**Nature Communications**

<http://www.nature.com/ncomms/submit/content-types>

* Nature Communications will publish high-quality papers from all areas of science that represent important advances within specific scientific disciplines but that might not necessarily have the scientific reach of papers published in Nature and the Nature research journals.
* up to 12 pages in length
* The main text of an Article should begin with an introduction (without heading) of referenced text that expands on the background of the work (some overlap with the abstract is acceptable), followed by sections headed Results, Discussion (if appropriate) and Methods (if appropriate).
* Depending on the word count, Articles may have up to 10 display items (figures and/or tables).

**Physical Review Letters**

<http://journals.aps.org/prl/authors/editorial-policies-practices>

* The journal aims to provide its diverse readership with coverage of major advances in all aspects of physics and of developments with significant consequences across subdisciplines.
* Letters should therefore be of broad interest.
* Letters of not more than 3750 words (and figures contribute to the word limit).
* *Physical Review Letters* publish new physics. Thus, prior publication of the same results will preclude consideration of a later Letter. In addition, the findings must not be a marginal extension of previously published work.

**Scientific Reports**

<http://www.nature.com/srep/publish/guidelines>

* Scientific Reports publishes original research in all areas of the natural and clinical sciences. We believe that if your research is scientifically valid and technically sound then it deserves to be published and made accessible to the research community.
* Articles should ideally be no more than 11 typeset pages in length.
* the main text should be no more than 4,500 words
* For the main body of the text, there are no explicit requirements for section organization (but same format as Nature Communications recommended).
* We suggest that Articles contain no more than 8 display items (figures and/or tables).

**Physical Review Accelerators and Beams**

<http://journals.aps.org/prab/info/infoab.html>

* aims to publish papers that contain advances in the science and technology of accelerators and beams by presenting important and original technical advances or reviewing active areas of research.
* Papers that describe proposed experiments fall into a special category. For such papers to be acceptable, the experiments must be demonstrated to be novel and feasible. It is the authors' responsibility to show that their proposal is likely to stimulate research that might not otherwise be undertaken.
* Material previously published in an abbreviated form (in a Letters journal, as a Rapid Communication, or in a conference proceedings) may provide a useful basis for a more detailed article in the Physical Review. Such an article should present considerably more information and lead to a substantially improved understanding of the subject. Reproduction of figures, tables, and text material that have been published previously should be kept to a minimum and must be properly referenced.
* The appropriate length of an article depends on the information presented, and there is no length limit.

**Nuclear Instruments and Methods in Physics Research Section A**

<https://www.journals.elsevier.com/nuclear-instruments-and-methods-in-physics-research-section-a-accelerators-spectrometers-detectors-and-associated-equipment>

* Section A of Nuclear Instruments and Methods in Physics Research publishes papers on ... this includes the development of particle accelerators, ion sources, beam transport systems... It also includes all types of instrumentation…
* unlimited number of pages and figures

**Impact factors:**

Nature Communications: 11.329

PRL: 7.645

Scientific Reports: 5.228

PRAB: 1.500

NIM: 1.200

**CLIC in title/abstract papers:**

Nature Communications: 0

PRL: 1 (http://journals.aps.org/prl/abstract/10.1103/PhysRevLett.84.658)

Scientific Reports: 0

PRAB: 44

NIM: 66