

# Example Usage of `apalike-ejor` BIBTEX Style

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## Introduction

This example document demonstrates the usage of the `apalike-ejor` style, which was developed for formatting bibliographies in accordance with the *European Journal of Operational Research* style guide (as it appeared in June 2021). The BIBTEX style file `apalike-ejor.bst` is a fork of `apalike.bst`, originally by Oren Patashnik, and mostly follows standard APA style.

In order to use `apalike-ejor`, make sure that the `apalike.ejor.bst` file is located somewhere where your compiler can find it, then compile your document with BIBTEX a couple of times followed by L<sup>A</sup>T<sub>E</sub>X a couple of times. At minimum the following should be included in your main `.tex` file:

```
\documentclass{article}
\usepackage{natbib} % required for inline citations
\usepackage{hyperref} % required if utilizing url or doi fields

\begin{document}
%%%
%%% include the main body of the document here
%%%

\bibliographystyle{apalike-ejor}
\bibliography{example-references} % replace with your .bib file

%%%
%%% include any text following the bibliography here
%%%
\end{document}
```

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\*<https://github.com/adam-rumpf>

## URL and DOI Fields

Support for `url` and `doi` fields has been added for all reference types. Both produce a hyperlinked URL within the reference, which requires the use of the `hyperref` package. For `doi` entries only the DOI name, itself, should be included, which will automatically be appended to a `https://doi.org/` link. For `url` entries the entire URL should be included. If both the `doi` and `url` fields are filled, only the `doi` link is created.

## Datasets

The *EJOR* style guide requests that dataset references include “[dataset]” at the beginning of the reference (this is only for the manuscript, and does not appear in the published article). Since datasets are usually handled as `@misc` entries, a new `dataset` field is recognized by `apalike-ejor`.

Within a `.bib` file, including any string besides “0” or “false” (case insensitive) in a `@misc` entry’s `dataset` field results in its reference beginning with the word “[dataset]”. Including “0” or “false”, or excluding the `dataset` field, results in a normal `@misc` citation. The `kaul2021` and `rumpf2019` references below provide an example of one dataset and one non-dataset `@misc` entry.

## Example References

The following entries are included in this repository’s example reference file `example-references.bib`:

```
@book{ahuja1993,
  address = {Englewood Cliffs, NJ},
  author = {Ahuja, R K and Magnanti, T L and Orlin, J B},
  chapter = {16},
  edition = {1st},
  publisher = {Prentice Hall},
  title = {{Network Flows: Theory, Algorithms, and Applications}},
  year = {1993}
}

@article{kinney2005,
  author = {Kinney, R and Crucitti, P and Albert, R and Latora, V},
  doi = {10.1140/epjb/e2005-00237-9},
  journal = {European Physical Journal B},
  pages = {101--106},
  title = {{Modeling cascading failures in the North American power
    grid}},
  volume = {46},
  year = {2005}
}
```

```

@inproceedings{cavdaroglu2010,
author = {Cavdaroglu, B and Nurre, S G and Mitchell, J E and
          Sharkey, T C and Wallace, W A},
booktitle = {Vulnerability, Uncertainty, and Risk: Analysis,
             Modeling, and Management},
editor = {Ayyub, B M},
pages = {171--179},
publisher = {American Society of Civil Engineers},
title = {{Decomposition Methods for Restoring Infrastructure
          Systems}},
url = {https://ascelibrary.org/doi/10.1061/41170(400)21},
year = {2010}
}

@misc{kaul2021,
author = {Kaul, Hemanshu and Rumpf, Adam},
dataset = {1},
doi = {10.17632/ptzc7jxhmn.1},
howpublished = {Mendeley Data, V1},
title = {{A linear input dependence model for interdependent
          networks}},
url = {https://data.mendeley.com/datasets/ptzc7jxhmn/1},
year = {2021}
}

@misc{rumpf2019,
author = {Rumpf, Adam},
note = {Accessed May 8, 2020},
title = {{MCNFLI Computational Trials}},
url = {https://github.com/adam-rumpf/mcnfli-trials},
year = {2019}
}

@phdthesis{schmocker2006,
address = {London, England},
author = {Schm\ocker, J-D},
school = {Imperial College London},
title = {{Dynamic Capacity Constrained Traffic Assignment}},
year = {2006}
}

```

Their inline references are typeset as follows:

Article: Kinney et al. (2005)  
 Book: Ahuja et al. (1993)  
 Conference Proceedings: Cavdaroglu et al. (2010)  
 Dataset: Kaul & Rumpf (2021)  
 Web: Rumpf (2019)  
 Thesis: Schmöcker (2006)

Applying the `apalike-ejor` style results in the following References section:

## References

- Ahuja, R. K., Magnanti, T. L., & Orlin, J. B. (1993). *Network Flows: Theory, Algorithms, and Applications* (1st ed.). Prentice Hall (Chapter 16).
- Cavdaroglu, B., Nurre, S. G., Mitchell, J. E., Sharkey, T. C., & Wallace, W. A. (2010). Decomposition Methods for Restoring Infrastructure Systems. *Vulnerability, Uncertainty, and Risk: Analysis, Modeling, and Management*, 171–179. [https://ascelibrary.org/doi/10.1061/41170\(400\)21](https://ascelibrary.org/doi/10.1061/41170(400)21)
- [dataset] Kaul, H. & Rumpf, A. (2021). *A linear input dependence model for interdependent networks*. Mendeley Data, V1. <https://doi.org/10.17632/ptzc7jxhmn.1>
- Kinney, R., Crucitti, P., Albert, R., & Latora, V. (2005). Modeling cascading failures in the North American power grid. *European Physical Journal B*, 46, 101–106. <https://doi.org/10.1140/epjb/e2005-00237-9>
- Rumpf, A. (2019). *MCNFLI Computational Trials*. <https://github.com/adam-rumpf/mcnfli-trials>. Accessed May 8, 2020
- Schmöcker, J.-D. (2006). *Dynamic Capacity Constrained Traffic Assignment*. Imperial College London.

## Acknowledgements

Thank you to Oren Patashnik for writing the original `apalike` style file on which this was based. This modification of `apalike`, and the other files in this package, were largely based on the `zootaxa-bst` package by Gustavo A. Ballen, and seeing the `zootaxa-bst` repository on GitHub is what originally gave me the motivation to make this slapdash and kludgy personal tool available to the public. Thank you also to the L<sup>A</sup>T<sub>E</sub>X Stack Exchange community, whose guidance proved invaluable in figuring out the basics of the `.bst` format, as well as to the CTAN community for making so much T<sub>E</sub>X material openly available. Finally thank you to my graduate advisor Hemanshu Kaul, without whom I would never have been in a position to submit a paper to *EJOR* in the first place.