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## Publications

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2019

Prosiding seminar internasional

### **Relationship between Environmental Factors and Rheumatic Heart Disease**

TINA CHRISTINA L TOBING , YAHWARDIAH SIREGAR , RATNA AKBARI GANIE

2018

Jurnal internasional bereputasi

### **The effect of gambier extract on the levels of malondialdehyde, superoxide dismutase, and blood glucose in type 2 diabetes mellitus patients**

DHARMA LINDARTO , RATNA AKBARI GANIE , AZNAN LELO , YUNITA SARI PANE

2021

Jurnal internasional bereputasi

### **Correlation between mmp-9 and comt in breast cancer-related pain patients with using morphine**

RATNA AKBARI GANIE , IQBAL PAHLEVI ADEPUTRA NASUTION , TASRIF HAMDI , DELFITRI MUNIR , AZNAN LELO , AKHYAR HAMONANGAN NASUTION , DADIK WAHYU WIJAYA

2021

Jurnal internasional bereputasi

### **Combination therapy of vitamin c and thiamine on matrix metalloproteinases-9 (Mmp-9) for septic in icu**

RATNA AKBARI GANIE , AZNAN LELO , BASTIAN LUBIS , AKHYAR HAMONANGAN NASUTION , DELFITRI MUNIR , DADIK WAHYU WIJAYA

2021

Jurnal internasional bereputasi

### **The influence of oral thiamine as an adjuvant to morphine on catechol-o-methyltransferase (Comt) in pain associated with breast cancer**

IQBAL PAHLEVI ADEPUTRA NASUTION , RATNA AKBARI GANIE , TASRIF HAMDI , DELFITRI MUNIR , AKHYAR HAMONANGAN NASUTION , DADIK WAHYU WIJAYA , AZNAN LELO

2020

Jurnal internasional bereputasi

### **Association of Endothelial Nitric Oxide Synthase Gene (G894T) Polymorphism and Hypertension in diabetic Bataknesse Patients**

RATNA AKBARI GANIE , DHARMA LINDARTO , DELFITRI MUNIR , ERNA MUTIARA

2022

Jurnal internasional bereputasi

### **Association Between Serum Midkine Level and Gastric Precancerous Lesion in Patients with Gastritis**

JELITA SIREGAR , DARMADI , RATNA AKBARI GANIE

2019

Prosiding seminar internasional

### **HLA-DRB1 allele distribution among children with rheumatic heart disease in**

## Haji Adam Malik Hospital Medan, Indonesia

YAHWARDIAH SIREGAR , TINA CHRISTINA L TOBING , RATNA AKBARI GANIE

2026

Jurnal internasional bereputasi

### **Mangosteen Peel Extract Improves Kidney Function in Wistar**

ALMAYCANO GINTING , POPPY ANJELISA ZAITUN HASIBUAN , RIRI ANDRI MUZASTI , RATNA AKBARI GANIE , MUHAMMAD RUSDA , MUSTAFA MAHMUD AMIN , EFRIDA

2020

Jurnal internasional bereputasi

### **A therapeutic effect of Nigella sativa extract on female Wistar rats vulvovaginal candidiasis model**

MUHAMMAD FIDEL GANIS SIREGAR , SYAFRUDDIN ILYAS , RATNA AKBARI GANIE , AZNAN LELO

2021

Jurnal internasional bereputasi

### **Association of Neuregulin Levels and Neuregulin-1 Polymorphism with Short-term Morbidities in Preterm Neonates**

OKE RINA RAMAYANI , BUGIS MARDINA LUBIS , RATNA AKBARI GANIE , GUSLIHAN DASATJIPTA

## Researches

2020

### **Hubungan Kadar Homosistein Dengan Derajat Keparahan Pada Pasien Stroke Iskemik Fase Akut di Rumah Sakit Umum Pusat Haji Adam Malik Medan**

RATNA AKBARI GANIE , ROSA ZORAYATAMIN DAMANIK , ISKANDAR NASUTION

2018

### **Association between the ratio of matrix metallo proteinase-2 (MMP-2) to tissue inhibitor of MMP-2 (TIMP-2) level and the expression of collagen type-III in endopelvic fascia of menopausal women with pelvic organ prolapse**

IMAM BUDI PUTRA , MOHAMMAD RHIZA Z TALA , MUHAMMAD FIDEL GANIS SIREGAR , IQBAL PAHLEVI ADEPUTRA NASUTION , RATNA AKBARI GANIE , ERNA MUTIARA , B HASAN PURWA

## Community Services

2022

### **Pemeriksaan Kadar Gula, Asam Urat dan Kolesterol**

NINDIA SUGIH ARTO , RATNA AKBARI GANIE , ALMAYCANO GINTING , JELITA SIREGAR , RICKE LOESNIHARI

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Paten nasional

### **Sediaan ekstrak buah mengkudu (Morinda citrifolia) untuk menurunkan kadar malondialdehid darah pada wanita overactive bladder**

EDY ARDIANSYAH , MUHAMMAD FIDEL GANIS SIREGAR , RATNA AKBARI GANIE , IMAM BUDI PUTRA