



# SHE JI: THE JOURNAL OF DESIGN, ECONOMICS, AND INNOVATION

## AUTHOR INFORMATION PACK

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### DESCRIPTION

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*She Ji* is a peer-reviewed, trans-disciplinary design journal with a focus on economics and innovation, design process and design thinking. *She Ji* is fully open access. Our mission is to enable design innovation in industry, business, non-profit services, and government through economic and social value creation. Innovation requires integrating ideas, economics, and technology to create new knowledge at the intersection of different fields. *She Ji* provides a unique forum for such inquiry.

*She Ji* addresses how societies, organizations, and individuals create, build, distribute, use, and enjoy goods and services, with added focus on strategy and management. It provides key articles in research methods and methodology, philosophy, and philosophy of science to support the core journal area. The journal also explores the way that organizations increasingly use design thinking to achieve success, and the journal examines how design thinking can inform wider social, managerial, and intellectual discourses.

*She Ji* invites papers on a wide range of topics, including the following:

- Design driven innovation within social and economic change
- Design practices in management, consulting, and public service
- Design for alternative economies and industrial transformation
- Design for smart and sustainable living
- Latest design theories, methods, and methodologies
- Design for social innovation, organizational change, and education
- Design, computation, and algorithms
- Cultural aspects of design and innovation
- Philosophy of design
- Philosophy of science for design research

In particular, *She Ji* encourages three new dimensions in the literature of design and innovation: (1) serious economic inquiry and management inquiry; (2) rigorous research in design using the methods of the natural sciences, social sciences, and economics; (3) methodological contributions that deploy innovative research methods and processes.

*She Ji* publishes seven types of articles:

- Original research articles. *She Ji* welcomes conceptual, theoretical, and empirical articles. All research articles are subject to double-blind, refereed peer review. Following peer review, *She Ji* works with authors on a final round of copy editing to ensure highly readable articles that will reach

and influence a wide audience of scholars, researchers, and professional designers, teachers and students, as well as leaders in business, industry, and government.

- Review articles. *She Ji* encourages literature review and research review. Review articles use double-blind, refereed peer review followed by copy editing.
- Case studies. *She Ji* publishes two kinds of case study articles. The journal welcomes original research articles involving rigorous case studies and reflection. Research case studies use double-blind, refereed peer review followed by copy editing. The journal also welcomes shorter reports in the short communications category.
- Short communications. *She Ji* welcomes short reports or and research announcements that describe work in progress and preliminary research results. Short communications are not subject to peer review.
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## GUIDE FOR AUTHORS

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*She Ji* publishes seven types of articles: **Original research articles.** *She Ji* welcomes conceptual, theoretical, and empirical articles. All research articles are subject to double-blind peer review. **Review articles.** *She Ji* encourages literature review and research review articles. Review articles use double-blind peer review. **Case studies.** *She Ji* publishes two kinds of case study articles. The journal welcomes original research articles involving rigorous case studies and reflection. Research case studies use double-blind peer review. **Short communications.** *She Ji* welcomes short reports or research announcements that describe work in progress with preliminary research results. Short communications are not subject to peer review. **Book reviews.** Books reviews focus on analysis and discussion of individual books as well as extended book reviews covering several books. *She Ji* also publishes short book notes. Book reviews are not subject to peer review. **Discussion articles.** Discussion articles include interviews, opinion leader commentary, and dialogues. Discussion articles are not subject to peer review. **Letters.** *She Ji* encourages written responses to articles and original comments on issues relevant to the journal. Letters to the editor are limited to 1,500 words. All letters commenting on articles will be sent to the author of the original article for response. Selected letters will be published in *She Ji*. Letters are not subject to peer review.

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The following examples illustrate citations using footnotes and the reference list system. For each citation, we provide both the footnote format (**F**) and the reference format (**R**) are provided. **Please note the difference between the two.** For more details and many more examples, see chapter 14 of *The Chicago Manual of Style, 16th Edition*.

- Book: Authored book

**F:**

1. Herbert A. Simon, *The Sciences of the Artificial*, 3rd ed. (Cambridge, Mass.: MIT Press, 1996), 99-100.
2. William McDonough and Michael Braungart, *Cradle to Cradle: Remaking the Way We Make Things* (New York: North Point Press, 2002), 24.

**R:**

Simon, Herbert A. *The Sciences of the Artificial*. 3rd ed. Cambridge, Mass.: MIT Press, 1996.

McDonough, William, and Michael Braungart. *Cradle to Cradle: Remaking the Way We Make Things*. New York: North Point Press, 2002.

- Book: Edited book

**F:**

1. Richard Buchanan and Victor Margolin, eds., *Discovering Design: Explorations in Design Studies* (Chicago: Chicago University Press, 1995), 23.
2. Gerald Bast, Elias G. Carayannis, and David F.J. Campbell, eds., *Arts, Research, Innovation and Society* (Cham: Springer, 2015), 211.

**R:**

Buchanan, Richard, and Victor Margolin, eds. *Discovering Design: Explorations in Design Studies*. Chicago: Chicago University Press, 1995.

Bast, Gerald, Elias G. Carayannis, and David F.J. Campbell, eds. *Arts, Research, Innovation and Society*. Cham: Springer, 2015.

- Book: English translation

**F:**

1. Maurice Merleau-Ponty, *Phenomenology of Perception*, trans. Colin Smith (London: Routledge & Kegan Paul, 1962), 42.

**R:**

Merleau-Ponty, Maurice. *Phenomenology of Perception*. Translated by Colin Smith. London: Routledge & Kegan Paul, 1962.

- Book: Electronic book

**F:**

1. Joyce Yee, Emma Jefferies, and Lauren Tan, *Design Transitions* (Amsterdam, BIS Publishers, 2013), Kindle Edition.

**R:**

Yee, Joyce, Emma Jefferies, and Lauren Tan. *Design Transitions*. Amsterdam, BIS Publishers, 2013. Kindle Edition.

- Chapter or article in an edited book

**F:**

1. Yongqi Lou, "She Ji: Change for Sustainable Futures," in *The Hand Book of Design for Sustainability*, ed. Stuart Walker and Jacques Giard (London: Bloomsbury Academic, 2013), 347.

**R:**

Lou, Yongqi. "She Ji: Change for Sustainable Futures." In *The Hand Book of Design for Sustainability*, edited by Stuart Walker and Jacques Giard, 346-62. London: Bloomsbury Academic, 2013.

- Journal article: One author

**F:**

1. Richard Buchanan, "Wicked Problems in Design Thinking," *Design Issues* 8, no. 2 (Spring 1992): 5.

**R:**

Buchanan, Richard. "Wicked Problems in Design Thinking." *Design Issues* 8, no. 2 (Spring 1992): 5-21.

- Journal article: Two or three authors

**F:**

1. Adrian Snodgrass and Richard Coyne, "Models, Metaphors and the Hermeneutics of Designing," *Design Issues* 9, no. 1 (1992): 56.

**R:**

Snodgrass, Adrian, and Richard Coyne. "Models, Metaphors and the Hermeneutics of Designing." *Design Issues* 9, no. 1 (1992): 56-74.

- Journal article: Four or more authors

**F:** 1. Chunlei Chai et al., "Behavioral Analysis of Analogical Reasoning in Design: Difference among Designers with Different Expertise Levels," *Design Studies* 37, no.1 (2015): 30.

**R:**

Chai, Chunlei, Fei Cen, Weiyu Ruan, Cheng Yang, and Hongting Li. "Behavioral Analysis of Analogical Reasoning in Design: Difference among Designers with Different Expertise Levels." *Design Studies* 37, no.1 (2015): 3-30.

- Article in an online journal

**F:**

1. Doris Bergen, "The Role of Pretend Play in Children's Cognitive Development," *Early Childhood Research & Practice* 4, no.1 (Spring 2000), accessed December 1, 2014, <http://ecrp.uiuc.edu/v4n1/bergen.html>.

**R:**

Bergen, Doris. "The Role of Pretend Play in Children's Cognitive Development." *Early Childhood Research & Practice* 4, no.1 (Spring 2000). Accessed December 1, 2014. <http://ecrp.uiuc.edu/v4n1/bergen.html>.

- Non-English journal article

**F:**

1. Guanzhong Liu and Lingtao Tang, "#####—`#####'##### [Paradox of Innovation—The Cultural Phenomenon of 'Industrial Economy of Manufacturing Type']," ## , no. 12 (2007): 12.

**R:**

Liu, Guanzhong, and Lingtao Tang. "#####—`#####'##### [Paradox of Innovation—The Cultural Phenomenon of 'Manufacturing Type of Industrial Economy']." ## , no. 12 (2007): 12-15.

- Article in a print proceedings

**F:**

1. Anna Meroni, "Design for Services and Place Development," in Cumulus Shanghai Conference Proceedings, Tongji University, ed. Yongqi Lou and Xiaocun Zhu (Helsinki: Aalto University Press, 2011), 236.

**R:**

Meroni, Anna. "Design for Services and Place Development." In Cumulus Shanghai Conference Proceedings, Tongji University, edited by Yongqi Lou and Xiaocun Zhu, 234-241. Helsinki: Aalto University Press, 2011.

- Article in an electronic proceedings

**F:**

1. Daniel Fallman, Linda Bogren, and Catharina Henje, "Attract, Inform, and Interact: Working with Product Semantics in an Inclusive Design Project," in Proceedings of the IASDR 2009 Congress [CD ROM] (Seoul: Korean Society of Design Science), also available at <http://www.iasdr2009.org/navigation/byappearance.html>.

**R:**

Fallman, Daniel, Linda Bogren, and Catharina Henje. "Attract, Inform, and Interact: Working with Product Semantics in an Inclusive Design Project." In Proceedings of the IASDR 2009 Congress [CD ROM]. Seoul: Korean Society of Design Science, 2009. Also available at <http://www.iasdr2009.org/navigation/byappearance.html>.

- Article in print magazine or newspaper

**F:** 1. John Heskett, "Waiting for a new design," *Form* 185, September/October, 2002, 92.

2. Mike Royko, "Next Time, Dan, Take Aim at Arnold," *Chicago Tribune*, September 23, 1992.

**R:**

Heskett, John. "Waiting for a new design." *Form* 185, September/October, 2002, 92-98.

Mike Royko. "Next Time, Dan, Take Aim at Arnold." *Chicago Tribune*, September 23, 1992.

- Article in the online magazine or newsletter

**F:**

1. Ken Friedman, "Science: What Would Leonardo Study After Year 12?" *The Melbourne Review*, September 2012, accessed December 1, 2014, <http://www.melbournereview.com.au/read/613/>.

2. Sheryl Gay Stolberg and Robert Pear, "Wary Centrists Posing Challenge in Health Care Vote," *New York Times*, February 27, 2010, accessed February 28, 2010, <http://www.nytimes.com/2010/02/28/us/politics/28health.html>.

**R:**

Friedman, Ken. "Science: What Would Leonardo Study After Year 12?" *The Melbourne Review*, September 2012. Accessed December 1, 2014. <http://www.melbournereview.com.au/read/613/>.

Stolberg, Sheryl Gay, and Robert Pear. "Wary Centrists Posing Challenge in Health Care Vote." *New York Times*, February 27, 2010. Accessed February 28, 2010. <http://www.nytimes.com/2010/02/28/us/politics/28health.html>.

- Published thesis or dissertation

**F:**

1. Kees Dorst, *Describing Design: A Comparison of Paradigms*, Delft, the Netherlands: Delft University of Technology, 1997), 123.

**R:**

Dorst, Kees. *Describing Design: A Comparison of Paradigms*. Delft, the Netherlands: Delft University of Technology, 1997.

- Unpublished or informally published materials

**F:**

1. Cory Cotter, "The Weakest Link: The Argument for On-Wrist Band Welding" (unpublished manuscript, last modified December 3, 2008), Microsoft Word file.

2. Patricia Burns, e-mail message to author, December 15, 2008.

**R:**

Only use footnote. Do not enter in reference list.

- Website

**F:**

1. "Google Privacy Policy," last modified March 11, 2009, <http://www.google.com/intl/en/privacypolicy.html>.

**R:**

Google. "Google Privacy Policy." Last modified March 11, 2009. <http://www.google.com/intl/en/privacypolicy.html>.

- Web page with known author and date

**F:**

1. Jungah Lee, "Samsung Boosts Dividend as Profit Beats Estimates on Chips," *Bloomberg.com*, last modified January 29, 2015, <http://www.bloomberg.com/news/articles/2015-01-28/samsung-boosts-dividend-as-profit-beats-estimates-on-chips>.

2. Don Norman, "Why Design Education Must Change," *Core77*, last modified November 26, 2010, [http://www.core77.com/blog/columns/why\\_design\\_education\\_must\\_change\\_17993.asp](http://www.core77.com/blog/columns/why_design_education_must_change_17993.asp).

**R:**

Lee, Jungah. "Samsung Boosts Dividend as Profit Beats Estimates on Chips." *Bloomberg.com*. Last modified January 29, 2015. <http://www.bloomberg.com/news/articles/2015-01-28/samsung-boosts-dividend-as-profit-beats-estimates-o>

Norman, Don. "Why Design Education Must Change." *Core77*. Last modified November 26, 2010, [http://www.core77.com/blog/columns/why\\_design\\_education\\_must\\_change\\_17993.asp](http://www.core77.com/blog/columns/why_design_education_must_change_17993.asp).

- Blog

**F:** 1. Amy Frearson, "Reconstruction of Nahr el-Bared Refugee Camp," *Dezeen* (blog), May 2, 2013 (7:49 p.m.), <http://www.dezeen.com/2013/05/02/reconstruction-of-nahr-el-bared-refugee-camp/>.

**R:**

Frearson, Amy. "Reconstruction of Nahr el-Bared Refugee Camp." *Dezeen* (blog), May 2, 2013 (7:49 p.m.). <http://www.dezeen.com/2013/05/02/reconstruction-of-nahr-el-bared-refugee-camp/>.

- Online multimedia

**F:**

1. "Hans Rosling's 200 Countries, 200 Years," YouTube video, 4:42, from *The Joy of Stats: Documentary Film* by BBC Four on December 7, 2010, posted by BBC, November 26, 2010, <http://www.youtube.com/watch?v=jbkSRLYSojo>.

**R:**

"Hans Rosling's 200 Countries, 200 Years." YouTube video, 4:42, from *The Joy of Stats: Documentary Film* by BBC Four on December 7, 2010. Posted by BBC, November 26, 2010. <http://www.youtube.com/watch?v=jbkSRLYSojo>.

- Film, Television, and other recorded mediums

**F:**

1. *Objectified*, directed by Gary Hustwit (2009; Brooklyn, NY: Plexifilm, 2010), DVD.

**R:**

*Objectified*. Directed by Gary Hustwit. 2009. Brooklyn, NY: Plexifilm, 2010. DVD.

- Report

**F:**

1. World Commission on Environment and Development, Report of World Commission on Environment and Development: Our Common Future, transmitted to the General Assembly as an Annex to *Document A/42/427- Development and International Co-operation: Environment* (United Nations, 1987), accessed December 3, 2014, <http://www.un-documents.net/wced-ocf.htm>.

**R:**

World Commission on Environment and Development. Report of World Commission on Environment and Development: Our Common Future, transmitted to the General Assembly as an Annex to *Document A/42/427- Development and International Co-operation: Environment*. United Nations, 1987. Accessed December 3, 2014. <http://www.un-documents.net/wced-ocf.htm>.

- Exhibition catalog

**F:**

1. *Utopia: Matters: From Brotherhoods to Bauhaus*, ed. Vivien Greene (New York: Guggenheim Museum, 2010), exhibition catalog.

**R:**

*Utopia: Matters: From Brotherhoods to Bauhaus*. Edited by Vivien Greene. New York: Guggenheim Museum, 2010. Exhibition catalog.

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