




How to Avoid Paper Rejection


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Publications Peer Review

Verified peer reviews  Manage

17	IEEE Transactions on Intelligent Transportation Systems	7	IEEE Internet of Things Journal
2	IEEE Access	2	IEEE Transactions on Vehicular Technology
1	IEEE Vehicular Technology Magazine		

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[Scholar](#)
[Scopus](#)
[PDDikti](#)

Outline

- About Paper: terms and conditions
- The best time to start writing paper
- Writing “slightly good” research paper
- Passing peer-review process



About Paper: Terms and Conditions



Paper

- ~~A (research) paper is a (master) piece of academic writing that delivers ideas, conveys issues, provides interpretations and analyses.~~
- A paper is a story about your research journey, from finding issue until drawing conclusion.



Paper outline

Your paper clickbait

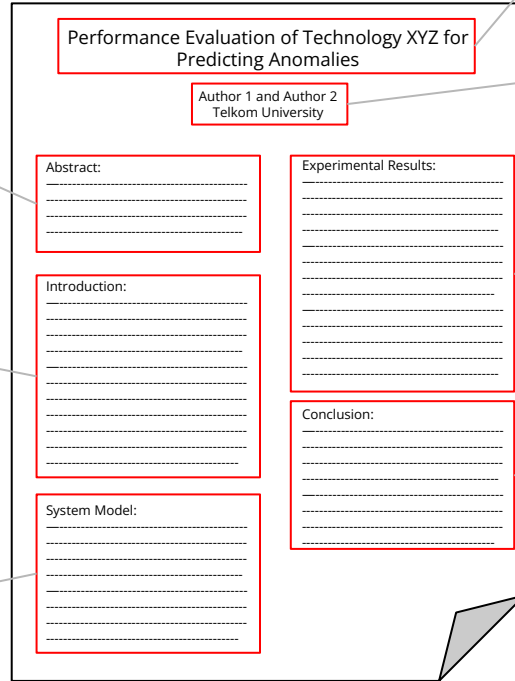
Are they famous authors / researchers?



For showing how good your work is



Finally, your paper is so great and cool



Your compact greeting lines

- Is it interesting?
- Is it boring?
- etc.

Fewer readers but still you have to tell your inspiration of writing this paper.



The most boring part, full of symbols and equations to make your readers think that you are great researcher



Why writing paper

Journal

- ~~Establishing portfolio / track record~~ → No, because I am a great person
- ~~Compiling the previous results in several proceeding~~ → No, because my research is so cool / important for the world and I just want to be recognized

Conference

- ~~Reserving idea for future work~~ → No, I just want to travel
- ~~Having more friends~~ → No, I just want to show-off to new people

Type of papers

Survey Paper

Summarizing several recent research issues and achievements and sometimes forecasting future challenges/technologies.

Research Paper

Disseminating research activities → introducing issues, contribution, state-of-the-art, system model, experiment, analyses, conclusion

Letter

Short research paper, typically up to 4 - 5 pages

Comment Paper

Comments/Critics to the published paper.

Where to submit

Journal / Transactions

- Rigorous (painful) review process
- Time-consuming (boring) process (up to 2 years depending on the policy)
- Expensive
- More comprehensive materials / resources
- More reputable / reliable
- Reaching a greater number of readers

Conferences

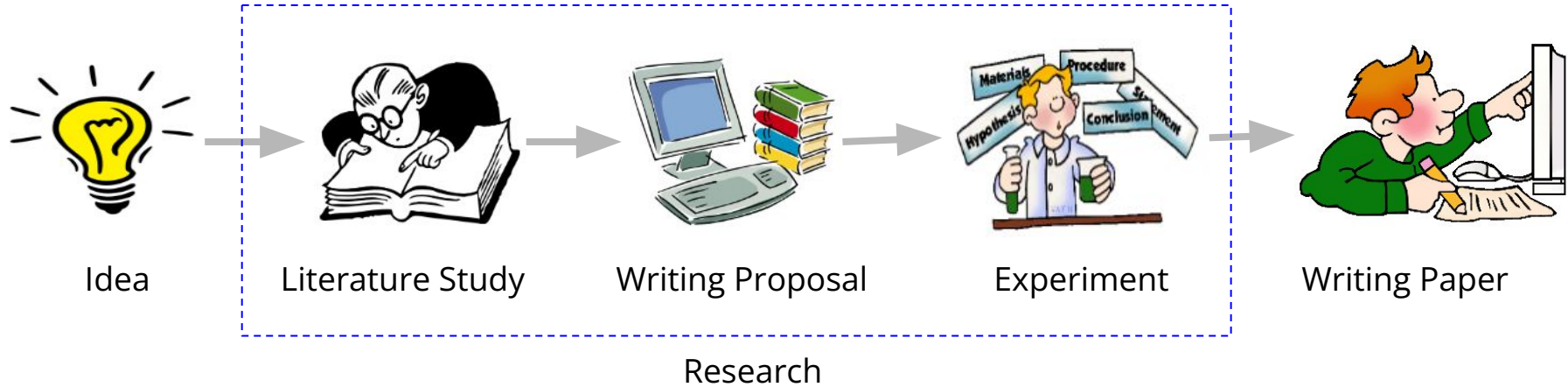
- Easy review process
- Fast process (2 ~ 6 weeks typically depending on the policy)
- Low cost
- Limited information
- Less reputable / reliable
- Less number of readers



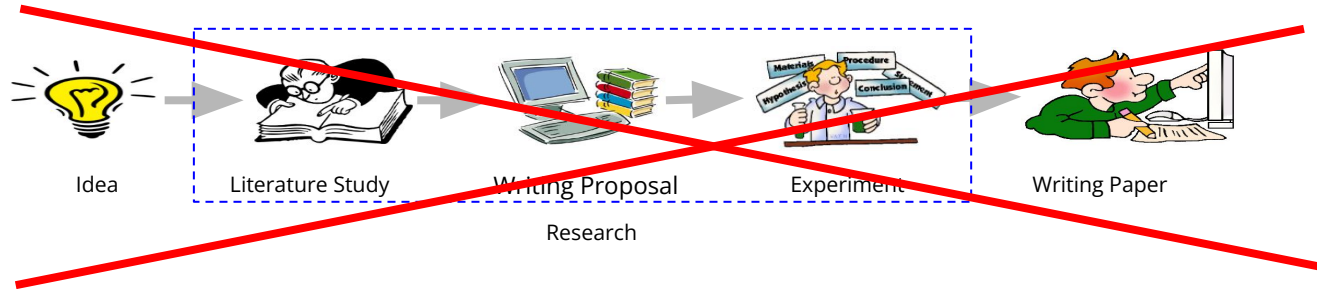
The best time to write paper



Paper Writing Flow



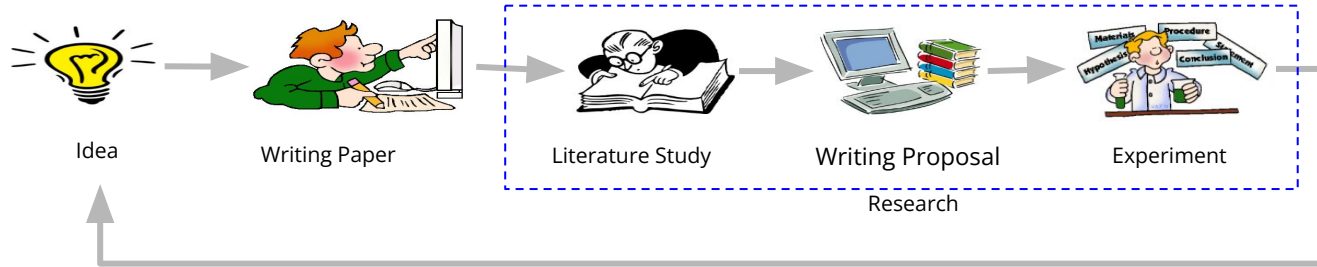
Paper Writing Flow



Don't Wait

Start writing your paper **right now**

Paper Writing Flow



Paper is **not** the report of your research

but

Paper is your **research storyline**



Ideas are like slippery fish. They seem to have a peculiar knack of getting away from us. Because of this, the creative person always has a pad and a pencil handy. When he gets an idea, he writes it down. He knows that many people have found their whole lives changed by a single great thought. By capturing ideas immediately, he doesn't risk forgetting them.

Earl Nightingale

Starting from

Your title reflecting your idea or research topic

Your abstract elaborating your research path / scenario

Because, we may ...

delete or edit our **thoughts** along the journey of our paper writing.

However, we will always live with those thought through our fascinating paper writing **journey**.

By the time goes by, our paper will be more **solid** after passing several discussions and experiments.

Eventually, the paper deserves to be **published**.



Writing a slightly good research paper



Imagine you are telling a story

Issues

Clickbaits

Importances

Challenges

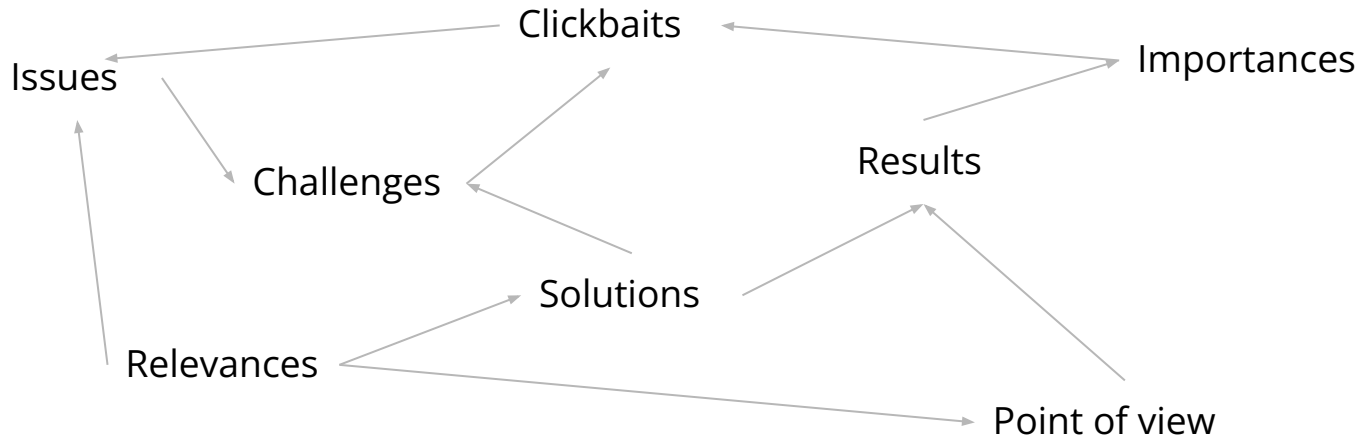
Results

Solutions

Relevances

Point of view

Your job is to connect those things



Similar to any story...

A good paper is **not** a boring paper

It **attracts** many people (editor, reviewer, engineer, businessman, other researcher, etc.) to read and talk about it

Some people may ~~criticize and compliment~~ cite it and that's even better

PoV of Readers

- Title → 100%
- Abstract (effectively 4 sentences) → 10%
- Introduction (including background, problem, & contribution) → 10%
- Related works → 10%
- System models → 1%
- The detail parts (experiment & analysis) → 0.3%
- Conclusion and further work → 10%

Some quick tips

- The title should be clear, straightforward, and **interesting**
- Write the issues by **citing** several other previous work
- You should **explicitly** mention your contribution in the introduction
- **Some editors/reviewers** expect to describe the state of the art in the related work section
- Use table, graphic, and figures to interactively tell your results / explanations.

Some quick tips

TABLE 1. Comparison of Environment, Approach, and Underlying Cryptographic Function.

Schemes	E1	E2	E3	E4	E5	E6	E7	E8	E9
Our	✓	✓	×	✓	✓	✓	✓	✓	×
[13]	✓	✓	✓	✓	×	×	×	✓	✓
[14]	✓	✓	✓	✓	×	×	×	✓	×
[15]	✓	✓	✓	✓	×	×	×	✓	×
[16]	✓	✓	×	✓	×	×	×	✓	✓

E1: Vehicle to infrastructure (RSU) network; E2: Authentication between Vehicle and RSU; E3: Enabling RSU as an internet gateway for vehicle; E4: Utilizing Trusted Authority (TA); E5: Enabling fog computing service (FCS); E6: Service Reservation; E7: Limited Access FCS; E8: One-way hash function; E9: Elliptic curve cryptography; ✓: Satisfied; ×: Not satisfied.

TABLE 5. Comparison of Protocol Properties, Attack Resistance, and Validation.

Properties	Our	[13]	[16]	[15]	[14]
<i>M1</i>	○	⊗	⊗	⊗	⊗
<i>M2</i>	○	○	⊗	⊗	⊗
<i>A1</i>	✓	✓	✓	✓	✓
<i>A2</i>	✓	✓	✓	✓	✓
<i>A3</i>	✓	✓	N/A	N/A	✓
<i>A4</i>	✓	✓	N/A	✓	✓
<i>A5</i>	✓	✓	✓	✓	✓
<i>A6</i>	✓	✓	✓	✓	✓
<i>A7</i>	✓	✓	×	×	✓
<i>A8</i>	✓	✓	×	×	✓
<i>A9</i>	✓	×	N/A	N/A	×
<i>A10</i>	✓	✓	×	×	×
<i>F1</i>	✓	✓	⊗	⊗	✓
<i>F2</i>	✓	✓	⊗	⊗	⊗
<i>S1</i>	✓	✓	⊗	⊗	⊗

M1:Online Login; *M2*:Dynamic credential creation; *A1*:Identity and password guessing attack; *A2*:Impersonation attack; *A3*:Stolen-OBU attack; *A4*:stolen-verifier attack; *A5*:Inability to trace; *A6*:Anonymity; *A7*:Replay attack; *A8*:Combination of stolen verifier, stolen OBU, and impersonation attack; *A9*:Cold boot attack of vehicle's OBU; *A10*: Ephemeral Secret Leakage (CK adversary model); *F1*:Formal security analysis using RoR model; *F2*:Formal security analysis using BAN Logic; *S1*:Software-based protocol validation; ✓:Resistant against attack; ×:Not resistant against attack; ○: used in mentioned paper; ⊗: Not used in mentioned paper; N/A: Not applicable

How to read paper

- Get ideas (title, abstract, introduction, and conclusion)?
- What about the results / discussions?
- Can we improve or criticize?

How to search references

- Navigate to publisher sites (IEEEExplore, ACM, Sciencedirect, Springer, MDPI, etc.)
- Use right keywords and filter options
- Scan the titles, if needed read the abstract

How to search references

The screenshot displays the IEEE Xplore search interface. At the top, there are navigation links for IEEE.org, IEEE Xplore, IEEE-SA, IEEE Spectrum, and More Sites. A user is logged in as 'Welcome Favian Dewanta' with a 'Sign Out' option. The search bar contains the text 'All' and a search icon. Below the search bar, there is a filter section for 'Showing 1-25 of 4,268 for fog computing x'. This section includes several filter options with checkboxes: Conferences (2,822), Journals (946), Magazines (244), Early Access Articles (143), Books (109), and Standards (4). Below the filters, there is a section titled 'Publications You May Be Interested In: (Beta)' with a 'Hide Related Publications' link. This section features four blue tiles representing related publications: 'Fog Computing (ICFC)' (Conference), 'Proceedings of the Workshop on Fog Computing and the IoT' (Conference), 'Proceedings of the 1st ACM International Workshop on Smart Cities and Fog' (Conference), and 'Fog Computing: Theory and Practice' (Book).

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Showing 1-25 of 4,268 for **fog computing** x

Conferences (2,822) Journals (946) Magazines (244) Early Access Articles (143)

Books (109) Standards (4)

Publications You May Be Interested In: (Beta) Hide Related Publications ^

Fog Computing (ICFC) *Conference*

Proceedings of the Workshop on Fog Computing and the IoT *Conference*

Proceedings of the 1st ACM International Workshop on Smart Cities and Fog *Conference*

Fog Computing: Theory and Practice *Book*

How to search references

Show

All Results

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Year

Single Year | Range

1939 | 2021

From | To

1939 | 2021

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Publication Title

Publisher

Supplemental Items

Select All on Page

Sort By: **Relevance**

- Fog Computing with P2P: Enhancing Fog Computing Bandwidth for IoT Scenarios** 
Ahmad Rabay'a;Eduard Schleicher;Kalman Graffi
2019 International Conference on Internet of Things (iThings) and IEEE Green Computing and Communications (GreenCom) and IEEE Cyber, Physical and Social Computing (CPSCom) and IEEE Smart Data (SmartData)
Year: 2019 | Conference Paper | Publisher: IEEE
Cited by: Papers (2)
[▶ Abstract](#) [\(html\)](#)  (369 Kb) 
- A data protection model for fog computing** 
Thanh Dat Dang;Doan Hoang
2017 Second International Conference on Fog and Mobile Edge Computing (FMEC)
Year: 2017 | Conference Paper | Publisher: IEEE
Cited by: Papers (18)
[▶ Abstract](#) [\(html\)](#)  (1437 Kb) 
- A Multi-tier Cost Model for Effective User Scheduling in Fog Computing Networks** 
Zening Liu;Yang Yang;Yu Chen;Kai Li;Ziqin Li;Xiliang Luo
IEEE INFOCOM 2019 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS)
Year: 2019 | Conference Paper | Publisher: IEEE
Cited by: Papers (1)
[▶ Abstract](#) [\(html\)](#)  (411 Kb) 
- From Cloud Computing to Fog Computing: Unleash the Power of Edge and End Devices** 



Passing peer-review process



Reviewers expect ...

- Less typos.
- Good grammar.
- Clear images, flowcharts, graphs.
- Straightforward sentences / claims.
- Solid argument / logic
- Chronological stories
- Explainable Results
- etc.

Editors seek for ...

- Acceptance from all reviewers
- Hot discussion topics (most concerned issues)
- Unusual / interesting finding or results
- Papers from famous (reputable) authors/researchers/etc.
- etc.

Peer review checklist

- Scope: Is the article appropriate for this publication?
- Novelty: Is this original material distinct from previous publications?
- Validity: Is the study well designed and executed?
- Data: Are the data reported, analyzed, and interpreted correctly?
- Clarity: Are the ideas expressed clearly, concisely, and logically?
- Compliance: Are all ethical and journal requirements met?
- Advancement: Is this a significant contribution to the field?

Sources:

<https://journals.ieeeauthorcenter.ieee.org/submit-your-article-for-peer-review/about-the-peer-review-process/>

Sample of Peer Review Questions

- Teknika
- IEEE journal

What if eventually we are rejected ...



A rejection is nothing more than a
necessary step to pursuit of success

Bo Bennett, PhD

More Resources

[1] Simon Peyton, “How to write a great research paper”, online:

<https://www.microsoft.com/en-us/research/academic-program/write-great-researchpaper/>

[2] <https://web.stanford.edu/class/ee384m/Handouts/HowtoReadPaper.pdf>

[3] http://www.cse.ust.hk/~zflai/advice_collection.html

[4] http://www.jdl.ac.cn/how_to_research/doc/HOW%20TO%20READ%20A%20RESEARCH%20PAPER.doc

[5] <https://journals.ieeeauthorcenter.ieee.org/submit-your-article-for-peer-review/about-the-peer-review-process/>

It's QnA Time