

Workshop Menulis SCOPUS itu Mudah 21 Desember 2016, Teknik Informatika, UMY

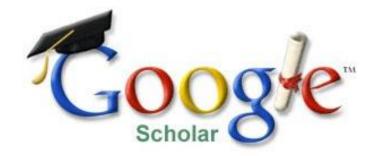






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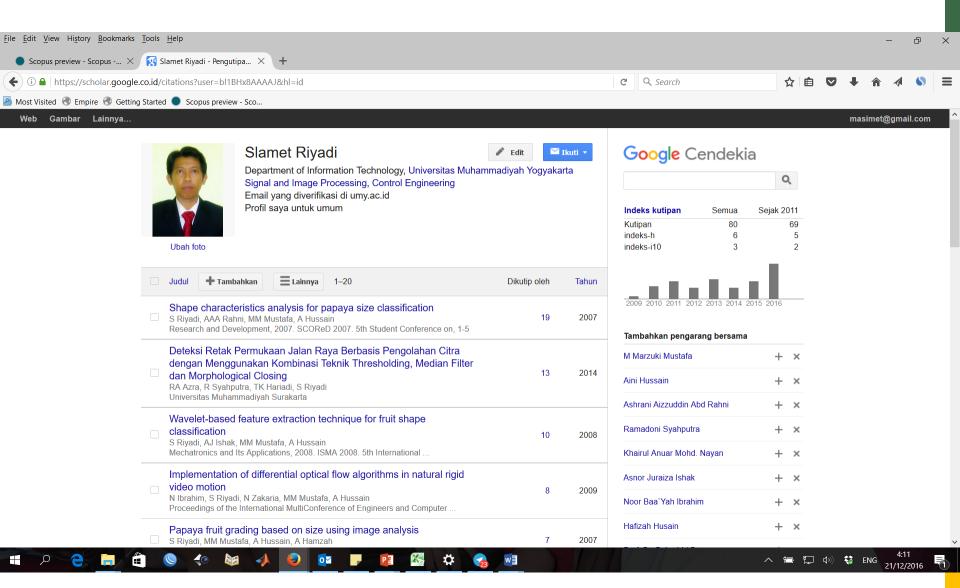
# Scopus®

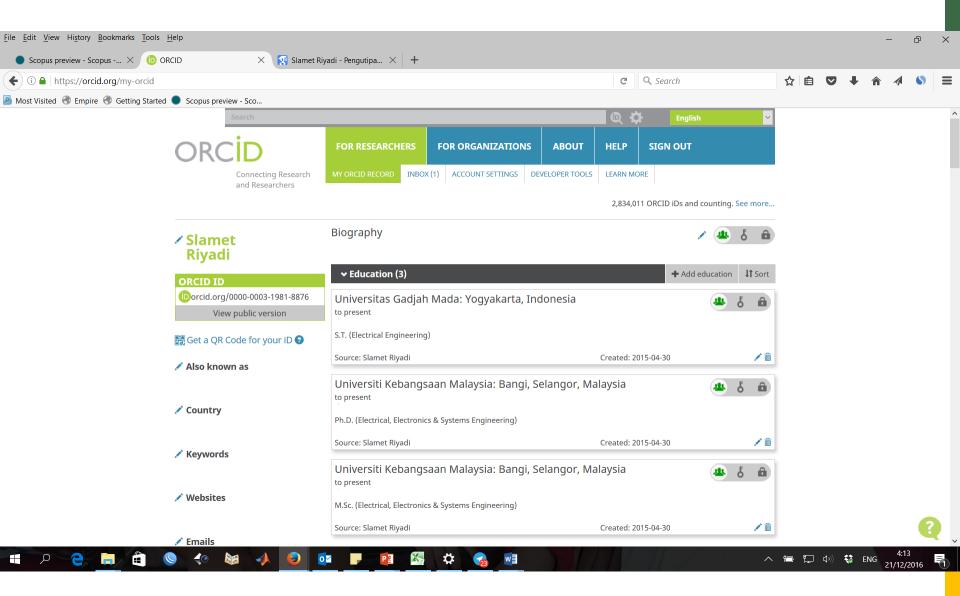


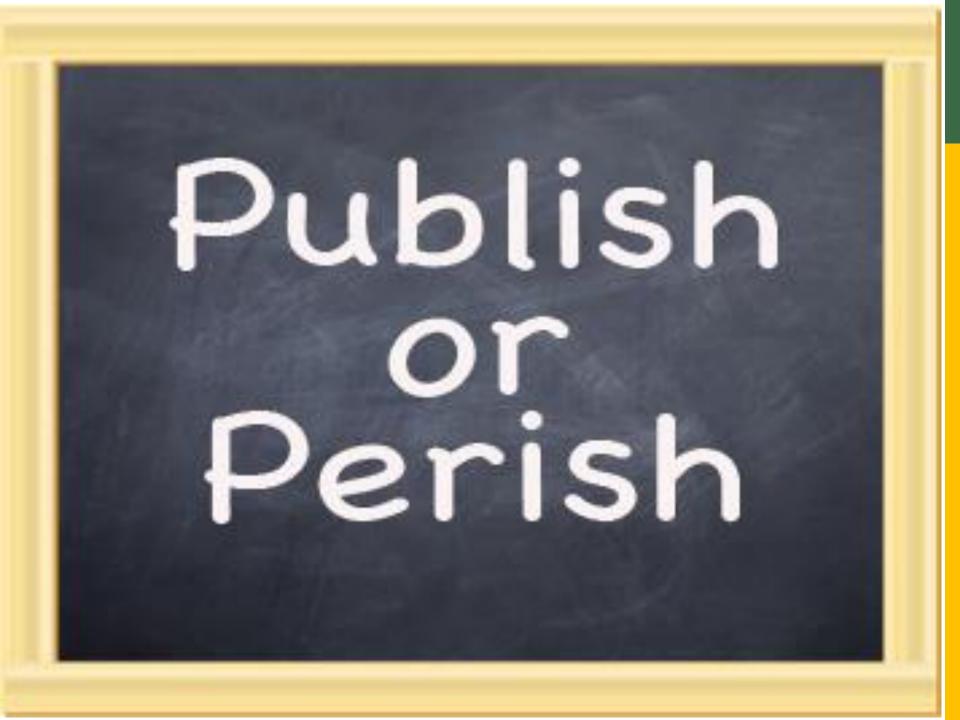
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Riyadi, Slamet Universitas Muhammadiyah Yogyakarta, Department of Information Technology, Yogyakarta, Indonesia Author ID: 6503991450 b http://orcid.org/0000-0003-1981-8876	About Scopus Author Identifier   View potential author matches	Follow this Author       Receive emails when this author publishes new articles         Get citation alerts         Add to ORCID ?         Request author detail corrections	
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Analysis of digital image using pyramidal Gaussian method to detect pavement crack Riyadi, S., Sugiarto, A., Putra, S			
Setiawan, N.A.		Source history: Proceeding of the 5th International Symposium on Mechatronics and its Applications, ISMA 2008	
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# Why publish?









# Reason for not publishing



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# Reason for not publishing

- I'm already too old
- My English is not good
- I don't have any research
- I don't have much time to write
- There isn't writing culture
- Lecturing is not my main job, Professorship is not my goal
- I don't have postgraduate students for doing research
- I have a high administrative position
- My lab doesn't have sufficient equipment for research
- Only few journal titles indexed by Scopus
- ...more and more.







# **Publication facts**

	Count	try	↓ Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1		United States	9360233	8456050	202750565	94596521	21.66	1783
2	•)	China	4076414	4017123	24175067	13297607	5.93	563
3		United Kingdom	2624530	2272675	50790508	11763338	19.35	1099
4	-	Germany	2365108	2207765	40951616	10294248	17.31	961
5		Japan	2212636	2133326	30436114	8352578	13.76	797
6		France	1684479	1582197	28329815	6194966	16.82	878
7	•	Canada	1339471	1227622	25677205	4699514	19.17	862
8		Italy	1318466	1217804	20893655	4825002	15.85	766
9		India	1140717	1072927	8458373	2906102	7.41	426
10	6	Spain	1045796	966710	14811902	3510196	14.16	648
6 7 8 9		France Canada Italy India	1684479 1339471 1318466 1140717 1045796	1582197 1227622 1217804 1072927	28329815 25677205 20893655 8458373	6194966 4699514 4825002 2906102	16.82 19.17 15.85 7.41	

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# Asiatic region

	Count	try	↓ Documents	Citable documents	Citations	Self-Citations	Citations per Document	H index
1	•	China	4076414	4017123	24175067	13297607	5.93	563
2	•	Japan	2212636	2133326	30436114	8352578	13.76	797
3		India	1140717	1072927	8458373	2906102	7.41	426
4	:•:	South Korea	824839	801077	8482515	1801111	10.28	476
5	•	Taiwan	532534	516171	5622744	1208385	10.56	363
6	\$	Hong Kong	219177	206011	3494244	445101	15.94	392
7	<b>(</b> >	Singapore	215553	202089	3135524	389066	14.55	392
8	•	Malaysia	181251	175146	888277	239643	4.90	190
9		Thailand	123410	117565	1182686	190912	9.58	236
10	c	Pakistan	94285	90034	546210	146901	5.79	166
11		Indonesia	39719	37729	282788	33087	7.12	155
12	•	Bangladesh	30612	29157	227447	42157	7.43	134
13	*	Viet Nam	29238	27989	253661	37049	8.68	142

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#### Affiliation details (Universitas Muhammadiyah Yogyakarta)

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# Indonesia

Universities: 3.017+ Lecturers: 270.000+ Phd holders: 24.000+

#### UMY

Lecturers: 580+ PhD: 60+ Students: 21K+



### DARI SKRIPSI KE JURNAL SCOPUS

Slamet Riyadi, PhD

Intelligent System Research Group Universitas Muhammadiyah Yogyakarta Indonesia

Workshop Menulis SCOPUS itu Mudah 21 Desember 2016, Teknik Informatika, UMY



### High quality paper

#### WANTED

- Originality
- Significant advances in field
- Appropriate methods, case studies and conclusions
- Readability
- Studies that meet ethical standards

#### NOT WANTED

- Duplications
- Reports of no scientific interest
- Work out of date
- Inappropriate/incomple te methods or conclusions
- Studies with insufficient data

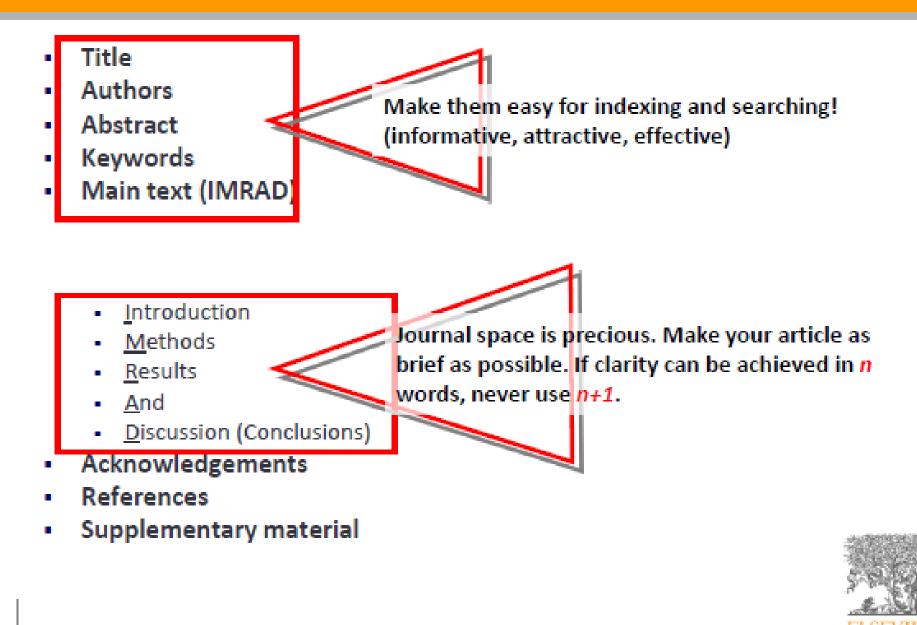


### Content is essential

### **Presentation is critical**



### The general structure of a full article



#### We often write in the following order:

Figures and tables Methods, Results and Discussion Conclusions and Introduction Abstract and title

### Title



A good title should contain the fewest possible words that adequately describe the contents of a paper

#### DO

Convey main findings of research

Be specific

Be concise

Be complete

Attract readers

#### DON'T

Use unnecessary jargon

Use uncommon

abbreviations

Use ambiguous terms

Use unnecessary detail

Focus on part of the content only

ELSEVIER Building Insights. Breaking Boundaries.<sup>TM</sup>

- Avoid common phrases like "novel", "performance evaluation", "Study of", "Investigation"
- Use adjectives that describe the distinctive features of your work, e.g., reliable, scalable, high performance, robust, low-complexity
- Avoid beginning the title with "The", "A" or "An".
- Avoid using "is", "are", "was" and "were"

Website Wisata Mabar

Robust Extraction Technique for Cardiac Motion Quantification Based on Radial Direction Approach

Penerapan Model Pembelajaran Islami Berbasis Game Menggunakan RPG Maker VX Ace

Sistem Informasi Rental Mobil CV.Trans2 Langgeng

Sistem Informasi Penjualan (Studi Kasus di Counter Bakoelan Hp)

Intelligent e-Learning Portal to Improve Student-Teacher Interaction using Modern Hierarchy Approach

### Authors and affiliations



Be consistent with spelling, full versus short names, full versus short addresses

Surnames: Pérez-García / Pérez / García

Middle Initial: Use consistently or not at all

First Names: Dave / David

Affiliation: Faculty of Medicine / Faculty of Medical and Health Sciences

### Abstract



The quality of an abstract will strongly influence the editor's decision

#### A good abstract:

- Is precise and honest
- Can stand alone
- Uses no technical jargon
- Is brief and specific
- Minimizes the use of abbreviations
- Cites no references

#### Use the abstract to "sell" your article

# Abstract contains:

### Motivation

- Why do we care
- This section should include the importance of your work, the difficulty of the area, and the impact it might have if successful.

#### Problem statement:

What problem are you trying to solve? What is the scope of your work

### Approach

- How did you go about solving or making progress on the problem?
- Did you use simulation, analytic models, prototype construction, or analysis of field data for an actual product?
- What important *variables* did you control, ignore, or measure?

### Results

What's the answer? Put the result there, in numbers. Avoid vague, hand-waving results such as "very", "small", or "significant."

### Conclusions

What are the implications of your answer?

Journal of Computer Science 7 (7): 1046-1051, 2011 ISSN 1549-3636 © 2011 Science Publications

#### Myocardial Motion Analysis of Echocardiography Images using Optical Flow Radial Direction Distribution

Slamet Riyadi, Mohd Marzuki Mustafa and Aini Hussain Department of Electrical, Electronic and Systems Engineering, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia, Bangi 43600 Selangor Malaysia

**Abstract: Problem statement:** Myocardial motion is important information for physicians in diagnosing cardiac abnormalities. The motion vector of myocardial can be computed using optical flow technique, which then can be further analyzed based on its magnitude and angle. In practice, physicians are not concern about the angle of vector itself, but are more interested on whether a segment is moving to the center or not. **Approach:** Therefore, in this study we propose a relative motion direction with respect to the center of the cardiac cavity, called radial direction, which is more useful for diagnosis. The radial direction is computed as the difference between the angle of optical flow at a point of interest and the angle between the point and the cavity center. Because of the difficulty in performing analysis based solely on individual vectors, it is helpful to visualize and extract the overall trend by representing motion vectors by their angular distribution. **Results:** This method has been tested on clinical echocardiography sequences and has been shown to be successful in providing a radial direction profile of every segment for each echocardiographic frame. A comparison between the normal angular distribution and the proposed radial direction profile was also presented. **Conclusion:** The proposed profile was shown to be successful in providing the pattern of segmental motion which is easier for physician to analyze the myocardial motion compared with the normal angular distribution as well as more invariant to segment locations.

# Introduction

- Provide the necessary background information to put your work into context
- The introduction should provide:
  - What is the problem? (Broad information on topic)
  - Are there any existing solutions? (Previous research)
  - What are their main limitations? (need to study)
  - And what do you hope to achieve? (objective/hypothesis)

### Introduction is not a review article or a history lesson!

"Rice (Oryza sativa L.) is one of the major corps in the word (Wang et al. 2004), contribution 43.7% of the total national grain production in China... [Followed are more than 200 words, describing the problem of water shortage in rice cropping area.]

Nitrogen (N) is one the three essential macronutrients for plant growth... [Another nearly 300 words describe the generation of nitrites in the soil.]

Using model calculations and experiments... [The next 5 more paragraphs describe the detailed mechanism of how plants absorb N in the soil and its relationship with irrigation.]

Based on previous studies, we focus our investigation on... [Readers may well be exhausted If they ever read this far.]"

### ...But give the whole picture before you present your new data.

"Wide band gap materials are attractive for optical devices. For example, GaN and SiC have been used for blue or shorter wavelength light emitting diodes. ZnO is a wide band gap material (3.37 eV). Compared with others, it has larger exciton binding energy (60 meV), which assure more efficient excitonic emission at higher temperature. The study on the emission properties of ZnO films is attractively increasing attention because of its promising optoelectric applications [4-9]. In this paper, Cu-doped ZnO films were prepared by RF sputtering technique. The structures and light emission properties of Cu-doped ZnO films have been investigated and discussed."

The problem investigated is not addressed enough, especially the necessity or the work. Readers will skim your paper if they cannot find any attractive points in the introduction.

# METHODOLOGY

The basic principle is to provide **sufficient information** so that a knowledgeable reader can **reproduce** the experiment, or the derivation.

#### Ø Empirical papers

- material studied, area descriptions
- methods, techniques, theories applied

#### Ø Case study papers

- application of existing methods, theory or tools
- special settings in this piece of work

#### Ø Methodology papers

- materials and detailed procedure of a novel experimentation
- scheme, flow, and performance analysis of a new algorithm

#### Ø Theory papers

- principles, concepts, and models
- major framework and derivation

# RESULT

#### DO

- Use figures and tables to summarize data
- Show the results of statistical analysis
- Confirm that the method is reliable
- Justify the choice of methods
- Define the limitations of the method

#### DON'T

- Duplicate data among tables, figures and text
- Use graphics to illustrate data that can easily be summarized

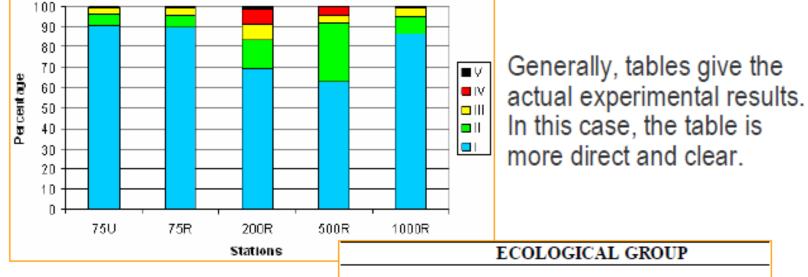
## A figure is worth a thousand words...

 Illustrations, including figures and tables, are the most efficient way to present the results. Your data are the "driving force of the paper". Therefore, your illustrations are critical!

"I do remember when you have an argument about the authorship, people usually would ask: why do not you count the figures to see who contributed what and how many figures?"

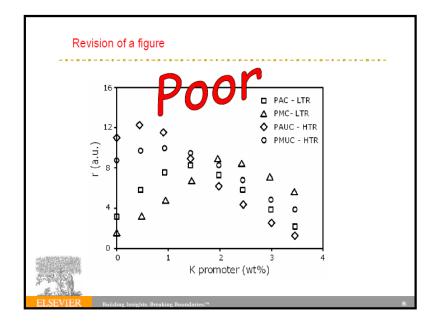


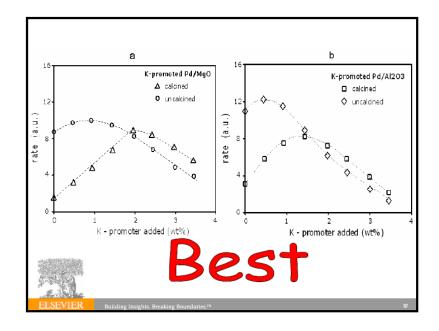
# No illustrations should duplicate the information described elsewhere in the manuscript.



The graph repeats what the table describes.

Station	Ι	п	ш	IV	v
75U	91.3	5.3	3.2	0.2	0.0
75R	89.8	6.1	3.6	0.5	0.0
200R	69.3	14.2	8.6	6.8	1.1
500R	63.0	29.5	3.4	4.2	0.0
1000R	86.7	8.5	4.5	0.2	0.0





## Avoid long and boring tables

#### Table 4. Habitat and year wise variation in C: N, C: P, C: S and N: P ratio

Habitat	Layer	C: N	C: N		C: P		C: S		N: P				
		2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
	Litter	28.38	16.46	25.39	809.99	1731.06	2315.63	403.62	765.99	1462.36	28.54	105.18	91.20
	0	10.16	6.69	13.48	1139.26	1302.12	4090.33	307.09	389.68	1491.93	112.18	194.57	303.44
	25	1.40	0.87	1.53	255.09	420.14	1225.21	38.77	43.76	704.22	182,63	481.32	799.08
	50	1.08	0.48	0.87	286.52	232.94	733.49	36.55	23.24	713.48	266.16	482.10	841.75
	75	1.00	0.68	0.43	267.29	308.34	375.61	28.06	28.96	289.27	268.11	454.71	874.70
	100	1.21	0.50	0.72	479.20	358.25	604.82	30.96	23.81	224.68	395.95	719.89	841.99
	Litter	32.19	19.65	22.35	2214.09	1874.23	2404.12	4012.44	1045.70	506.56	68.79	95.39	107.56
	0	14.69	8.47	6.59	3978.20	2211.44	2809.48	1198.66	633.07	911.40	270.87	261.22	426.49
	25	2.59	2.06	2.52	1220.43	615.67	1003.27	515.45	636.71	1417.22	471.49	299.57	398.49
	50	2.01	1.71	1.30	1148.13	784.35	1190.52	303.14	520.66	576.57	571.29	458.41	913.96
	75	1.96	1.67	1.15	1018.65	982.64	1848.85	234.20	360.32	420.19	518.87	586.89	1602.35
	100	1.73	1.76	0.89	794.97	966.28	1852.74	151.76	354.12	318.74	459.28	550.34	2073.58
Grassland	Litter	38.46	13.09	22.58	2911.64	1796.34	2679.57	18719.59	468.25	7396.69	75.70	137.26	118.69
	0	7.68	6.08	7.16	2024.65	1267.28	3652.67	1759.49	1328.00	1715.80	263.54	208.48	509.81
	25	3.01	1.05	1.44	1232.19	783.45	1506.97	516.96	472.00	668.80	409.07	745.17	1048.35
	50	1.14	0.78	1.31	726.96	694.30	1256.30	735.46	78.22	60.65	638.52	889.94	959.31
	75	1.07	0.72	0.88	628.09	797.55	1567.24	151.64	39.77	25.92	588.98	1106.52	1783.02
	100	0.90	0.77	0.72	508.90	381.24	717.78	46.61	20.13	14.31	\$64.63	498.31	996.65

#### What a crowded table!

Giving all of these ratios to two significant figures after the decimal point is simply not justified by the accuracy of measurement.

ELSEVIER

# DISCUSSION

- It is the most important section of your article.
   Here you get the chance to SELL your data!
  - Many manuscripts are rejected because the discussion is weak
- Make the Discussion corresponding to the Results
  - But do not reiterate the results
- Quantitative description is always preferred.

### Clearly state the relationship with previous publications.

Journal of Molecular Biology doi:10.1016/j.jmb.2005.08.078 Volume 354, Issue 3, 2 December 2005, Pages 601-613 Design and Characterization of Viral Polypeptide Inhibitors Targeting Newcastle Disease Virus Fusion Jieqing Zhu<sup>a, b, †</sup>, Xiuli Jiang<sup>o, †</sup>, Yueyong Liu<sup>a, b, d</sup>, Po Tien<sup>a, III, M</sup> and George F. Gao<sup>a, III</sup>, M

... we showed that HR212 could inhibit NDV-mediated cell fusion... This was in contrast to the results of others[16], which... As a further characterization, we detected the inhibition of HR212 added... This result implied that the conformational changes of the F protein occurred very quickly after receptor binding to the HN protein... This may explain why the inhibition activity was much lower if added after cleavage activation. However, all these results are still consistent with the idea that HR2 peptides could interact ...



# CONCLUSION

- How the work advances the field from the present state of knowledge
  - A clear conclusion section helps reviewers to judge your work easily.

• Do

- Present global and specific conclusions, in relation to the objectives.
- Indicate uses, extensions, and limitations if appropriate.
- Suggest future experiments and point out those that are underway.
- Do not
  - Summarize paper (abstract is for that purpose).
  - Make a list of trivial statements of your results.

#### Toxicology Volume 234, Issues 1-2, 5 May 2007, Pages 90-102

#### Cholinesterase inhibition and alterations of hepatic metabolism by oral acute and repeated

#### chlorpyrifos administration to mice

Maria Francesca Cometa ▶ª, , Franca 《Maria》 Buratti", Stefano Fortunaª, Paola Lorenziniª, 《Maria》 Teresa Volpeª, Laura Parisiª Emanuela Testai<sup>b</sup> and Annarita Meneguzª

#### doi:10.1016/j.tox.2007.02.008

In conclusion, our results obtained with mice increase the knowledge on CPF-induced adverse effects, up to now limited to rats. They seem to suggest that not all the CPF effects measured in rats and the related doses can be directly extrapolated to mice, which seem to be more susceptible at least to acute treatment. Even though many questions still remain open, our findings show that the mouse could be considered a suitable experimental model for future studies on the toxic action of organophosphorus pesticides focused on mechanisms, long term and age-related effects.

- Contribution to the particular area
- Practical significance, extensions
- Possible future work

# Scopus®

## SKRIPSI

## Skripsi?

## Penelitian Mahasiswa S1

## Tulisan Mahasiswa S1

# Fakta Skripsi\*

- Melakukan sesuatu, tapi tidak ada argumentasi kuat bahwa sesuatu itu perlu dilakukan
- Masalah kurang jelas
- Weak scientific contribution
- Unsufficient literature review
- Metode kurang jelas
- Hasil sedikit, analisis dangkal

\* Tidak berlaku untuk keseluruhan skripsi

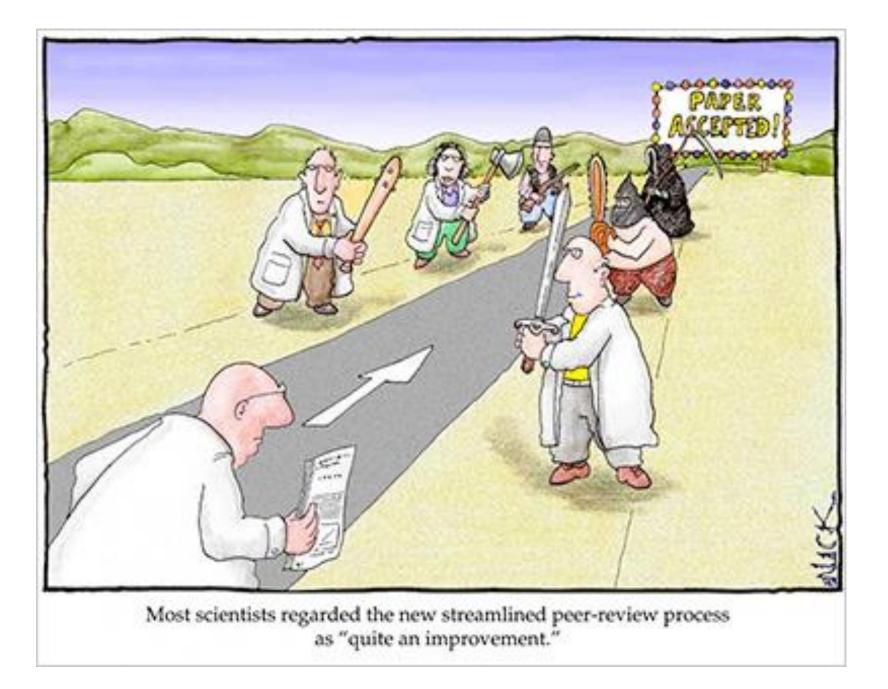
## KULIAH 4 TAHUN UJUNG UJUNGNYA DISURUH CARI CARI MASALAH





# Solusi

- By designed: skripsi to scopus
- Penawaran judul TA dari dosen
- Pembimbingan intensif
- Dosen WAJIB riset
- Dosen WAJIB menulis dan publikasi
- Dosen menulis ulang dan memperkaya kandungan skripsi
- Manfaatkan peer-review







## Resources

- Elsevier
- Google images