

<https://www.shroud.com/pdfs/Recently%20published%20papers%20and%20articles%20Spring%202025.pdf>

[Turin Shroud: Comprehensive Impossibility for a Work of Art](#) by **Giulio Fanti** - (Open Access): *Medical & Clinical Case Reports Journal*, 2025, 3(1):1-10. Abstract: This study builds upon previous research that has demonstrated the hypothesis suggesting the Turin Shroud (TS), also referred to as the Holy Shroud, is a medieval artistic production to be medically implausible.

Beyond the medical considerations, the TS exhibits a double-body image imprint. This phenomenon remains unexplained in its entirety and has not been successfully reproduced in a laboratory setting, even with the most advanced and sophisticated modern techniques.

This research extends the critical analysis of this hypothesis, which continues to be widely disseminated in popular media, by examining the technical and procedural challenges a Hypothetical Artist (HA) would have faced in attempting to produce the observed double-body image on the TS.

This study's primary motivation stems from the author's extensive research on the TS, spanning more than twenty-five years of university-level scientific investigation. Based on this research, the author asserts the authenticity of the TS, as the body of supporting evidence is substantial, while no verifiable data has been identified that would suggest otherwise.

Following a summary of the medical procedures theoretically required for an artist to produce such an imprint, this study further examines, with experimental results too, the even more complex and implausible technical operations that a hypothetical artist would have needed to undertake to produce the TS's double-body image-an outcome that remains, even with modern scientific advancements, effectively "impossible" to replicate.

[The Turin Shroud: A Critical Analysis and Rebuttal of a Recent Scientific Study](#) – by **Giulio Fanti, et al.** – *Medical & Clinical Case Reports Journal*, 2025:3(2):821-831.

[Systematic Evaluation of Recent Research on the Shroud of Turin](#) by **Tristan Casabianca** - *Theology and Science*, 2025, 23(1):72:88 (Reproduced on academia.edu) – Abstract: “This study critically reviews four decades of academic research on the Shroud of Turin, a highly debated archaeological artifact. Employing advanced epistemological methods such as argument mapping and Bayesian analysis, the study systematically evaluates the two leading hypotheses: the medieval creation of the Shroud and its authenticity as the burial cloth of Jesus of Nazareth. This examination suggests a warrant for the proponents' belief in the authenticity hypothesis. It highlights the vitality and complexity of the controversy surrounding the dating and image formation process of the Shroud of Turin.”

[FROM THE GOSPELS TO THE SHROUD](#) by **Francesco Innangi** / [academia.edu](#) – 2025.

[BLOOD AND LIGHT Insights from the Shroud of Turin and the Holy Scriptures](#) by **Rosella Paglia** / [academia.edu](#) – 2025.

[The Latin Rite Patriarch of Jerusalem's Thoughts on the Shroud of Turin](#) by **Giovanni Fazio, et al.**, *Open Journal of Applied Sciences*, 2025, 15(4):955-961. (Published April 14, 2025.) Abstract: “This writing is based on Cardinal Pizzaballa's perspective on how to interpret the Shroud of Turin. He argues that the burial linen of Jesus Christ does not explain the Resurrection; rather, it serves as a useful sign that introduces us to the mystery of the

Resurrection. To the best of our knowledge, this is the first time that a prominent voice in the Roman Catholic Church has expressed such a view. Indeed, his words place the radiative hypothesis, and the scientists supporting it, in a difficult position. This hypothesis has long been considered the most plausible explanation for the formation of the Shroud's body image. We find this hypothesis unacceptable, not because its supporters refer to it as a miracle, but because they describe, step by step, as though it followed a temporal evolution. This is unacceptable, as a supernatural event must be instantaneous. Furthermore, beyond theological consideration, we will show that there are several problems that have been overlooked, as if physics were irrelevant (Emission by Human Body, Descriptions of a single Supernatural Event, Fibrils Yellowing, Non-Contact Areas, Penetration Depth, Body-Linen Correlation). We believe that both theological and scientific reasons are sufficient to dismiss the radiative hypothesis. Finally, a mention of two possible natural processes for the formation of Shroud Body Image, proposed by other scientists."

[Three-Dimensional Reconstructions of the Shroud of Turin Man: From Photographic Negatives to AI-Enhanced Forensic Analysis](#) by **Otangelo Grasso** – Published April 14, 2025 – Abstract:

This paper examines the evolving scientific investigation of the Shroud of Turin through the lens of modern imaging technologies, with a particular focus on the unique capabilities of artificial intelligence (AI) to resolve interpretive ambiguities that have persisted for decades. While earlier studies relied on photographic negatives and basic morphological assessments of bloodstains, recent advances—especially in photogrammetry, digital 3D modeling, and deep learning algorithms—have enabled anatomically precise reconstructions of the man depicted on the cloth. These reconstructions, when compared with forensic data from Roman-era crucifixion remains (e.g., the Giv'at ha-Mivtar heel bone) and ancient textual descriptions, reveal a consistent pattern of trauma: wrist and foot wounds, scourge marks, thoracic penetration, and scalp injuries compatible with a puncturing crown. By treating the image as a spatial data field rather than a flat imprint, AI tools have enhanced facial reconstructions, restored symmetry distorted by linen folding or aging, and identified features previously obscured by noise. This article traces the trajectory from early analog observations to contemporary AI-enhanced reconstructions, arguing that the growing convergence of anatomical, forensic, and digital evidence strengthens the case for the internal coherence of the image. While the question of the Shroud's origin remains debated—especially in light of contested radiocarbon results—this study underscores how machine-assisted analysis offers novel pathways for interrogating the artifact's physical and historical integrity."

[The Shroud of Turin and Mathematical Constants: A Study of Encoded Knowledge](#) by **Dawn Higgins** - *Advances in Anthropology*, 2025, 15(2), 33-47 – Published online April 9, 2025 –

Abstract: "This paper explores the Shroud of Turin in the context of mathematical constants and ancient knowledge. By examining the dimensions of the Shroud - 4.4 meters by 1.1 meters (Fanti & Malfi, 2015), this study reveals correlations with symbolic numbers such as Pi, Phi, and the golden angle (137.5 degrees). Other numbers discovered within the Shroud, such as 216, 432, and 864, symbolize the Moon and the Sun. Their presence in the Shroud underscores its potential role as a vessel of encoded universal knowledge, reflecting ancient civilizations' profound understanding of celestial harmony and mathematical order (Michell, 1988). These numbers are significant in ancient cosmology and are linked to universal patterns observed in nature. The study focuses on the mysterious 8 cm side strip, which runs along the entire length of the Shroud.

This strip, sewn nearly invisibly and made from the same cloth as the main body of the Shroud, had been carefully removed and reattached with such precision that it is barely noticeable. Here, it is hypothesized that the strip's measure of 3.14 inches encodes the mathematical constant of pi (3.14), symbolizing cycles and creation. The strip is seen as an intentional design element within the Shroud, acting as a code key that reveals deeper meanings and hidden relationships with the Shroud's dimensions. Remarkable parallels between the Shroud's measurements and the dimensions of the Great Pyramid, including its side length of 432 long cubits (Grant, 2021) and an angle of 51.84 degrees, are highlighted. These connections suggest that those who created such artifacts encoded profound mathematical and cosmic knowledge in their creations. This study suggests that besides being of religious importance, the Shroud of Turin symbolizes universal constants and cosmic harmony. This further supports the importance of the figure who was crucified and buried in the Shroud (Shroud of Turin Research Project, 1981). It is not only a relic but a unique insight into the knowledge of those of the past, further supporting the Shroud's importance in human history. Ancient civilizations often used numbers to convey hidden knowledge, embedding them in language through systems like gematria, which is the practice of assigning numerical values to words or phrases to encode deeper meanings. Gematria originated in ancient cultures, including the Hebrews and Greeks, where numerical values were assigned to letters. It became a significant tool in mystical traditions, especially in Kabbalistic interpretations of biblical texts (Aczel, 2000)."

[Can I Get a Witness? The Shroud's Image as "The Father's Testimony that He Testified Concerning His Son!" - 1 John 5:5-13](#) by **Larry Stalley** / **academia.edu** – April 6, 2025

[THE SHROUD OF TURIN AND THE RESURRECTION](#) by **Oswaldo Negrini** / **academia.edu** – March 2025

Multiple articles from "FROM THE STERA ARCHIVES" series by Joseph G. Marino. Numbers 19-42 have been published. Rather than list each article separately, I decided to just give the [link to my academia.edu page](#) where readers can look at any of the articles from there.

[On the recent article about the molecular nature of aging of flax fabrics induced by ultraviolet light. Implications in Shroud image studies](#) by **Paolo Di Lazzaro** / **academia.edu** – March 20, 2025.

[Sul Recente articolo della Natura Molecolare dell'Invecchiamento dei Tessuti di Lino Indotto da Luce Ultravioletta: Implicazioni negli Studi sull'Immagine Sindonica](#) by **Paolo Di Lazzaro** / **academia.edu** – March 20, 2025.

[Recent Retracted Papers from Nature – Is there Warrant for the 1989 Shroud Paper to be Retracted?](#) by **Joseph G. Marino** / **academia.edu** – Discussion: <https://www.academia.edu/s/211fa22092> - March 7, 2025

[Evidence of Hematidrosis on the Turin Shroud?](#) by **Giulio Fanti and Carol Gregorek** – (Open Access) -*Medical and Clinical Case Reports Journal*, 2025, 3(1):741-749 – March 4, 2025.

[The Shroud of Turin: An Overview of the Archaeological Scientific Studies](#) by **Ioannis Karapanagiotis** – (Open Access) - *Textiles* 2025, 5, 8 – February 19, 2025 – Abstract: “The Shroud of Turin attracts consistently the interest of both the scientific community and the general public, as many believe that it is the burial cloth of Christ. This article aims to provide a comprehensive review of the relevant scientific research addressing two key questions: (i) how were the image of the human body and the bloodstains formed on the Shroud? (ii) What is the age of the Shroud? The answer to the first question remains a mystery, and the article explores the most promising hypotheses. Consequently, the scientific community should have another opportunity in the near future, similar to that of the 1978 STURP campaign, to study the object. The 1989 radiocarbon dating of the Shroud, which addressed the second question and suggested that the linen cloth date to the 14th century AD, is discussed in light of hypotheses and experimental studies that have raised concerns and objections about the Shroud’s possible medieval origin. It is concluded that the evidence from the significant reports published to date, which challenge the radiocarbon dating, is insufficient to overturn its finding. However, extracting new samples from different parts of the object to perform a second series of radiocarbon dating measurements is suggested.”

[The Jesus of the Holy Shroud: Annihilated or Resurrected?](#) By **Federico Pelletieri / controluci.it** – February 12, 2025

[The Feet of Christ? Douse Water damage from the 1532 Fire, the Lier Shroud and the Missing Corners](#) by **Pam Moon / academia.edu** – February 3, 2025.

[SHROUD OF TURIN: BETWEEN PHOTOGRAPHY, ART HISTORY AND ARCHAEOLOGY](#) by **Jack Brandão / researchgate.net** – **2024** - Abstract: – “After being photographed by Secondo Pia in May 1898, the Shroud of Turin proved to be more than a mere medieval relic: it became a trustworthy source of archaeological imagery, providing a wealth of information about capital punishment widely used in the Roman world, but that there was not much scientific information available: crucifixion. Thus, following an interdisciplinary line, this article seeks to rescue, through the imagery question, not only the burial rites belonging to the ancient peoples but also anatomical aspects revealed by the possible mortuary sheet of Jesus, pointed out by the first scientists who decided to study it.