



The ORCIDinREVTeX package

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The ORCIDinREVTeX package is a L^AT_EX package for the REVTeX class, which handles ORCID iD attribution for authors.

This package adds support for ORCID iDs to the REVTeX class. It provides the following features:

- An `\orcidicon{width}` command, which produces the ORCID iD icon at the specified width: `small`, , or bigger:



This graphic is produced within `tikz`, and it is a transcription of the SVG version. The default width for the icon is 8pt, and it is encoded as the `\orcidiconwidth` length.

- An `\orcid{orcid-id}` command, which can be added after each `\author` with the corresponding numerical iD. An example usage is as follows:

```
\author{Josiah Carberry}
\orcid{0000-0002-1825-0097}
\affiliation{Department of Psychoceramics,
             Brown University}
```

This will produce ORCID badges after each author for which an iD has been specified, hyperlinked to that author's ORCID record.

- An `\listoforcidids` command, which produces an unnumbered section listing all the author ORCID iDs, suitably hyperlinked, as shown below.

This package calls on the `tikz`, `xcolor` and `enumitem` packages as dependencies. For the hyperlinks to work, the `hyperref` package is highly recommendable (but not loaded automatically).


To be honest, the code here is quite ‘hacky’ and probably quite fragile. It is unlikely that this is a sustainable way forward, but the code presented here will hopefully be a useful prototype and temporary fix until full ORCID iD support is included into the REVTeX class itself.

For full clarity, Josiah Carberry is a fictional person and has no involvement with this work—the authorship is wholly mine (E. Pisanty), and Carberry (described as an expert in the study of ‘cracked pots’ by [Wikipedia](#)) is [listed by ORCID](#) as a suitable example author for demonstration purposes.

This package contains minor amounts of code modified or adapted from the REVTeX 4.2 class, and more specifically from its component package `ltxfront`. Both of these are available from [the REVTeX homepage](#).

ORCID iDs

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