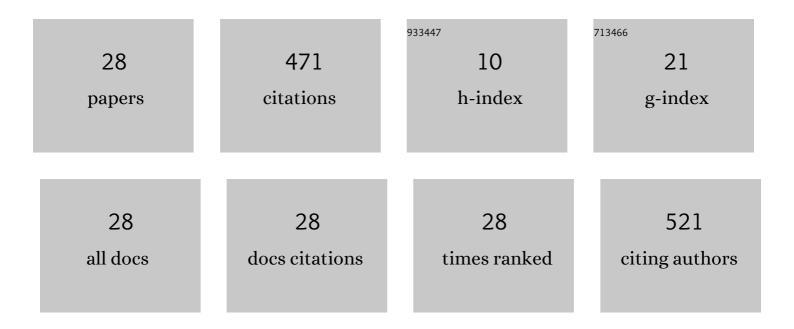
Fabrizio Giuseppe Bisesto

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | EuPRAXIA Conceptual Design Report. European Physical Journal: Special Topics, 2020, 229, 3675-4284. | 2.6 | 64 |
| 2 | Horizon 2020 EuPRAXIA design study. Journal of Physics: Conference Series, 2017, 874, 012029. | 0.4 | 60 |
| 3 | EuPRAXIA@SPARC_LAB Design study towards a compact FEL facility at LNF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 134-138. | 1.6 | 46 |
| 4 | Experimental characterization of active plasma lensing for electron beams. Applied Physics Letters, 2017, 110, . | 3.3 | 42 |
| 5 | Focusing of High-Brightness Electron Beams with Active-Plasma Lenses. Physical Review Letters, 2018, 121, 174801. | 7.8 | 39 |
| 6 | Femtosecond dynamics of energetic electrons in high intensity laser-matter interactions. Scientific Reports, 2016, 6, 35000. | 3.3 | 32 |
| 7 | Trace-space reconstruction of low-emittance electron beams through betatron radiation in laser-plasma accelerators. Physical Review Accelerators and Beams, 2017, 20, . | 1.6 | 25 |
| 8 | Sub-picosecond snapshots of fast electrons from high intensity laser-matter interactions. Optics Express, 2016, 24, 29512. | 3.4 | 17 |
| 9 | Ultrafast evolution of electric fields from high-intensity laser-matter interactions. Scientific Reports, 2018, 8, 3243. | 3.3 | 15 |
| 10 | Novel Single-Shot Diagnostics for Electrons from Laser-Plasma Interaction at SPARC_LAB. Quantum Beam Science, 2017, 1, 13. | 1.2 | 14 |
| 11 | Accurate spectra for high energy ions by advanced time-of-flight diamond-detector schemes in experiments with high energy and intensity lasers. Scientific Reports, 2021, 11, 3071. | 3.3 | 14 |
| 12 | Status of the Horizon 2020 EuPRAXIA conceptual design study*. Journal of Physics: Conference Series, 2019, 1350, 012059. | 0.4 | 11 |
| 13 | Modeling and diagnostics for plasma discharge capillaries. Physical Review E, 2019, 100, 053202. | 2.1 | 11 |
| 14 | Single-shot non-intercepting profile monitor of plasma-accelerated electron beams with nanometric resolution. Applied Physics Letters, 2017, 111, . | 3.3 | 9 |
| 15 | Single-shot electrons and protons time-resolved detection from high-intensity laser–solid matter interactions at SPARC_LAB. High Power Laser Science and Engineering, 2019, 7, . | 4.6 | 9 |
| 16 | Consolidating multiple femtosecond lasers in coupled curved plasma capillaries. Applied Physics Letters, 2018, 113, . | 3.3 | 8 |
| 17 | Temperature analysis in the shock waves regime for gas-filled plasma capillaries in plasma-based accelerators. Journal of Instrumentation, 2019, 14, C03002-C03002. | 1.2 | 8 |
| 18 | EuPRAXIA – a compact, cost-efficient particle and radiation source. AIP Conference Proceedings, 2019, , | 0.4 | 7 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Transverse emittance diagnostics for high brightness electron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 865, 63-66. | 1.6 | 6 |
| 20 | Frontiers of beam diagnostics in plasma accelerators: Measuring the ultra-fast and ultra-cold. Physics of Plasmas, 2018, 25, 056704. | 1.9 | 6 |
| 21 | Simultaneous observation of ultrafast electron and proton beams in TNSA. High Power Laser Science and Engineering, 2020, 8, . | 4.6 | 6 |
| 22 | Comparison of single crystal diamond TOF detectors in planar and transverse configuration. Journal of Instrumentation, 2020, 15, C09066-C09066. | 1.2 | 5 |
| 23 | Review on TNSA diagnostics and recent developments at SPARC_LAB. High Power Laser Science and Engineering, 2019, 7, . | 4.6 | 4 |
| 24 | Zemax ray tracing model for plasma waveguides. Laser Physics Letters, 2020, 17, 036001. | 1.4 | 4 |
| 25 | Direct observation of ultrafast electrons generated by high-intensity laser-matter interaction. Applied Physics Letters, 2020, 116, . | 3.3 | 4 |
| 26 | Plasma density profile measurements for ultra-short high power laser beam guiding experiments at SPARC _LAB. Journal of Physics: Conference Series, 2020, 1596, 012044. | 0.4 | 2 |
| 27 | Time-resolved characterization of ultrafast electrons in intense laser and metallic-dielectric target interaction. Optics Letters, 2020, 45, 4420. | 3.3 | 2 |
| 28 | Ultrafast electron and proton bunches correlation in laser–solid matter experiments. Optics Letters, 2020, 45, 5575. | 3.3 | 1 |