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### DESCRIPTION

*European Polymer Journal* is dedicated to publishing work on fundamental and applied polymer chemistry and macromolecular materials. The journal covers all aspects of polymer synthesis, including polymerization mechanisms and chemical functional transformations, with a focus on novel polymers and the relationships between molecular structure and polymer properties. In addition, we welcome submissions on bio-based or renewable polymers, stimuli-responsive systems and polymer bio-hybrids. *European Polymer Journal* also publishes research on the biomedical application of polymers, including drug delivery and regenerative medicine. The main scope is covered but not limited to the following core research areas:

#### **Polymer synthesis and functionalization**

- Novel synthetic routes for polymerization, functional modification, controlled/living polymerization and precision polymers.

#### **Stimuli-responsive polymers**

- Including shape memory and self-healing polymers.

#### **Supramolecular polymers and self-assembly**

- Molecular recognition and higher order polymer structures.

#### **Renewable and sustainable polymers**

- Bio-based, biodegradable and anti-microbial polymers and polymeric bio-nanocomposites.

#### **Polymers at interfaces and surfaces**

- Chemistry and engineering of surfaces with biological relevance, including patterning, antifouling polymers and polymers for membrane applications.

#### **Biomedical applications and nanomedicine**

- Polymers for regenerative medicine, drug delivery molecular release and gene therapy

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#### *Examples:*

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59. <https://doi.org/10.1016/j.Sc.2010.00372>.

Reference to a journal publication with an article number:

[2] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, 2018. The art of writing a scientific article. *Heliyon.* 19, e00205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.

Reference to a book:

[3] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[5] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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