

# INTERNATIONAL JOURNAL OF SCIENTIFIC ADVANCES

”

**VOLUME 3 ISSUE 5 : SEP-OCT 2022**

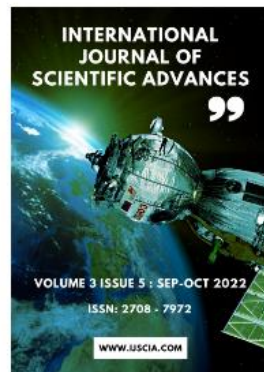
**ISSN: 2708 - 7972**

**[WWW.IJSCIA.COM](http://WWW.IJSCIA.COM)**



## VOLUME 3 | ISSUE 4 : JUL-AUG 2022

### CURRENT ISSUE



VOLUME 3 | ISSUE 5 : SEP - OCT 2022

Archives

### Lateral Luxation Management in Young Permanent Teeth: An Effort to Prevent Pulp and Periodontal Pathologies

Tania Saskianti\*, Mega Moeharyono Puteri, Alit Rahma Estu, Aisyah Marwah

PUBLISHED: 1 Jul 2022 ( 502-506 )

<https://doi.org/10.51542/ijscia.v3i4.1>

Full Text

PDF

### The Effect of Adding Fillers on The Mechanical Properties for Foam Concrete

Ahmed J. Mohammed<sup>1\*</sup> and Ibrahim K. Ibrahim<sup>2</sup>

PUBLISHED: 1 Jul 2022 ( 507-509 )

<https://doi.org/10.51542/ijscia.v3i4.2>

Full Text

Activate Windows  
Go to Settings to activate Windows.



https://www.ijscia.com/?page\_id=12059



- > Archives
- > Current Issue
- > Past Issues
- > Call for Papers
- > Article Processing Charges
- > Sample Paper Format
- > Copyright Form

### Call for papers

- > Submit Papers Online

Volume 3 | Issue 5

Last date: 31/10/2022

PDF

## Effect of Leg Length With 100m Sprint Running Speed on The Men's Soccer Team at SMA 1 Mataram

Ardelia Citra Videla, Aylly Soekanto, Sudibjo, Salmon Charles P.T. Siahaan\*

PUBLISHED: 6 Jul 2022 ( 510-512 )

<https://doi.org/10.51542/ijscia.v3i4.3>

Full Text

PDF

## Clinical symptom and sign characteristics of patients with Conjunctivochalasis

Ilhamiyati and Amira Wahyunisa\*

PUBLISHED: 6 Jul 2022 ( 513-516 )

<https://doi.org/10.51542/ijscia.v3i4.4>

Full Text

PDF

## On the Nature of Time and Energy

Anthony Maccini

PUBLISHED: 13 Jul 2022 ( 517-525 )

<https://doi.org/10.51542/ijscia.v3i4.5>

Full Text

PDF

Activate Windows  
Go to Settings to activate Windows.

https://www.ijscia.com/?page\_id=102



Desktop



28°C Cerah



IND

20.54

06/09/2022



### Impact of Phacoemulsification Cataract Surgery to Number of Corneal Endothelial Cells: A Descriptive Study

Amira Wahyunisa<sup>1</sup>, Andi Arwan A., Uyik Unari Dwi K.

PUBLISHED: 15 Jul 2022 ( 526-529 )

<https://doi.org/10.51542/ijscia.v3i4.6>

Full Text

PDF

### Cardiovascular Manifestations of Systemic Lupus Erythematosus: An Overview

Oboseh J. Ogedegbe<sup>1\*</sup>, Ohikhuare Okun<sup>2</sup>, Jolomi K. Erebo<sup>3</sup>, Oguntimehin B. Augustine<sup>4</sup>, Elendu Chukwuka<sup>5</sup>, Daniel C. Udegbe<sup>6</sup>, Mohamed abdirahman Abdi<sup>7</sup>, Abdulmalik Jimoh<sup>8</sup>, Asfand Yar Cheema<sup>9</sup>

PUBLISHED: 15 Jul 2022 ( 530-532 )

<https://doi.org/10.51542/ijscia.v3i4.7>

Full Text

PDF

### Application of Palm Oil Fuel Ash as Source Material for Geopolymer Concrete Production

Yabefa B.E.<sup>1</sup>, Jonathan B. J.<sup>2</sup> and Orumu S. T.<sup>3\*</sup>

PUBLISHED: 21 Jul 2022 ( 533-536 )

<https://doi.org/10.51542/ijscia.v3i4.8>

Activate Windows  
Go to Settings to activate Windows.



### Successful Diagnosis and Surgical Management of Mucocele in Pediatric Patients

Nita Naomi, Udijanto Tedjosasongko\*, Tania Saskianti, Alit Rahma Estu, Shinta Purnamasari

PUBLISHED: 23 Jul 2022 ( 537-540 )

<https://doi.org/10.51542/ijscia.v3i4.9>

Full Text

PDF

### Research and Analysis of Driving Behavior Characteristics under Anger Emotion

Yiming Yang, Zhihong Chen, Anlin Liu, Siyuan Ma, Kunmei Zhang, and Yongqing Guo\*

PUBLISHED: 27 Jul 2022 ( 541-543 )

<https://doi.org/10.51542/ijscia.v3i4.10>

Full Text

PDF

### Study on The Influence of Driver Anxiety on Driving Behavior During Car-Following

Anlin Liu, Siyuan Ma, Zhihong Chen, Kunmei Zhang, Yiming Yang, and Yongqing Guo\*

PUBLISHED: 27 Jul 2022 ( 544-546 )

<https://doi.org/10.51542/ijscia.v3i4.11>

Full Text

PDF

Activate Windows  
Go to Settings to activate Windows.





### Environmental Planning: Assessing the Socio Economic Consequences of Urban Violence in Tudun Wada Settlement, Kaduna

ALIYU, H. I. <sup>1\*</sup>, ODUNZE, W. C. <sup>2</sup>, M. Y. IBRAHIM <sup>1</sup>, MUSA, F. N. <sup>3</sup>

PUBLISHED: 29 Jul 2022 ( 547-551 )

<https://doi.org/10.51542/ijscia.v3i4.12>

Full Text

PDF

### Obesity and Heart Failure: Understanding the Paradox

Joseph Odeyemi MD, MPH <sup>1\*</sup>; Omotola Nofisat Akinade MD <sup>2</sup>; Anita Osabutey MD, MPH <sup>1</sup>; Efeturi Maxwell Okorigba MD <sup>3</sup>; Theodora Esomonye MD <sup>4</sup>; Aduwa Oboasekhi MD <sup>5</sup>; William Funsho Ogedengbe MD <sup>6</sup>

PUBLISHED: 29 Jul 2022 ( 552-556 )

<https://doi.org/10.51542/ijscia.v3i4.13>

Full Text

PDF

### Analysis of Risk Factors in Computer Vision Syndrome: A Case Control Study

Ilhamiyati and Amira Wahyunisa\*

PUBLISHED: 1 Aug 2022 ( 557-565 )

<https://doi.org/10.51542/ijscia.v3i4.14>

Full Text

PDF

Activate Windows  
Go to Settings to activate Windows.



### Qualitative Screening of Bioactive Compounds in Roots of Sea buckthorn (*Hippophae rhamnoides* L.)

Pooja Dadhwal and Harish Kumar Dhingra\*

PUBLISHED: 3 Aug 2022 ( 566-568 )

<https://doi.org/10.51542/ijscia.v3i4.15>

Full Text

PDF

### Cardiovascular Diseases Associated with Pregnancy: An Overview

Elendu Chukwuka<sup>1\*</sup>, Akinbayo A. Akintunde<sup>2</sup>, Oseremen V. Okpujie<sup>3</sup>, Lawal O. Sodiq<sup>4</sup>, Umeh E. David<sup>5</sup>, Okafor C. Geraldine<sup>6</sup>, Nwosu U. Promise<sup>7</sup>, Egbunu Emmanuel<sup>8</sup>

PUBLISHED: 3 Aug 2022 ( 569-572 )

<https://doi.org/10.51542/ijscia.v3i4.16>

Full Text

PDF

### Extended ArmSpeech: Armenian Spoken Language Corpus

Varuzhan H. Baghdasaryan

PUBLISHED: 6 Aug 2022 ( 573-576 )

<https://doi.org/10.51542/ijscia.v3i4.17>

Full Text

PDF

Activate Windows  
Go to Settings to activate Windows.



### Utilization of Extracted Natural Dye from *Tectona grandis* (Teak) as a Sensitizer for Dye-Sensitized Solar Cell

Alamu Qudus A.<sup>1\*</sup>, Adara Peace Pamilerin<sup>2</sup>, Kofoworola Awodele M.<sup>1</sup> and Oyeshola Hakeem O.<sup>2</sup>

PUBLISHED: 12 Aug 2022 ( 577-580 )

<https://doi.org/10.51542/ijscia.v3i4.18>

Full Text

PDF

### Research on Improvement of College Teachers' Teaching Abilities in the Artificial Intelligence Era

Chen Guo

PUBLISHED: 13 Aug 2022 ( 581-583 )

<https://doi.org/10.51542/ijscia.v3i4.19>

Full Text

PDF

### A Comparative Assessment of Methods of Demonstrating Amyloidosis in Human Tissue

Okelue E. Okobi MD<sup>1\*</sup>, Kenneth O. Iyevhobu<sup>2</sup>, Oyintoun-emi Ozobokeme MD<sup>3</sup>, Zainab Akinsola

MD<sup>4</sup>, Josephine Odedina MD<sup>5</sup>, Nkemputaife P. Onyechi<sup>6</sup>, Abimbola O. Ajibowo<sup>7</sup>, Adedoyin

Olawoye<sup>8</sup>, Adaugo N. Nwanguma<sup>9</sup>

PUBLISHED: 13 Aug 2022 ( 584 -587 )

<https://doi.org/10.51542/ijscia.v3i4.20>

Activate Windows  
Go to Settings to activate Windows.



### Distribution and Randomness of the Numbers in $\sqrt{2}$

Epimaco A. Cabanlit, Jr.\* and Bethany Love E. Bingco

PUBLISHED: 15 Aug 2022 ( 588 -590 )

<https://doi.org/10.51542/ijscia.v3i4.21>

Full Text

PDF

### The Incidence of Parvovirus that Causes Feline Panleukopenia on Stray Cats (*Felis catus*) with the FPV Rapid Test Kit Ag in the East Surabaya Indonesia

Ilsa Mifa Nofira<sup>1</sup>, Dewa Ketut Meles<sup>2</sup>, Nusdianto Triakoso<sup>3</sup>, Martia Rani Tacharina<sup>4</sup>, Adiana

Mutamsari Witaningrum<sup>4</sup>, Jola Rahmahani<sup>1\*</sup>

PUBLISHED: 15 Aug 2022 ( 591 -593 )

<https://doi.org/10.51542/ijscia.v3i4.22>

Full Text

PDF

### The Profiles and Clinical Outcome of Stapled Hemorrhoidopexy and Open Hemorrhoidectomy Patients: A Five-Year Study in Dr. Soetomo General Hospital, Indonesia

Andy Pranata Kusuma<sup>1\*</sup> and Denny Septarendra<sup>2</sup>

PUBLISHED: 16 Aug 2022 ( 594 -599 )

<https://doi.org/10.51542/ijscia.v3i4.23>

Full Text

Activate Windows  
Go to Settings to activate Windows.

# The Incidence of Parvovirus that Causes *Feline Panleukopenia* on Stray Cats (*Felis catus*) with the FPV Rapid Test Kit Ag in the East Surabaya Indonesia

Ilsa Mifa Nofira<sup>1</sup>, Dewa Ketut Meles<sup>2</sup>, Nusdianto Triakoso<sup>3</sup>,  
Martia Rani Tacharina<sup>4</sup>, Adiana Mutamsari Witaningrum<sup>4</sup>, Jola Rahmahani<sup>1\*</sup>

<sup>1</sup>Division of Veterinary Microbiology,<sup>2</sup>Division of Veterinary Basic Medicine, <sup>3</sup>Division of Veterinary Clinic,<sup>4</sup>Division of Veterinary Public Health, Faculty of Veterinary Medicine, Universitas Airlangga, Kampus C Unair Jalan Mulyorejo, Surabaya-60115 Indonesia

\*Corresponding author details: Jola Rahmahani; [jola\\_rahmahani@yahoo.co.id](mailto:jola_rahmahani@yahoo.co.id)

## ABSTRACT

Feline Panleukopenia (FP) is highly infectious disease for felidae kingdom but has not been found in human. FP is caused by feline panleukopenia virus (FPV) from the parvoviridae family. FPV has a very high mortality and morbidity rates. symptoms from this disease is a high fever, appetite loss, vomit which occur from the high fever, and hypersalivation. Most cases for FPV is happen on stray cat. The growing population of the stray cat can increase the risk of the FPV. The aim for this study is to find the potential of the feline panleukopenia virus spread on the stray cat from east Surabaya using the FPV rapid test kit ag and the swab sample from the cat anus. The results showed that there was one adult male cat with an incidence percentage of 0.03% which detected the presence of FPV antigen.

**Keywords:** *Feline panleukopenia Virus* (FPV); stray cats; rapid test kit FPV Ag

## INTRODUCTION

Feline panleukopenia (FP) is a highly contagious infectious disease in the felidae family and has not been found in humans<sup>1</sup>. FP is caused by Feline panleukopenia virus (FPV) of the parvoviridae family. FPV have a very high mortality and morbidityrate<sup>2</sup>. Symptoms that FPV can cause is high fever, decreased appetite, vomiting usually occurs after high fever and sometimes hypersalivation<sup>3</sup>. FPV also has subclinical symptoms that means that the cat does not show a certain symptom or a mild form of medical condition<sup>4</sup>. This subclinical case, occurs a lot in adult cats<sup>5</sup>. This can happen because the cat has been infected with FPV and then recovered or have been vaccinated, which makes the cat stronger against attacks from FPV. However, this does not rule out the possibility of a cat with Subclinical symptoms to transmit this disease to other cats<sup>6</sup>. On subclinical stage, prevention efforts are needed so that there is no secondary infection that makes the cat infected with FPV condition worse<sup>7</sup>.

FPV cases are more frequent in stray cats, Islamet al<sup>8</sup> said that the prevalence of FPV in stray cats (41.67%) is higher compared to a house cat (17.39%). This can happen because stray cats did not get animal welfare, such as a place to live<sup>9</sup>.<sup>10</sup> deworming vitamin, food and also vaccine. In addition, stray cats have wider roaming range compared to a pet cat according to Meek<sup>11</sup> stray cats roaming area is up to 5.1 Ha while house cat only 2.9 Ha, this wider roam territory can also to be one of the factors that causes more stray cats is at risk of developing FPV.

Population of stray cat keep increasing because cat is an animal that is seasonally polyestrous<sup>12</sup> it means cat have seasonal estrous and are able to conceive several times a year with each birth has approximately 3 kittens. The increase of stray cat population will pose more risk to FPV.

It is needed to perform FPV detection on stray cats in East Surabaya in order to determine the potential for FPV cases on stray cats and can prevent FPV.

## METHODS

The sample in this study is stray cat anal swab that was in East Surabaya area. A total of 30 stray cats anal swab samples from 3 markets in East Surabaya including the Sopoyono market, Rungkut sub-district, Pucang market, Gubeng sub-district, and Semolowaru market, Sukolilo sub-district that has a high stray cat population, 10 samples were taken from each market. Sampling method in this research is accidental sampling. The material used is stray cat's anal swab found by the researchers in field. The liquid diluent contains approximately 3 ml in the *Rapid Test FPV kits ag* package. Cat food to make the cat approaches without any coercion which can make cats tormented. The tools used are glove, paper or newspaper, masks and *RapidFPV Test Kits ag*. *Rapid Test Kit FPV ag* is a tool to test the presence of FPV antigen on the feces from stray cat's anal swab found by the researchers.

The cats were caught and approached using cat food, the cat was positioned comfortably then sampling can be conducted. Samples were taken from the cat anal using cotton bud, then entered into the collection tube which contains approx. 3 ml of diluent, then stirred slowly. The supernatant was taken using a pipette from the *Rapid Test FPV kits ag* package then add about 3-4 drops into the round hole in the *rapid test kit FPV ag*. *Rapid Test Kit FPV ag* was positioned in a flat and dry surface. The interpretation of the results will appear in approximately 5-10 minutes. Negative result is shown if there is only 1 line on the letter C which means control. Positive result is shown if there are 2 lines on the letter C and T which means test. If there is no line on the letter C, the result invalid<sup>8</sup>, and it needs to be repeated using the same sample<sup>13</sup>.

After taking a sample, a section of fur on the back near the tail or sacrum of the cat was cut to differentiate the cats.

**RESULTS AND DISCUSSION**

**TABLE 1:** Results of Parvovirus Incidence in stray Cats at Sopoyno Market, Rungkut District

Cat Group	Amount	Negative Results	Positive Results
Male Kitten	4	4	0
Adult Male	1	1	0
Female Kitten	1	1	0
Adult Female	4	4	0
<b>Amount</b>	<b>10</b>	<b>10</b>	<b>0</b>

**TABLE 2:** Results of Parvovirus Incidence in stray Cats at Pucang Market, Gubeng District.

Cat Group	Amount	Negative Results	Positive Results
Male Kitten	1	1	0
Adult Male	3	3	0
Female Kitten	2	2	0
Adult Female	4	4	0
<b>Amount</b>	<b>10</b>	<b>10</b>	<b>0</b>

**TABLE 3:** Results of Parvovirus Incidence in stray Cats at Semolowaru Market, Sukolilo District.

Cat Group	Amount	Negative Results	Positive Results
Male Kitten	1	1	0
Adult Male	3	2	1
Female Kitten	2	2	0
Adult Female	4	4	0
<b>Amount</b>	<b>10</b>	<b>9</b>	<b>1</b>

In the descriptive table above, it can be seen that there are 30 stray cat's anal swab samples and showed 29 negative samples and there was one positive number from the Semolowaru, Sukolilo District. From these results, it appears that two lines are formed on the C line and the T line.



**FIGURE 1:** Positive Result



**FIGURE 2:** Negative Result

From the results of these data, it can be seen the percentage of parvovirus events that causes Feline panleukopenia on stray cats in the East Surabaya Region is 0.03%. This percentage was based on the formula:

$$\begin{aligned} \text{Event percentage} &= (\Sigma \text{ positive samples}) / (\Sigma \text{ all samples}) \times 100\% \\ &= 1/30 \times 100\% \\ &= 0,03\% \end{aligned}$$

**RESULTS AND DISCUSSION**

The results of the research on the incidence of parvovirus that causes FP in stray cats seems to show positive results in adult male cats. In the research of Bukar-kolo et al<sup>14</sup> the prevalence of FPV positive male cats 7% and 6.5% female cat. FPV incident in male cats is higher probably due to the wider roaming area than the female cat which made the males are more at risk of getting infected with FPV. According to Hansen<sup>15</sup> male cats has a 2 times wider home range than female cats. Beside the gender, there is the location factor. The market is damp and also dirty which is the source of disease infection<sup>16</sup> with no exception of FPV in stray cats that lives on the market.

In the research results, there are 2 lines on the Rapid Test Kit FPV ag with a line at the C mark, which means Control and T which means Test. This shows there are positive results but the T line looks faint and not as clear as on line C. The adult male cat showed clinical symptoms that leads the cat to be infected with FPV. The cat has a fever but no diarrhea which according to Squires<sup>3</sup> diarrhea occurs after one to two days of FPV infection, it is possible that the antibody titer to FPV is still low or under cut off<sup>17</sup> which causes faint lines to form. Detection limit of the Rapid Test Kit FPV ag is approximately 10<sup>4.5</sup>TCID<sub>50</sub>/0.1 ml<sup>18</sup>.

The percentage of results shows 0.03% which is a very small number. The possibility of this happening is because of the climate when the study was conducted. Hafid<sup>19</sup> said that FPV infection is higher during the rainy season. According to BMKG<sup>20</sup> in March on East Surabaya is the end of the rainy season and categorized as normal. Another possibility is the low survival rate because FPV is a disease with high mortality rate to 100%<sup>21</sup>. Untreated adult cat mortality rate reaches 85% and mortality in untreated kitten reaches 100%<sup>22</sup>. FPV-infected cats are most likely died before sampled.

The results of this study are different with research conducted by Mahendra<sup>23</sup>. Compared to the previous research, which the data was collected from medical records at the veterinary clinic and a veterinary hospital. It is possible that cats infected with FPV are housecats which their health, environmental conditions and temperature are always monitored. This research method is only done at one time and using stray cats that the health, condition and temperature is unknown. So, when doing this research, it is very difficult to find a stray cat that is infected with FPV, with high mortality and without treatment and therapy.

The main prevention that can be done is vaccination of cats, even if the vaccination cannot completely guarantee the cat won't be infected but at least the cat will be stronger against FPV infection<sup>24</sup>. The first vaccination can be done from the age of 8-9 weeks<sup>25</sup>.

**CONCLUSION**

Based on research results regarding the incidence of parvovirus in stray cats in some market at East Surabaya using Rapid Test Kit FPV ag in March to April 2022, it can be concluded that there is one adult male cat with percentage 0.03% incidence detected FP virus.

## REFERENCES

- [1] Sykes, J.E. Canine and Feline Infectious Diseases (Chapter 19). 2014; ISBN: 978-1-4377-0795-3.
- [2] Mosalanezhad, B., Avizeh, R., and Ghorbanpour, N. M. Antigenic detection of Feline Panleukopenia virus (FPV) in diarrhoeic companion cats in Ahvaz area. 2009.
- [3] Squires, R.A. Feline Panleukopenia (Feline Infectious Enteritis, Feline Parvoviral Enteritis). Msd Manual Veterinary Manual. 2020.
- [4] KBBI. Kamus Besar Bahasa Indonesia (KBBI). [Online] Available at: <http://kbbi.web.id/pusat>. 2022.
- [5] McCune, Sandra. The Domestic Cat. 2010; ISBN: 978-1-405-17523-4.
- [6] Irwan. Epidemiologi Penyakit Menular. Bantul. CV Absolute Media Krapyak. 2017.
- [7] Najmah. Epidemiologi Penyakit Menular. Ogan lilir. Universitas Sriwijaya. 2015.
- [8] Islam, M.A., Rahman M.S., Uddin M.J., Rahman A.K.M.A. Antigenic Detection Of Feline Panleukopenia Virus In Local Breed Cats At Tangail District In Bangladesh. Bangladesh. *Int. J. Biores.* 2010; 2 (11): 25-28.
- [9] National Animal Welfare Advisory Committee (NAWAC). . Animal welfare (companion cats). 2007.
- [10] NAWAC. Code of Welfare: Companion Cats. New Zealand. New Zealand Ministry of Agriculture and Forestry. 2018.
- [11] Meek PD. Home range of house cats *Felis catus* living within a National Park. *Aust. Mammal.* 2003;25: 51-60. doi:10.1071/AM03051
- [12] Little, S.E.. Female Reproduction (Chapter 40). 2012; PMID: PMC7158189.
- [13] Mutaqinah, H.R.A. Deteksi Corona Virus Yang Menyebabkan Feline Infectious Peritonitis Pada Kucing Di Beberapa Cattery Dan Breeder Daerah Surabaya Selatan [Thesis]. Fakultas Kedokteran Hewan Universitas Airlangga. 2019.
- [14] Bukar-kolo, Y.M., Buba E., Igbokwe I.O., and Egbu O. Prevalence of Feline Panleukopenia Virus in Pet and Stray Cats and Associated Risk Factors in Maiduguri, Nigeria. Nigeria. *AJVS.* 2018; Vol. 59 (1): 92-96. doi: 10.5455/ajvs.282457
- [15] Hansen, C.M. Movements and Predation Activity of Feral and Domestic Cats (*Felis catus*) on Banks Peninsula. [Thesis]. Lincoln University. 2010.
- [16] Sucitrayani, P. T. E., Oka, I. B. M., dan Dwinata, M. Prevalensi Infeksi Protozoa Saluran Pencernaan pada Kucing Lokal (*Felis catus*) di Denpasar. *Buletin Veteriner Udayana*, 2014;6(2), 153-159.
- [17] Fristiani, A.K.B., Santosa B., dan Ariyadi T. Sensitivitas dan Spesifitas HBsAG metode Rapid TEST terhadap ELISA. Semarang [Thesis]. Universitas Muhammadiyah. 2017.
- [18] Bionote. Anigen Rapid FPV Ag Test Kit. Korea. 2008; Doc. No: I1203-0E
- [19] Hafid, M.K.A. Penyakit Viral Pada Kucing Yang Dididagnosis Di Rumah Sakit Hewan (Rsh) Prof. Soeparwi Tahun 2017-2019. [Thesis]. Yogyakarta. Universitas Gajah Mada. 2020.
- [20] BMKG. Badan Meteorologi Klimatologi Dan Geofisika. [Online] Available at <https://www.bmkg.go.id>. 2022.
- [21] Kruse, B.D., Unterer S., Horlacher K., Louis S.C., Hartmann K. Prognostic Factors In Cats With Feline Panleukopenia. *J Vet Intern Med* 2010 ;24: 1271-1276. doi: 10.1111/j.1939-1676.2010.0604.x
- [22] Awad, R.A., Hassan S.A, and Martens Brit. Treatment of Feline panleukopenia Virus Infection in Naturally Infected Cats and its Assessment. *Giza. J. Biol. Sci.* 2019;19 (2): 155-160. doi: 10.3923/jbs.2019.155.160
- [23] Mahendra, Y.N., Yuliani.M.G.A., Widodo Agus., Diyantoro., Sofyan.S.M. A Case Study Of Feline Panleukopenia In Cats At The Educational Animal Hospital Of Unversitas Airlangga. Surabaya. *J. Vet. Sci. Technol.* 2020;1: 6-10. doi: 10.20473/javest. V1.I1.2020.6-10
- [24] Zenad, M.M and Radhy A.M. Clinical, serological and antigenic study of feline panleukopenia virus in cats in Baghdad, Iraq. Baghdad. *Iraqi J. Vet. Sci.*, 2020; Vol. 34, No. 2. doi: 10.33899/ijvs.2019.125960.1201
- [25] Gardiner, Andrew. A-Z of Cat Health and First Aid A practical guide for owners Revised and updated. Edinburgh Souvenir Press. 2015; 365-369.

**Re: Acknowledgment of manuscript submission (ID: IJSCIA0387)**

---

Dari: Editor IJSCIA (ijsciaeditor@gmail.com)

Kepada: jola\_rahmahani@yahoo.co.id

Tanggal: Selasa, 6 September 2022 16.53 WIB

---

Dear Dr. Rahamahani,

Thank you for your email. Your manuscript has been published on 15th August 2022. We also informed you but your yahoo mail did not allow the message to be delivered.

Best regards

On Tue, Sep 6, 2022 at 4:47 PM Rahamahani Jola <[jola\\_rahmahani@yahoo.co.id](mailto:jola_rahmahani@yahoo.co.id)> wrote:

Dear Editor of IJSCIA,

I hope this mail finds you well.

I would like to ask about my accepted manuscript. I have received the confirmation of payments last 14 august. Hence, I would like to know when my manuscript will be published?

Thank you in advance,

Dr. Jola Rahmahani

Pada Minggu, 14 Agustus 2022 21.06.08 PDT, Editor IJSCIA <[ijsciaeditor@gmail.com](mailto:ijsciaeditor@gmail.com)> menulis:

Dear author,

Payment received.

We will process your manuscript for publication and inform you once it is published.

Best regards

On Mon, Aug 15, 2022 at 8:33 AM Rahamahani Jola <[jola\\_rahmahani@yahoo.co.id](mailto:jola_rahmahani@yahoo.co.id)> wrote:

Pada Minggu, 14 Agustus 2022 18.30.53 PDT, Rahamahani Jola <[jola\\_rahmahani@yahoo.co.id](mailto:jola_rahmahani@yahoo.co.id)> menulis:

Dear Editor of IJSCIA

I have paid APC of my manusript (atthaced). Thank you

Pada Sabtu, 13 Agustus 2022 13.00.59 PDT, Editor IJSCIA <[ijsciaeditor@gmail.com](mailto:ijsciaeditor@gmail.com)> menulis:

Dear author,

Thank you for giving us the opportunity to consider your work.

Reviewers are recommending that your manuscript should be accepted. The following are their comments:

---

**Reviewer #1:** This study on parvovirus is straight-to-the-point, thorough, and well discussed.

**Reviewer #2:** Overall, the authors have conducted a sound study by carefully elaborating the subject matter. I recommend that it should be accepted.

---

Thank you for your fine contribution.

You now have the following actions to perform:

1. Should you need to make any improvements and other final checks on your manuscript, do so and revert back to us for processing.
2. Pay the article processing fee using the invoice link or code herewith attached: <https://www.paypal.com/invoice/p/#YZ562W4QD3PT2874>

Do not forget to immediately send the proof to us ([ijsciaeditor@gmail.com](mailto:ijsciaeditor@gmail.com)).

Your article would be published online in the current issue once this has been done.

Warm regards

On Thu, Aug 11, 2022 at 1:47 PM Editor IJSCIA <[ijsciaeditor@gmail.com](mailto:ijsciaeditor@gmail.com)> wrote:

Dear author,

Thank you for sending us your manuscript entitled: "**The Incidence of Parvovirus that Causes Feline Panleukopenia on Stray Cats (Felis catus) with the FPV Rapid Test Kit Ag in the East Surabaya Indonesia**".

We endeavor to let you know its status in the next few days (typically 1-3 days).

Best regards

Editor-in-Chief  
International Journal of Scientific Advances (IJSCIA)



SURAT KETERANGAN  
Nomor : 4538/UN3.1.6/KP/2022

Yang bertanda tangan di bawah ini :

Nama : Prof. Dr. Mirni Lamid, drh., MP  
NIP : 196201161992032001  
Pangkat / Golongan : Pembina Utama Madya / (Gol. IV/d)  
Jabatan : Dekan

Dengan ini menerangkan bahwa :

Nama : Dr. Jola Rahmahani, drh., M.Kes.  
NIP : 195807131986012001  
Pangkat / Golongan : Pembina (IV/a) / Tmt. 01-10-2010  
Jabatan : Lektor Kepala

Telah melaksanakan penelitian dengan judul sebagai berikut :

No.	Judul Karya Ilmiah	Tahun Penelitian
1	<u>Protection and profile of immune response against SARS-CoV-2 among the COVID-19 vaccinated and unvaccinated individuals.</u>	2022
2	The Incidence of Parvovirus that Causes Feline Panleukopenia on Stray Cats ( <i>Felis catus</i> ) with the FPV Rapid Test Kit Ag in the East Surabaya Indonesia	2022
3	Studi Serologi Newcastle Disease pada Itik ( <i>Anas javanicus</i> ) yang Dipotong di Pasar Tradisional Surabaya Timur	2022
4	Studi Filogenetik Gen Penyandi Glikoprotein Virus CyHV-3 Pada Ikan Koi Di Beberapa Daerah Jawa Timur	2022

Adapun penelitian tersebut tidak perlu dilakukan *Uji Etical Clearence* karena tidak menggunakan hewan coba yang minimal dan menghasilkan output yang sangat baik.

Demikian surat keterangan ini kami buat untuk dapat dipergunakan sebagai persyaratan pengusulan Jabatan Fungsional Guru Besar.

Surabaya, 25 Oktober 2022

Dekan,

Prof. Dr. Mirni Lamid, drh., MP  
NIP 196201161992032001