

Recently Published Papers & Articles

June 1, 2020

Ultraviolet 365 as an Alternative Light Source for Detection of Blood Serum by **Kelly Kearse** - *Journal of Forensic Sciences*, 28 April 2020 (Online Version of Record before inclusion in an issue) - Here is an excerpt from the Abstract: "...In this report, the detection of human blood serum was evaluated using ultraviolet (UV) light at two different wavelengths. These results show that ultraviolet (UV) at 365 nm (UV365) was effective in the detection of even small amounts of blood plasma and serum, compared with UV at 395 nm, which was not. UV365 was also found to be useful in distinguishing blood imprints from clotting blood which had been transferred to material versus blood that had been added directly. Taken together, these results demonstrate that UV365 may be utilized as a simple, nondestructive method for blood serum detection." [Editor's Note: Although the Shroud of Turin is never directly mentioned in this article, the methods and conclusions discussed are completely relevant to Shroud research].

The Shroud Body Image Generation. Immanent or Transcendent Action? by **Giovanni Fazio** - *Scientia et Fides*, Volume 8 (1)/2020 – Here is an excerpt from the abstract: “In this article, we shall study the mechanism of the Shroud body image formation with the help of both natural sciences and religion. The various possibilities can be divided into three groups of hypothesis: the first one is that of the fake, the second one is the miracle and the third one of the natural event...” [Editor’s Note: Once on the page, click the “download the pdf” link to access the article].

Unanticipated issues in serological analysis of blood species - The Shroud of Turin as a case example by **Kelly Kearse** - *Forensic Science International: Reports*, Volume 2, December 2020 – Here is the abstract: “Serological analysis of blood on objects can be challenging, particularly those for which limited background information is available. The Shroud of Turin is an aged linen cloth that shows the images of a man bearing wounds corresponding to scourging and crucifixion. The bloodstains on the Shroud are often reported as being human in origin; however, a modern reevaluation of the prior experimental design indicates that blood from other species would have also tested positive. The current perspective underscores the importance of consideration of a broad spectrum of potential cross-reactivity in bloodstain analysis, particularly with objects that are of indefinite origin.”

Is the Shroud of Turin the Actual Burial Cloth of Jesus? by **Larry Stalley** – Academia.edu – 2020 – Here is the abstract: “Most people perceive the Shroud of Turin to be a medieval fake. But more and more people are arriving at a vastly different conclusion. This paper will present evidence for authenticity and will attempt to explain why the Shroud of Turin is likely the actual burial cloth that once covered the corpse of Jesus.”

Blood Kinetics and Narrative Performance in Early Modern Devotions to the Shroud of Turin by **Andrew Casper** - *Sixteenth Century Journal*, Vol. L, No. 2, Summer 2019 – Here is an excerpt from the introduction: “The Shroud of Turin experienced its most intense devotional enthusiasm in the century after its first public exhibition in Turin in 1578. During this period, the cloth and its mysterious imprint of Christ’s body transcended the static nature of an icon by becoming a performative image in the context of private devotional worship...”

[Archaeology and the Shroud, In the Light, there is Truth](#) by **Erich P. Junger** - *Pontifical Athenaeum Regina Apostolorum, Science and Faith Institute* – January 31, 2019 – Academia.edu – Here is the online description: “This paper examines the various methods that have been employed to examine the suspected bloodstains on the Shroud of Turin and the various arguments that have been proposed by scholars either for or against the authenticity and validity of the techniques.” [Editor’s Note: Fr. Junger is an Anglican priest and this paper was written for a course taught by Prof. Ada Grossi].

[Turin Shroud, Resurrection and Science: One View of the Cathedral](#) by **Tristan Casabianca** - *New Blackfriars, 2016* – Academia.edu – Here is the abstract: “In a topic as controversial as the Turin Shroud, it is always surprising to note that there remains a large area of consensus among scholars who hold opposite opinions on the origin of this piece of fabric. According to the consensus view, neither science nor history can prove that the Turin Shroud shows signs of the Resurrection of Jesus of Nazareth. However, the reasons provided for this important claim are not convincing, especially in light of recent developments in historiography and analytic philosophy.”

[2014 Workshop on Advances in the Turin Shroud Investigation \(ATSI 2014\)](#) - **SHS Web of Conferences**, Volume 15 (2015) – This website includes links to a selection of papers that were originally presented at the ATSI 2014 Conference held at the University of Bari in Bari, Italy, September 4–5, 2014. The event was sponsored by the **Technical University of Bari, Italy** and the **University of Bari "Aldo Moro," Italy** with the technical co-sponsorship of the **CIS (International Center for Turin Shroud Studies)**, Turin. The event was organized by the **Department of Electrical and Information Engineering** of the Technical University of Bari, Italy. Currently, 11 papers are available.