

How to send files to Similarity Check?

Nestor can send files to Similarity Check (SC). SC can be triggered either manually or automatically.

Automatic Similarity Check

Automatic SC is defined at the [file type](#) level. The conditions are the following:

- the auto SC box type must be checked in the file type
- this is the first version of the article
- the file is either DOC or PDF
- the file must not exceed 20 MB

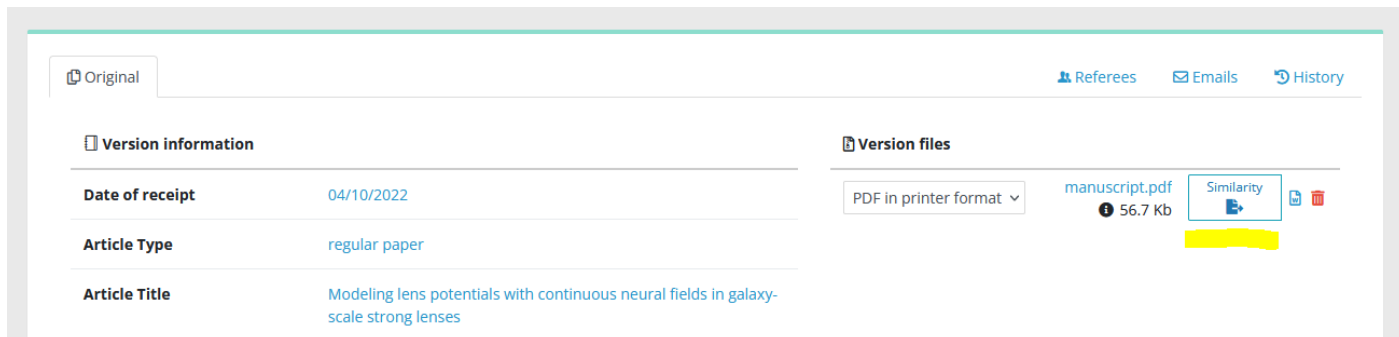
If all these conditions are met, the file is automatically sent to SC when the author completes the submission. This will return a similarity percentage that you can retrieve in the file module:

The screenshot shows a file management interface under the heading "Version files". A dropdown menu is set to "PDF in printer format". A file entry for "manuscript.pdf" is shown with a size of 4.3 Mb and a similarity score of 78%. A tooltip is displayed over the 78% score, stating: "Similarity Check returns a score of 78%, click for the full report. Triggered automatically on 05/05/2023".

Manual Similarity Check

On an article, in the [file management module](#), the SC button will appear if the following conditions are met:

- your [profile](#) must have the right to use SC
- the file is either DOC or PDF
- the file must not exceed 20 MB



The screenshot shows the 'Original' tab of a file management interface. On the right, there are links for 'Referees', 'Emails', and 'History'. Below, the 'Version information' section lists: 'Date of receipt' as 04/10/2022, 'Article Type' as regular paper, and 'Article Title' as 'Modeling lens potentials with continuous neural fields in galaxy-scale strong lenses'. The 'Version files' section shows a dropdown menu set to 'PDF in printer format', a file named 'manuscript.pdf' (56.7 Kb), and a 'Similarity' button with a plus icon and a trash icon.

Push the button, and let simmer a few minutes...

Version files



This screenshot shows the 'Version files' section with a dropdown menu set to 'PDF in printer format'. It displays a file named 'manuscript.pdf' (56.7 Kb) and a yellow 'Similarity' button with a sandglass icon and a trash icon.

Nestor will then display the similarity result, clicking the percentage will lead you to the full report in iThenticate.

Version files



This screenshot shows the 'Version files' section with a dropdown menu set to 'PDF in printer format'. It displays a file named 'manuscript.pdf' (4.3 Mb) and a red 'Similarity' button showing '78%' with a dropdown arrow and a trash icon.

Similarity Check returns a score of 78%, click for the full report
Triggered automatically on 05/05/2023

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1 Atmospheric Plasma Jet processing for figure error correction of an
2 optical element made from S-BSL7

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Abstract

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10 To meet the increasing market demand for optical components, Plasma Jet Machining (PJM) of
11 Borosilicate Crown Glass (BCG), which can be an alternative to Fused Silica, is presented. Surface
12 figure error correction was performed by applying reactive plasma jet etching, where a
13 fluorine-containing microwave driven plasma jet is employed to reduce the figure error in a deterministic
14 dwell-time controlled dry etching process. However, some of the glass constituents of BCG cause the
15 formation of a residual layer during surface treatment which influences the local material removal. By
16 heating the substrate to about $T_s = 325^\circ\text{C}$ to 350°C during processing, the etching behavior can clearly
17 be improved. Geometric conditions of the optical element nevertheless lead to a characteristic
18 temperature distribution on the substrate surface, which requires an adjustment of the local dwell times
19 in order to obtain the required material removal. Furthermore, the resulting local surface roughness is
20 also influenced by the surface temperature distribution. It is shown that figure error can be significantly



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