



Writing Style

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Pro Tips for writing an article: Overview

- Clearly define your goal statement
- Decide where you want to publish your work
- Let the journal define the outline for your article
- Prepare the tools that highlight how you achieved the goal
 - Tables
 - Figures
- Assemble those pieces and write!



Pro Tips for writing an article: Clearly Define Your Goal

- A goal should encapsulate the who/what/where/when/how of your project
- If you had more than one goal, write more than one paper

Two recent goal statements from the journal:

Collaborative Study and Preservation of Coastal Alaskan Native Watercraft and Material Culture

T. Rose Holdcraft, Sven Haakanson Jr., Ellen Promise, Judy Jungels,
Fran Ritchie & Patricia Capone
JAIC, Published online 06 Apr 2020

Abstract: ...**study and preserve endangered Alaska Native material culture and traditional knowledge by focusing on skin-based kayaks and associated objects.**

Minimally Invasive Sampling of Surface Coatings for Protein Identification by Peptide Mass Fingerprinting: A Case Study with Photographs

Daniel P. Kirby, Annette Manick & Richard Newman
JAIC, Published online: 10 Oct 2019

Abstract: ...**investigates the efficacy of a sampling technique to acquire sufficient sample for peptide mass fingerprinting analysis (PMF) with minimal alteration to photograph surfaces.**

How: study and preserve

Who/where: Native Alaskans

What: material culture and knowledge about skin-based kayaks and associated objects

What: Efficacy of new sampling technique

Who/where: photograph surfaces

How: PMF

Pro Tips for writing an article: Where to Publish Your Work

Search: “Taylor and Francis JAIC conservation” to find the JAIC homepage

Every journal will tell you the types of articles they are looking for

Every journal will tell you how they would like you to structure your article

The screenshot shows the Taylor & Francis JAIC website. A red oval highlights the URL in the browser's address bar: <https://www.tandfonline.com/action/authorSubmission?show=ir>. A red arrow points from the text box 'Search: “Taylor and Francis JAIC conservation” to find the JAIC homepage' to this URL. Below the address bar, a navigation bar contains buttons: 'Submit an article' (green), 'Journal homepage' (dark blue), 'New content alerts' (dark blue), 'RSS' (dark blue), 'Subscribe' (green), and 'Citation search' (dark blue). Below this is a section for 'Current issue' and 'Browse list of issues'. The main content area is titled 'This journal' and contains a list of links: 'Aims and scope', 'Instructions for authors', 'Journal information', and 'Editorial board'. A blue oval highlights 'Aims and scope' with a blue arrow pointing from the text 'Every journal will tell you the types of articles they are looking for'. A green oval highlights 'Instructions for authors' with a green arrow pointing from the text 'Every journal will tell you how they would like you to structure your article'. The main heading is 'Instructions for authors'. Below it is a section titled 'COVID-19 impact on peer review' with a paragraph of text. At the bottom, another paragraph of text is visible.

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This journal

- [Aims and scope](#)
- [Instructions for authors](#)
- [Journal information](#)
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Instructions for authors

COVID-19 impact on peer review

As a result of the significant disruption that is being caused by the COVID-19 pandemic we understand that many authors and peer reviewers will be making adjustments to their professional and personal lives. As a result they may have difficulty in meeting the timelines associated with our peer review process. Please let the journal editorial office know if you need additional time. Our systems will continue to remind you of the original timelines but we intend to be flexible.

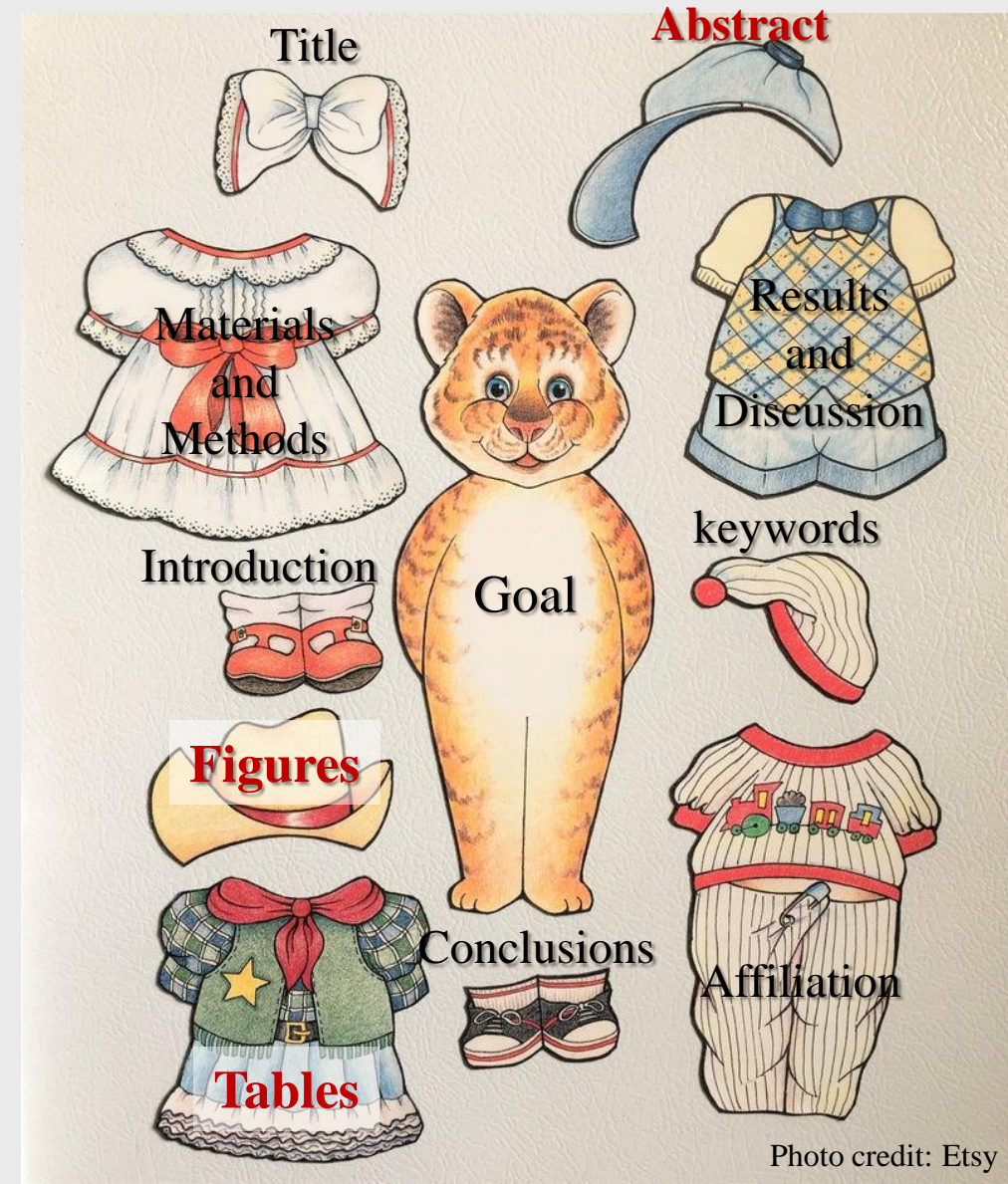
Thank you for choosing to submit your paper to us. These instructions will ensure we have everything required so your paper can move through peer review, production and publication smoothly. Please take the time to read and follow them as closely as possible, as doing so will ensure your paper matches the journal's

Pro Tips for writing an article: Creating an Outline For Your Article

Imagine your article as individual components you assemble together

“...all [JAIC] manuscripts must contain the essential elements needed to evaluate a manuscript:”

- Title
- Author affiliation
- **Abstract**
- Keywords (5 – 10)
- Introduction
- Materials and methods
- Results/Discussion
- *Conclusions*
- Acknowledgments (includes funding information)
- References
- **Tables**
- **Figures**



Pro Tips for Writing an Article: The Abstract

Your abstract is like a book jacket blurb: entice the reader!

Include:

- 200 words or less (for JAIC)
- Your **goal**
- **Processes used to achieve the goal**
- **Highlight any unique findings**

DON'T include:

- Background info – goes into the introduction
- Opinions – results/discussion/conclusion
- References – body of the manuscript

Abstract: (197 words!)

The sensitivity of **oxidized cellulose** to damaging beta-elimination reactions was studied to **define safe pH conditions and treatment times beyond which damage from alkaline treatment may occur**; whether damage caused by alkaline treatment was affected by the type or amount of oxidation was also investigated. **Cotton paper was oxidized using UV-A radiation, a hydrogen peroxide solution, or a sodium metaperiodate solution.** Following oxidation, **samples were soaked at room temperature in carbon-dioxide-free calcium hydroxide baths, at pH 8.5, 10.0, or 12.5, for 20 or 60 minutes. Changes to the molecular weight of the cellulose as a function of the amount of oxidation, treatment bath pH, and treatment time, were monitored** to understand which conditions cause degradation to occur. The UV-A and hydrogen peroxide oxidized samples, simulating naturally oxidized papers, **showed minimal sensitivity to beta-elimination reactions in baths up to pH 10.0; slight degradation was observed during treatment at pH 12.5.** By contrast, **sodium metaperiodate oxidized samples**, which did not mimic naturally oxidized papers, **were markedly degraded in pH 10.0 and 12.5 baths, with more degradation occurring at higher pH.** For the oxidized papers found to be sensitive to beta-elimination reactions, **longer treatment times led to more degradation.**

Pro Tips for Writing an Article: Tables and Table Captions

A picture speaks a thousand words: a table is another type of picture!

From JAIC:

- Tables should present new information rather than duplicating what is in the text
- Readers should be able to interpret the table without reference to the text

Caption: defines the contents of the table

- What was are we summarizing?
- What were the conditions?
- What do acronyms mean?

Table shows you: more artificial-aging led to a decrease in both molecular weight and strength

Table 1. Measured Weight-Average Molecular Weight (M_w), Degree of Polymerization (DP), Polydispersity (PD), and Dry and Wet Tensile Strengths of Whatman 42 Paper during Aging at 90 °C and 50% RH

hours aged	M_w (g/mol)	DP	PD	sheet strength (N/m)			
				dry	error	wet	error
0	170000	1050	3.3	3410	70	460	10
144	130000	780	3.2	3180	60	470	30
840	74000	460	3.0	2650	130	380	20
1608	61000	380	3.1	1820	50	230	30
2424	56000	350	3.1	1520	60	180	10
3192	51000	310	3.2	1350	70	120	10
4296	50000	310	3.0	1190	30	93	11
6360	48000	290	3.1	1100	100	65	6
7320	47000	290	3.1	1090	60	63	7
11688	47000	290	3.2	890	40	53	4

Pro Tips for Writing an Article: Figures

Great for articles: before and after treatment photos







































Gerasa mosaic treatments at Yale University: an examination of materials used in structural backing systems E. Torok, C. Stephens, R. Hodgson, C. Snow; In *The conservation and presentation of mosaics: at what cost?: proceedings of the 12th ICCM conference, Sardinia, October 27 – 31, 2014*. Eds. J. M. Teutonico, L. Friedman, A. B. Abed, and R. Nardi. Los Angeles: Getty Conservation Institute, 285-294.

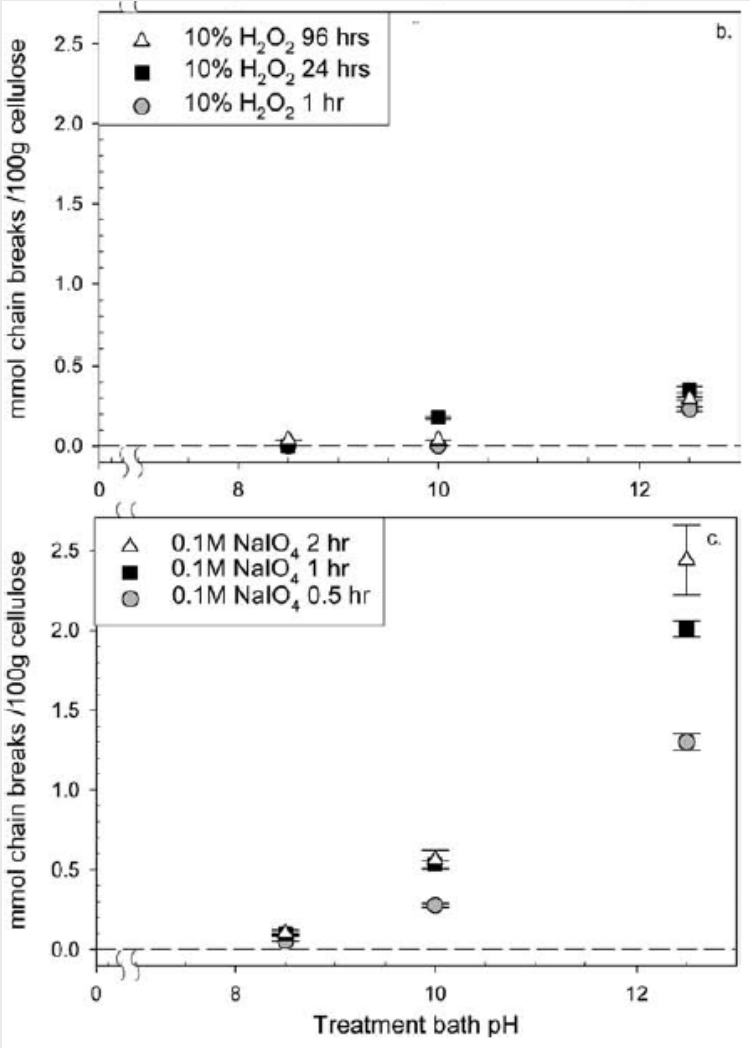
Pro Tips for Writing an Article: Figures

Great for articles: Research Results

Photos

Dye	Sn - Lake	NH ₄ OH	Al - Lake	Fe - Lake	Cu - Lake	U - Lake
Weld						
Quercitron						
Persian berries						
Old fustic						
Turmeric						
Kamala						

Plots



Helmut Schweppe *Identification of Dyes on Old Textiles* JAIC Vol. 19, No. 1 (Autumn, 1979), pp. 14-23

Stephens, Whitmore, Morris, and Smith *Assessing the risks of alkaline damage during Deacidification treatments of oxidized paper* JAIC 48 (2009):235-249

Pro Tips for Writing an Article: Figures

OK figures: work in progress



NOT OK: anecdotal or common place images







































Why?

- Doesn't move your story forward
- But, perfectly fine for presentations!

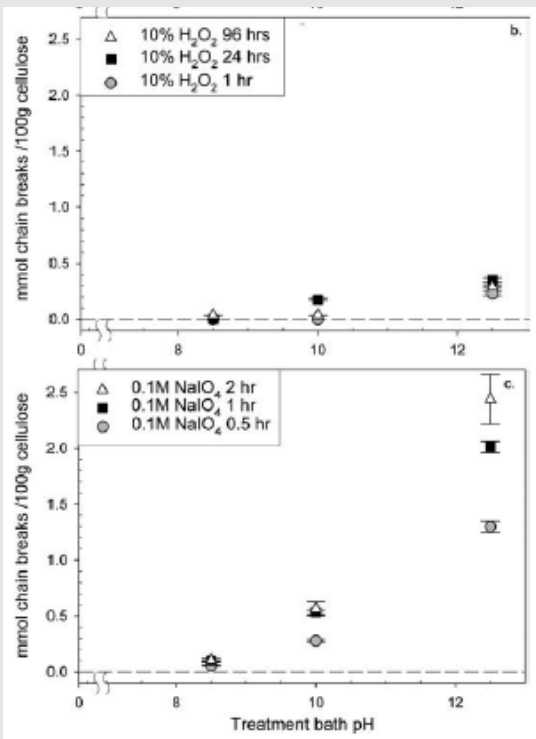
Pro Tips for Writing an Article: Figure Captions

Captions should define the contents of the image

Dye	Sn - Lake	NH ₄ OH	Al - Lake	Fe - Lake	Cu - Lake	U - Lake
Weld						
Quercitron						
Persian berries						
Old fustic						
Turmeric						
Kamala						

Original: Lakes of yellow natural dyes.

Possible improvement: Effect of mordant and natural yellow dye on color appearance when applied to wool.



Original: Chain breaks as a function of 60 min calcium hydroxide treatment baths; paper oxidized by...(b) 10% hydrogen peroxide, (c) 0.1M sodium metaperiodate.

Improved: Chain breaks in **Whatman 42 paper** as a function of 60 min calcium hydroxide treatment baths; paper oxidized by...(b) 10% hydrogen peroxide, (c) 0.1M sodium metaperiodate.

Pro Tips for Writing an Article: Writing the article

Did I:

- Clearly define my goal?
- Find a journal where my project will be a good fit?
- Determine that journal's required elements?
- Prepare my poignant tables and figures?

Time to Assemble the pieces!

Article elements

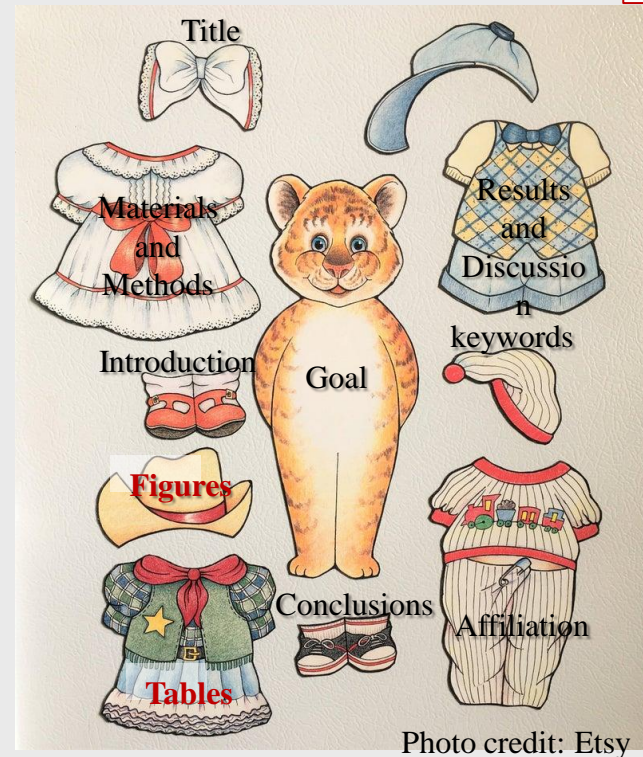


Photo credit: Etsy



Photo credit : <https://www.metmuseum.org/art/libraries-and-research-centers/thomas-j-watson-library>

Finished draft!



See you at the JAIC submission portal

