZAR , JOKO S LUKITO , T KEMALA INTAN

## **Researches**

2024

Penelitian Kompetensi

### **Analisis Sel Epitel Bukal Masyarakat Bermukim Di Sekitaran TPA Kota Medan**

T KEMALA INTAN , CAUSA TRISNA MARIEDINA

2023

Ipteks Bagi Inovasi Kreativitas Kampus

### **Pengembangan Sistem Penerjemah Bahasa Isyarat untuk Komunikasi Difabel dengan Non Difabel Berbasis Machine Learning**

ADE CANDRA , AMER SHARIF , T KEMALA INTAN , FANINDIA PURNAMASARI

2022

## **PENGEMBANGAN SISTEM PENERJEMAH BAHASA ISYARAT BERBASIS MACHINE LEARNING BAGI DIFABEL**

ADE CANDRA , T KEMALA INTAN , ROSMALINDA , FANINDIA PURNAMASARI , ABID TONDI NUGRAHA , EWALDO , HARDY LIYANTO

2018

### **Rencana Kerja Penurunan Emisi SLCP dari Pengelolaan Limbah Padat Perkotaan di Kota Medan, Indonesia 2019 - 2025**

T KEMALA INTAN

## **Community Services**

2024

### **PELATIHAN KESEHATAN TENTANG WASPADA TERHADAP KANKER KEPADA MASYARAKAT KECAMATAN MEDAN TEMBUNG**

BETTY , T KEMALA INTAN , CAUSA TRISNA MARIEDINA

2025

### **Pemenuhan Hak Atas Air Bersih Pasca Bencana Banjir Tahun 2025: Model Pengabdian kepada Masyarakat Kolaborasi Kampus-DUDI Melalui Instalasi Mini MBR di Desa Babo, Kabupaten Aceh Tamiang**

MUHAMMAD YUSUF FADLULLAH HAFIDZ NASUTION , MUHAMMAD SULTAN AGUNG , T KEMALA INTAN , NUR SUBIANTORO SE, MSI , MARLON SIHOMBING , MOHAMMAD ARIF NASUTION , AMELIA ANGGRIANY SISWOYO , RIRI REZEKI HARIANI

2019

Kerjasama Luar Negeri dan Publikasi Internasional

### **Rehabilitasi Medik dan Fisioterapi Paska Stroke**

T KEMALA INTAN

2019

Ipteks Bagi Wilayah Antara PT-CSR / PT-PEMDA-CSR

### **KHITANAN MASSAL BAGI WARGA KELURAHAN LABUHAN DELI KECAMATAN MEDAN MARELAN DAN WARGA KELURAHAN BAGAN DELI, KECAMATAN MEDAN BELAWAN, KOTA MEDAN, PROVINSI SUMATERA UTARA**

T KEMALA INTAN

2025

### **Pemenuhan Hak Atas Air Bersih Pasca Bencana Tahun 2025 Model Pengabdian kepada Masyarakat Kolaborasi Melalui Kampus-DUDI Melalui Instalasi Mini MBR di Desa Babo Kabupaten Aceh Tamiang**

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## **Intellectual Property Rights**

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Hak cipta nasional

### **Dampak Senyap Polusi,Eksplorasi Epigenetika Dan Perubahan Sel Rongga Mulut**

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