METRICS ***(last update: 0608/2025)***

GOOGLE SCHOLAR: 195 publications, 1725 citations, h-index 22

SCOPUS: 181 publications, 1509 citations, h-index 19

WEB OF SCIENCES: 172 publications, 1398 citations, h-index 18

PUBLICATIONS in REFEREED JOURNALS:

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2. L. Torrisi, A. Torrisi, M. Cutroneo "Mass spectrometry of laser reduced graphene oxide in vacuum", *Int. J. Mass Spectrom.* **516**, 117494 (2025). DOI: 10.1016/j.ijms.2025.117494

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PEER-REVIEWED CONFERENCE PROCEEDINGS:

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CONFERENCE ABSTRACTS, TALKS, WORKSHOPS and POSTER PRESENTATIONS:

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4. A. Torrisi, "Progettazione e realizzazione di dispositivi di potenza e rivelatori di radiazione", UNICT PNRR RTDday, 25th July, 2023, Rettorato Università di Catania (Italy).

5. L. Torrisi, L. Silipigni, G. Salvato, M. Cutroneo, A. Torrisi "Graphene-based materials: properties, advancements and applications", Workshop on Physics and Engineering: synergy of innovative materials' technology and applications in basic research, 21st November 2022, Accademia Peloritana dei Pericolanti, Messina (Italy).

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8. A. Serra, D. Manno, A. Torrisi, L. Calcagnile, M. Martino, A. Buccolieri, G. Quarta, M. Cesaria, P. Verwilligen, A.P. Caricato "Characterization of pulsed-laser deposited diamond-like carbon films for micro-pattern gas detectors", 107° National Conference SIF, 13th - 17th September 2021 (Online Conference) – Video Communication.

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30. M. Cutroneo, L. Torrisi, A. Torrisi, J. Badziak, M. Rosinsky, A. Mackowa, P. Malinsky, Z. Sofer, R. Battger "Hybrid Graphene Based Material Promising Target in Laser Matter Interaction", CHANNELING 2018, Ischia (Italy), 23rd -28th September, 2018

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38. P. W. Wachulak, A. Torrisi, A. Bartnik, Ł. Wegrzynski, T. Fok, H. Fiedorowicz "Mikroskop pracujący w zakresie „okna wodnego" z rozdzielczością 60 nm na bazie laserowo-plazmowego źródła SXR i jego przykładowe aplikacje", XI sympozjum Techniki Laserowej (Laser Technology Symposium), Jastarnia, Poland, 27th – 30th September 2016

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42. A. Torrisi, P.W. Wachulak, A. Bartnik, Ł. Węgrzyński, T. Fok, H. Fiedorowicz "Development of EUV and SXR nanoscale imaging systems based on double stream gas puff target sources"- ISSRNS 2016, Ustron (Poland), 13th - 18th June, 2016 - TALK

43. A. Torrisi, P. W. Wachulak, M. F. Nawaz, H. Fiedorowicz, L. Pina "Characterization and optimization of SXR and EUV nanoscale imaging microscopy based on double stream gas-puff target sources", Extreme-ultraviolet and X-ray Training in Advanced Technologies for Interdisciplinary Cooperation EXTATIC 2016 Welcome Week Workshop, Southampton (United Kingdom), 11th - 15th January, 2016 – TALK

44. P. Wachulak, A. Torrisi, L. Wegrzynski, A. Bartnik, T. Fok, H. Fiedorowicz "Soft X-ray compact microscope based on a double stream gas puff target source and applications", XFEL Users Meeting 2016, DESSY Hamburg (Germany), 27th - 29th January, 2016

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