

Article: [Evidence Supporting the Shroud of Turin's Authenticity: A Comprehensive Scientific Analysis](#) by **Otangelo Grasso** / [academia.edu](#) – July 20, 2025 – Abstract: “This paper presents a comprehensive analysis of multidisciplinary evidence supporting the authenticity of the Shroud of Turin as a first-century burial cloth from Jerusalem. We examine forensic correlations, advanced imaging technologies, botanical evidence, blood chemistry analysis, environmental resistance properties, and historical documentation. The evidence converges on three core forensic anomalies irreconcilable with medieval forgery: (1) 120+ matching bloodstain patterns with the Sudarium of Oviedo, (2) mathematical encoding of three-dimensional spatial information impossible before modern technology, and (3) anatomical precision exceeding medieval medical knowledge. These findings, supported by spectroscopic analysis, environmental stress resistance, and modern reproduction failures, suggest the Shroud represents a genuine first-century relic with formation mechanisms beyond current scientific understanding.”

Paper (Open access): Blood Transfer to the Shroud of Turin: The Washing Hypothesis Revisited by **Kelly Kearse** – Published online July 16, 2025 - [International Journal of Archaeology](#), 2025, 13(2):152-156 – Abstract: “The Shroud of Turin is an important archaeological artifact that has been suggested to represent either the burial cloth of the historical Jesus of Nazareth or a clever hoax created during the medieval era. Previous studies have established that authentic blood components are present within the wound areas and shown that numerous serum borders exist, indicative of clotted blood being transferred to the cloth. Controversy exists regarding whether the body would have been washed prior to envelopment in the burial shroud. It has been suggested that Jewish burial customs would have prohibited washing of the body under these circumstances; in this case, resultant blood transfer would likely have occurred either when the blood was relatively fresh and in a liquid or gelatinous state, or after having dried and being remoistened via a high humidity, cave tomb environment. Alternatively, it has been proposed that the body was washed, followed by post-mortem emission from wounds, which were then transferred onto the cloth. Indeed, post-mortem blood has been found to rarely coagulate under these conditions, making such transfer possible even hours after death. The current study demonstrates that inhibition of coagulation precludes the formation of serum borders in bloodstains, an observation which is incompatible with what is observed on the Shroud. These data indicate that it is unlikely that the primary blood transfer mechanism involved washing of the body and subsequent post-mortem emission from wounds.”

Paper (Open Access) - [An Exquisitely Fine Paint Brush for the Turin Shroud's Image](#) by James C. Porter – July 14, 2025 - [International Journal of Archaeology](#), 2025, 13(2), 141-151 – Abstract: “The Shroud's body image is a monochromatic half-tone made from a huge number of short, straw yellow discolorations. These discolorations do not penetrate the threads or even all the way through the fibers which make up the threads. They appear only on a thin outer layer of the fibers, the fiber primary cell walls. In this work we show that the radioactive isotope rubidium 87 is found in linen fiber's primary cell walls in sufficient concentrations to initiate yellowing *should a large proportion undergo beta decay*. This kind of nuclear decay involves the emission of an anti-neutrino which escapes, so that the electron which is produced concurrently can have a variety of kinetic energies and can be launched in a variety of directions.

We argue that radiation damage from electron irradiation could have produced uniform yellowing of the fiber primary cell walls and have quenched ultra-violet fluorescence, both characteristics of the Shroud's body image. Recent developments in the theory of quantum foundations point to the existence of a world, indistinguishable from ours and occupying our same spacetime, in which the image was, with certainty, created by ^{87}Rb decays."

Article: [The Shroud of Turin: first century or medieval cloth?](#) by **Paul Bishop** / [shroudofturin.uk](#) – July 14, 2025.

Commentary (Open Access): [Commentary On: "Turin Shroud: A Medieval Technique"](#) by **Giulio Fanti and Carol Gregorek** – *Medical & Clinical Case Reports Journal* - 2025; 3(2):1018-1020 – Published online June 30, 2025 – Premise: "The authors of Articles #1 (A1) reaffirm the entirety of their previously published findings, including the assertion that classifying the Turin Shroud (TS) as a medieval artifact is epistemologically comparable to asserting that the Earth is flat. They express particular concern regarding the content of Article #2 (A2), which they regard as scientifically unsound, primarily due to its selective omission of data and evidence that contradict the conclusions it seeks to advance."

Paper (Open Access): [Turin Shroud: Example of Claims against its Authenticity and Comments](#) by **Giulio Fanti and Carol Gregorek** – *Medical & Clinical Case Reports Journal* – 2025; 3(2):925-932. Summary: "After the publication of some articles that clarify why the body image of the Turin Shroud is not reproducible in the laboratory and not even explainable in its macroscopic and microscopic complexity, several opposing comments have come to light in which the opposite was declared superficially and subjectively."

The authors of this article take as an example some comments made by scholars of the Shroud Science Group, a commentary sent to a Journal but not published and a web page containing many heavy critics exemplifying observations that can be read against the authenticity and commented on scientifically.

The frequent inconsistency and subjectivity of such criticisms are subsequently emphasized, suggesting that they are driven less by a commitment to scientific objectivity and more by underlying motives probably arising from unease with the existence of this Relic that offers scientific evidence of the Passion, Death and Resurrection of Jesus Christ."

Article: [Examining the Authenticity of the Shroud of Turin: A Biblical and Historical Analysis \(Part 2\)](#) by **Jonathan Moore and Sarah Perry** – *Reason and Revelation Journal*, 2025, 45:6 – Published online May 30, 2025.

Paper (Open Access): [Photoelectric UV Fluorescence Investigation of the Turin Shroud Revisited](#) by Samuel Pellicori – *International Journal of Archaeology*, 2025, 13(1), 63-68. <https://doi.org/10.11648/j.ija.20251301.16> - - Abstract: "Photoelectric spectroscopic fluorimetry (PEF) was a set of analytical data collected during the 1978 scientific investigation of the Turin Shroud (TS). Simultaneously with PEF, UV-induced fluorescence photography and visual microscopy were recorded. This study uses data from the three optical disciplines to interpret the PE measurements with the objective of identifying those features on the TS that emit fluorescence when stimulated by UV. Fluorescence as recorded by PEF has been interpreted as emitted by the body image. That conclusion contradicts visual observation and UV fluorescence"

photographic imagery. The PEF-reported body fluorescence is found to be the result of the higher signal contributed to the total by fluorescing background cloth included in the measurement areas. A secondary objective of the study was to provide input relevant for exploring the chemical-physical properties and their differences of the body image, faintly scorched, and blood areas. Application of non-destructive updated spectroscopic, fluorometric and imagery analytical technology can benefit forensic, conservative, and preservation investigations of objects of historical value.” [***Editor’s note:*** *Pellicori was a member of the 1978 Shroud of Turin Research Project.*]

Article: Three-Dimensional Reconstructions of the Shroud of Turin Man: From Photographic Negatives to AI-Enhanced Forensic Analysis (see annex) along with a link to a series of visual renderings of Gospel events, each inspired by the image of the Man on the Shroud by **Otangelo Grasso**. – May 2025 - You can access the material here:

<https://reasonandscience.catsboard.com/t1688p150-the-shroud-of-turin-christ-s-evidence-of-the-resurrection>

Paper (Open Access): [Cuestiones historiográficas sobre la procedencia del tejido de la Síndone de Turín](#) (Historiographical questions on the origin of the Turin Shroud fabric) by **César Barta Gil** – 2024 - *Cuadernos De Arqueología De La Universidad De Navarra* – Abstract in English: The Shroud preserved in Turin and considered the possible shroud of Jesus Christ was analyzed from the textile point of view by several specialists. Following the descriptions provided by Raes, Vial, Flury-Lemberg, Rogers and Barcaccia, this study evaluates the compatibility with its origin in Israel, Egypt and India in the first century and in Europe in the 14th century. The manufacture in 3/1 twill on a horizontal 4-shaft treadle loom, the z twist, the presence of herbaceum or arboretum cotton and the DNA statistics found in the vacuumed dust from the Shroud are some of the characteristics that make it difficult to find a geographical origin that complies with all of them. An alternative is postulated that tries to combine all the data.”