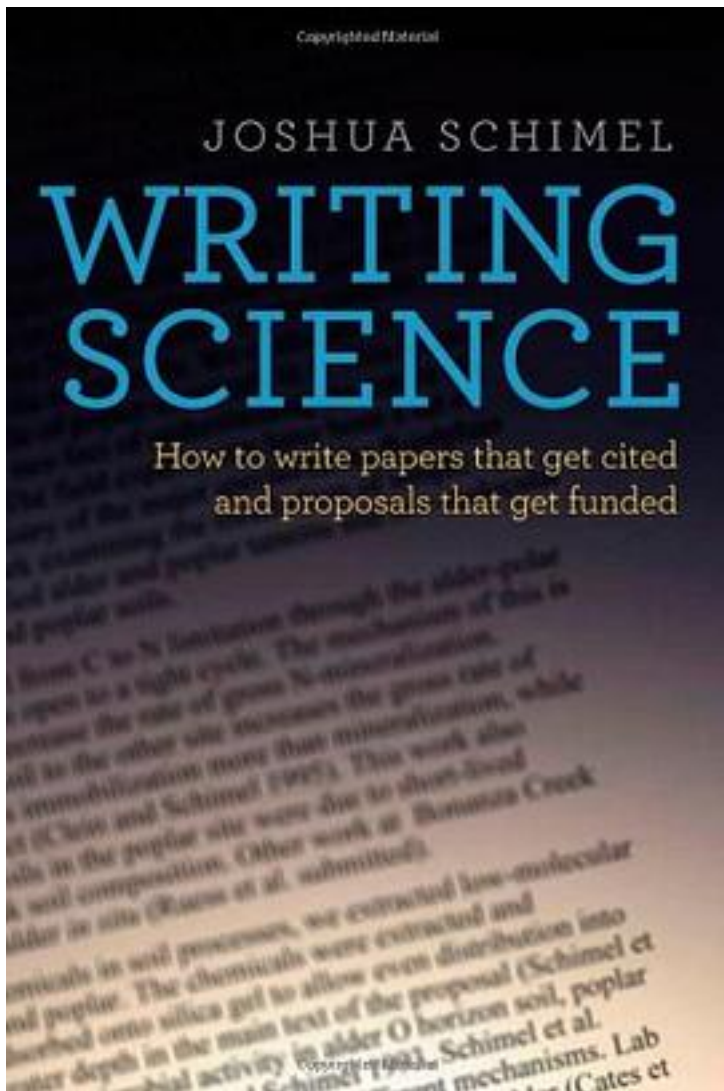


Writing Science



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著者:Joshua Schimel

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As a scientist, you are a professional writer: your career is built on successful proposals and papers. Success isn't defined by getting papers into print, but by getting them into the reader's consciousness. Writing Science is built upon the idea that successful science writing tells a story. It uses that insight to discuss how to write more effectively. Integrating lessons from other genres of writing with those from the author's years of experience as author, reviewer, and editor, the book shows scientists and students how to present their research in a way that is clear and that will maximize reader comprehension. The book takes an integrated approach, using the principles of story structure to discuss every aspect of successful science writing, from the overall structure of a paper or proposal to individual sections, paragraphs, sentences, and words. It begins by building core arguments, analyzing why some stories are engaging and memorable while others are quickly forgotten, and proceeds to the elements of story structure, showing how the structures scientists and researchers use in papers and proposals fit into classical models. The book targets the internal structure of a paper, explaining how to write clear and professional sections, paragraphs, and sentences in a way that is clear and compelling. The ideas within a paper should flow seamlessly, drawing readers along. The final section of the book deals with special challenges, such as how to discuss research limitations and how to write for the public. Writing Science is a much-needed guide to succeeding in modern science. Its insights and strategies will equip science students, scientists, and professionals across a wide range of scientific and technical fields with the tools needed to communicate effectively.

作者介绍:

I grew up in New York City, loving the outdoors but thinking I wanted to be a chemist. I only discovered soil science after I graduated from College and was working as a technician in an ecosystem ecology lab. I'd never liked biology but I'd never realized that it could let you do chemistry with a view out the window that wasn't looking over the East River to Brooklyn, but over Toolik Lake and the arctic cottongrass south to the Brooks Range, and the world. It's even more fun when the snow's flying and the mosquitoes are not.

I became a Professor, first at the University of Alaska Fairbanks, and now at UC Santa Barbara, as well as journal editor, Program Chair, and other jobs that need doing to keep science and Academe running. But the real fun in being a scientist will always be the rush of a new data set. There is nothing like the "Huh!?" of a "What an Idiot" moment, when something that had been puzzling suddenly becomes clear, leaving me wondering how I'd been such an idiot not to have seen it before.

Somewhere along the line I became interested in communication and how we tell the story to explain our results; marrying an aspiring writer didn't hurt either. I put together my first workshop on writing science when I was spending the summer in a lab in Montpellier, France; that morphed into a full-blown graduate class back in Santa Barbara. I started writing up notes from class and thought I might flesh them out in a few columns for the Bulletin of the Ecological Society of America. Everything was going smoothly until the "What an Idiot" moment: I wasn't writing a few essays--I was writing a book. Huh.

目录:

标签

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评论

这本书的着重点在于如何通过讲故事的方法写好论文，而不拘泥于遣词造句，跟传统的IMRAD的论文结构不同，作者重新使用opening、challenge、action和resolution来定义论文结构，读完之后对科研和论文写作有了重新的认识，也破除了很多常识性的错误。但是书中选取的例子专业术语过多，相对来说，对读者自己概括的能力有所要求。make the readers job easy! 问题导向! knowledge & information! get cited!

刚在豆瓣上把这本书的条目创建出来。这是一本非常好的关于写科学论文的书。不是讲入门，而是讲如何写好，注重“Story Telling”的能力。我有一个写作能力在美国人里也算很强的导师，他教我很多东西。所以看这部书的时候并没有太多让我出乎意料的新的东西。但这本书仍然让我觉得有很大收获。“你是科学家，你便是职业作家”，这本书开头这么说。

环境系美国学者写的，非常好，买了一本珍藏，越薄的书，读的越久，随身必备书。

十星推荐！A must read for all first-year PhDs！

如果有6星的话我会给6星的。每一篇文章都是讲故事的想法很好。具体的如何写文章的细节也让人很有收获。"You might survive by publishing a lot of papers, but you will succeed only by good ones"

书是好书，但是真的太难了...一般国内读硕士的人就别读了...真心学不来

非常棒的科研论文写作教程，作者将自己的理论也几乎完美地应用到了本书的书写中。清晰的表达，典型的举例，简明的结构使得本书平易近人，宛如在课堂上教授内容，活灵活现。作者的核心观点就是要写出好的科研故事，赢取更多的引用率以及提高申请基金的成功率，这就务使科研工作者需要相机行事，万不能扎进自己的世界到头来却又辜负自己的辛勤付出。一言以蔽之，写作，尤其在当下，都是需要抓取读者注意力从而提高自身的知名度。作者教给读者的其实是表达和叙述的规范，如此才能尽量减少他人的麻烦，转而使得自己获得青睐。无论采取何种结构布局，进行何种段落缀联，都是为了文章的可阅读性更强，让工作成果被更多人正确无误的知晓。顺带一提，该书每一章的练习都相当适合用在修改论文的时候提醒自己。

这本书终于让我明白了“讲一个故事”是什么意思。一直听别人说，但从来没人解释一下为什么把写论文当成“讲故事”。这本书讲的很透彻。从观念上也有很大的帮助，比如"But "publish or perish" is about surviving, not succeeding. You don't succeed as a scientist by getting papers published. You succeed as a scientist by getting them cited."。不过书里的例子对于我来说太不友好了，感觉像在读GRE.....

确实很棒，谢谢 @darktemplarcc

適合球圈（geosciences）寫作

the only practical writing advice is from another writing book though: just write. But still, OCAR is like, imprinted in my mind.

story telling verb communication, 挺好的, 比较专业, 策略性指导

将所有之前了解到的、被告知的写作规则，架构于在一个基本原则之上，一知半解的规则得以理解，规则之间矛盾的地方继而也得到解决。语言异常清晰，同样遵循书里的规则，虽然例子不太好读。但例子涉及到常见的错误，以及一步步修改。最重要的是，as a scientist, you are a professional writer.

The most junior, inexperienced, and unproven Ph.d, in a world of Ph.ds....

厉害厉害，不仅写出了写作的理论，全书行文还应用了自己的理论，而且效果不错。

Demonstration of what constitutes good science writing in itself. Utterly fantastic.

story telling verb communication看之前，期望很高；
看完之后，感觉更多的是把以前关于写作结构的东西整理了一遍。

would like to meet Joshua one day

进阶版，万恶的英语课程考试啊。

和SCI斗智斗勇的利器

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书评

两个月前投完paper，觉得自己写作烂到不行，就想看几本书救一救。这是读的第二本书。第一本读的是Science Research Writing : A Guide for Non-Native Speakers of English (SRW)。
先来对比一下这两本书。SRW是一本中国式的应试教育书，太像以前考四六级的参考书了。书里给...

Section 1: writing science Use writing as a tool in science. Section 2: science writing as storytelling Finding the story: If you believe that writing a paper is about presenting results, then it would be seem reasonable to outline everything you did then sa...

关于科技英文写作的书籍，推荐这一本就够了。读起来确实感觉书写的用心，思路对胃口。
好像作者只写了这一本书，初步判断，未经详细查证，加上作者本身科研出身，半路出家去写书，应该是著书者的典范。关于书中提到的flow，包括internal structure，今天做了个小调查。把专...

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