

[TNOTE: Number]

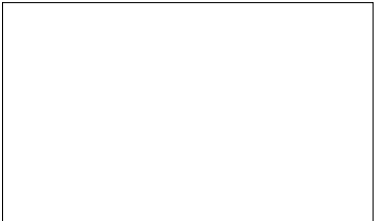
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Graphical Abstract

**This is a specimen  $a_b$  title**

,



## Highlights

**This is a specimen  $a_b$  title**

,

- Research highlights item 1
- Research highlights item 2
- Research highlights item 3

$g_{\text{stm\_au0\_seq}}$ , , and

$g_{\text{stm\_collab0\_seq}}$   $g_{\text{stm\_clau0\_seq}}$  and , and  
 $g_{\text{stm\_aff0\_seq}}$

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## ARTICLE INFO

### *Keywords:*

quadrupole exciton  
polariton  
WGM  
BEC

## ABSTRACT

This template helps you to create a properly formatted L<sup>A</sup>T<sub>E</sub>X manuscript.

`\beginabstract ... \endabstract` and `\begin{keyword} ... \end{keyword}` which contain the abstract and keywords respectively.

Each keyword shall be separated by a `\sep` command.

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## 1. Introduction

The Elsevier cas-dc class is based on the standard article class and supports almost all of the functionality of that class. In addition, it features commands and options to format the

- document style
- baselineskip
- front matter
- keywords and MSC codes
- theorems, definitions and proofs
- labels of enumerations
- citation style and labeling.

This class depends on the following packages for its proper functioning: