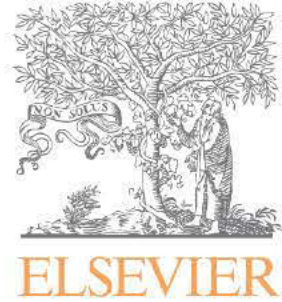




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# HOW TO WRITE A WORLD CLASS PAPER

*Roel Prins*

- Why, what, where to publish?
- Writing a manuscript
- Dealing with the journal



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# HOW TO WRITE A WORLD CLASS PAPER

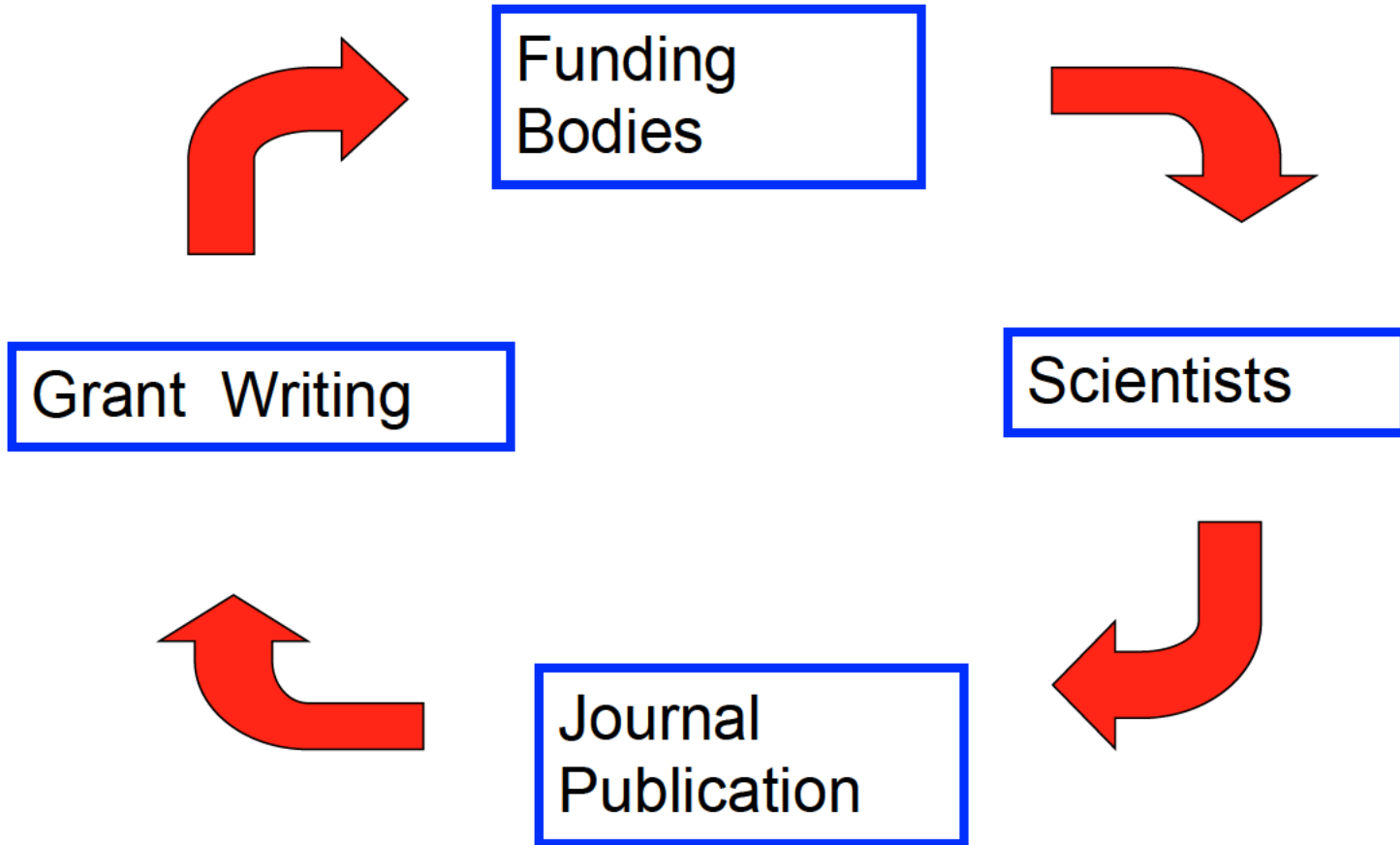
**Why, what, where ?**

*Roel Prins*

## **Why** publish ?

- Scientists publish to **share** with the **research community** findings that **advance knowledge and understanding**
- New, original results or methods
- Expansion of published results
- Review of the field

# Publish or perish



# Focus on quality

Original

Significant advances

Appropriate methods

Clear conclusions

Meet ethical standards

Readable

# Focus on quality

Society has the “duty” to archive new results

but

What about results that hardly show progress?

# Focus on quality

***“Just because it has not been done before is no justification for doing it now.”***

Peter Attiwill, Editor-in-Chief *Forest Ecology and Management*

***“What do I learn from it?”***

Roel Prins, Editor *Journal of Catalysis*



# Can I publish this?

- Have you done something new and interesting?
- Have you provided solutions to any difficult problems?
- Have you checked the latest results in the field?
- Have you verified the findings?
- Did you perform the appropriate controls?
- Do your results fit or is the story incomplete?

**If the answers are “yes”, then prepare a manuscript**



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# Writing a quality manuscript

## *Preparation*

# **What** type of manuscript?

Full article

Short Communication

Review

# Where publish ?

## Consider:

- Aims and scope (check journal websites and recent articles)
- Types of articles (fundamental or applied)
- Your references

# Catalysis journals

## **Angewandte Chemie**

Journal of the American Chemical Society

## **Catalysis Reviews**

## **Chemical Communications**

Journal of Catalysis

Applied Catalysis B

Journal Physical Chemistry C

Applied Catalysis A

Microporous Mesoporous Materials

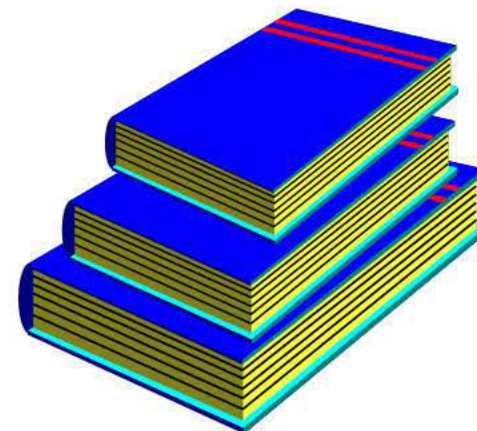
## **Catalysis Today**

Journal of Molecular Catalysis A

## **Catalysis Communications**

## **Topics in Catalysis**

Catalysis Letters



<b>Journal</b>	<b>impact</b>
	<b>2010</b>
<b>Angewandte Chemie</b>	12.7
Journal of the American Chemical Society	9.0
<b>Catalysis Reviews</b>	7.0
<b>Chemical Communications</b>	5.8
Journal of Catalysis	5.4
Applied Catalysis B	4.7
Journal Physical Chemistry C	4.5
Applied Catalysis A	3.4
Microporous Mesoporous Materials	3.2
<b>Catalysis Today</b>	3.0
Journal of Molecular Catalysis A	2.9
<b>Catalysis Communications</b>	2.8
<b>Topics in Catalysis</b>	2.4
Catalysis Letters	1.9

# But there is a price to pay!

<b>Journal (%)</b>	<b>Impact</b>	<b>Rejection</b>
Angewandte Chemie	12.7	85
J. American Chemical Society	9.0	85
Chem. Commun.	5.8	75
Journal of Catalysis	5.4	64



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**Publish because, this, there**

*Roel Prins*





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\*also available on <https://ees.elsevier.com/jcat/>

