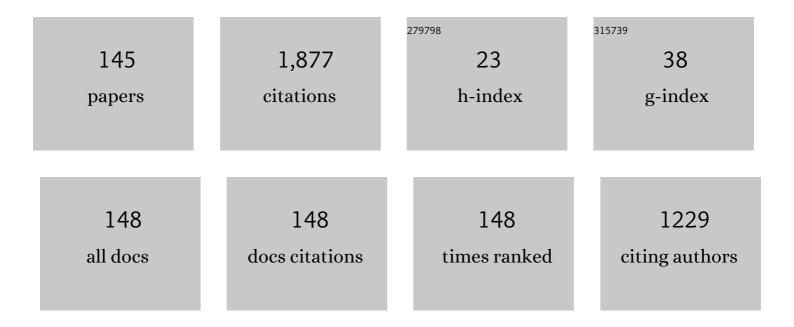
Roberto Cristiano

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | European roadmap on superconductive electronics $\hat{a} \in \hat{a}$ status and perspectives. Physica C: Superconductivity and Its Applications, 2010, 470, 2079-2126. | 1.2 | 131 |
| 2 | A cascade switching superconducting single photon detector. Applied Physics Letters, 2007, 91, . | 3.3 | 108 |
| 3 | Reset dynamics and latching in niobium superconducting nanowire single-photon detectors. Journal of Applied Physics, 2010, 108, 084507. | 2.5 | 88 |
| 4 | Effect of dissipation on thermal activation in an underdamped Josephson junction: First evidence of a transition between different damping regimes. Physical Review Letters, 1988, 60, 844-847. | 7.8 | 58 |
| 5 | Characterization of parallel superconducting nanowire single photon detectors. Superconductor Science and Technology, 2009, 22, 055006. | 3.5 | 47 |
| 6 | 1 mm ultrafast superconducting stripline molecule detector. Applied Physics Letters, 2009, 95, . | 3.3 | 47 |
| 7 | Supercurrent decay in underdamped Josephson junctions: Nonstationary case. Journal of Applied Physics, 1985, 58, 3822-3826. | 2.5 | 43 |
| 8 | Investigation of lowâ€ŧemperaturelâ€Vcurves of highâ€quality Nb/Alâ€AlOx/Nb Josephson junctions. Journal of Applied Physics, 1992, 71, 1888-1892. | 2.5 | 35 |
| 9 | Controlling flux flow dissipation by changing flux pinning in superconducting films. Applied Physics Letters, 2012, 100, . | 3.3 | 35 |
| 10 | A New Fabrication Process of Superconducting Nb Tunnel Junctions with Ultralow Leakage Current for X-Ray Detection. Japanese Journal of Applied Physics, 1993, 32, 4535-4537. | 1.5 | 33 |
| 11 | Subnanosecond time response of large-area superconducting stripline detectors for keV molecular ions. Applied Physics Letters, 2009, 94, . | 3.3 | 33 |
| 12 | High-temperature superconducting nanowires for photon detection. Physica C: Superconductivity and Its Applications, 2015, 509, 16-21. | 1.2 | 30 |
| 13 | Strong critical current density enhancement in NiCu/NbN superconducting nanostripes for optical detection. Applied Physics Letters, 2010, 97, 092504. | 3.3 | 29 |
| 14 | Highly homogeneous YBCO/LSMO nanowires for photoresponse experiments. Superconductor Science and Technology, 2014, 27, 044027. | 3.5 | 29 |
| 15 | The characteristic electron–phonon coupling time of unconventional superconductors and implications for optical detectors. Superconductor Science and Technology, 2005, 18, 1244-1251. | 3.5 | 28 |
| 16 | Control of bulk superconductivity in a BCS superconductor by surface charge doping via electrochemical gating. Physical Review B, 2017, 95, . | 3.2 | 28 |
| 17 | Effects of level quantization on the supercurrent decay in Josephson junctions: The nonstationary case. Physical Review B, 1990, 41, 7341-7344. | 3.2 | 26 |
| 18 | Switching dynamics of Nb/AlOx/Nb Josephson junctions: Measurements for an experiment of macroscopic quantum coherence. Journal of Applied Physics, 1996, 80, 2922-2928. | 2.5 | 26 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Fabrication and test of Superconducting Single Photon Detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 564-566. | 1.6 | 26 |
| 20 | Superconductor to resistive state switching by multiple fluctuation events in NbTiN nanostrips. Scientific Reports, 2019, 9, 8053. | 3.3 | 26 |
| 21 | Thicker, more efficient superconducting strip-line detectors for high throughput macromolecules analysis. Applied Physics Letters, 2011, 98, . | 3.3 | 24 |
| 22 | Observation of dark pulses in 10 nm thick YBCO nanostrips presenting hysteretic current voltage characteristics. Superconductor Science and Technology, 2017, 30, 12LT02. | 3.5 | 24 |
| 23 | Thermal fluctuations in superconductor/ferromagnet nanostripes. Physical Review B, 2015, 92, . | 3.2 | 22 |
| 24 | Timing jitter of cascade switch superconducting nanowire single photon detectors. Applied Physics Letters, 2009, 95, 132503. | 3.3 | 20 |
| 25 | Investigation of subgap structures in high-quality Nb/AlOx/Nb tunnel junctions. Physical Review B, 1994, 49, 429-440. | 3.2 | 19 |
| 26 | Magnetic properties of annular Josephson junctions for radiation detection: Experimental results. Applied Physics Letters, 1999, 74, 3389-3391. | 3.3 | 19 |
| 27 | Maximum count rate of large area superconducting single photon detectors. Journal of Modern Optics, 2009, 56, 390-394. | 1.3 | 19 |
| 28 | Quasiparticle diffusion, edge losses, and back-tunneling in superconducting tunnel junctions under x-ray irradiation. Journal of Applied Physics, 1999, 86, 4580-4587. | 2.5 | 18 |
| 29 | Superconducting Transition Temperature Modulation in NbN via EDL Gating. Journal of Superconductivity and Novel Magnetism, 2016, 29, 587-591. | 1.8 | 18 |
| 30 | Nbâ€based Josephson junction devices for nuclear radiation detection: Design and preliminary experimental results. Journal of Applied Physics, 1994, 75, 5210-5217. | 2.5 | 17 |
| 31 | Annular Josephson junctions as superconductive nuclear particle detectors. Applied Physics Letters, 1997, 70, 1320-1322. | 3.3 | 16 |
| 32 | Effect of intense proton irradiation on properties of Josephson devices. IEEE Transactions on Applied Superconductivity, 1997, 7, 2917-2920. | 1.7 | 15 |
| 33 | Fiske steps in annular Josephson junctions with trapped flux quanta. Physical Review B, 1998, 58, 11685-11691. | 3.2 | 15 |
| 34 | Feasibility Investigation of NbN Nanowires as Detector in Time-of-Flight Mass Spectrometers forÂMacromolecules of Interest in Biology (Proteins). Journal of Low Temperature Physics, 2008, 151, 771-776. | 1.4 | 15 |
| 35 | Superconducting nano-strip particle detectors. Superconductor Science and Technology, 2015, 28, 124004. | 3.5 | 15 |
| 36 | Decay of the running state in underdamped Josephson junctions. Journal of Applied Physics, 1986, 59, 1401-1403. | 2.5 | 14 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A 2 × 2 mm ² superconducting strip-line detector for high-performance time-of-flight mass spectrometry. Superconductor Science and Technology, 2012, 25, 115004. | 3.5 | 14 |
| 38 | Current distribution in a parallel configuration superconducting strip-line detector. Applied Physics Letters, 2013, 103, . | 3.3 | 14 |
| 39 | NanoSQUIDs based on niobium nitride films. Superconductor Science and Technology, 2017, 30, 024009. | 3.5 | 14 |
| 40 | The effective dissipation in Nb/AlOx/Nb Josephson tunnel junctions by return current measurements. Journal of Applied Physics, 1997, 81, 7418-7426. | 2.5 | 12 |
| 41 | Lidar techniques for a SNSPD-based measurement. Journal of Physics: Conference Series, 2019, 1182, 012014. | 0.4 | 12 |
| 42 | Traversal Time as Deduced from Decay Time Measurements in Josephson Junctions. Physica Scripta, 1998, 58, 538-542. | 2.5 | 11 |
| 43 | Fiske resonances in annular Josephson junctions. Physical Review B, 2000, 62, 8683-8686. | 3.2 | 11 |
| 44 | New Fluxon Resonant Mechanism in Annular Josephson Tunnel Structures. Physical Review Letters, 2004, 93, 187001. | 7.8 | 11 |
| 45 | Dynamics of nonequilibrium quasiparticles in a double superconducting tunnel junction detector. Superconductor Science and Technology, 2005, 18, 953-960. | 3.5 | 11 |
| 46 | Time-resolved observation of fast hotspot dynamics in superconducting nanowires. Physical Review B, 2010, 81, . | 3.2 | 11 |
| 47 | The Role of Multiple Fluctuation Events in NbN and NbTiN Superconducting Nanostrip Single-Photon Detectors. Journal of Low Temperature Physics, 2020, 199, 6-11. | 1.4 | 11 |
| 48 | Fraunhofer critical-current diffraction pattern in annular Josephson junctions with injected current. Physical Review B, 2002, 65, . | 3.2 | 10 |
| 49 | Kinetic Inductance Detectors for Mass Spectroscopy. IEEE Transactions on Applied Superconductivity, 2005, 15, 940-943. | 1.7 | 10 |
| 50 | Nano-Strip Three-Terminal Superconducting Device for Cryogenic Detector Readout. IEEE Transactions on Applied Superconductivity, 2011, 21, 717-720. | 1.7 | 10 |
| 51 | Non-linear Flux Flow Resistance of Type-II Superconducting Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 81-87. | 1.8 | 10 |
| 52 | Aspects of thermal activation theory and applications to the Josephson effect. Journal of Applied Physics, 1986, 60, 3243-3246. | 2.5 | 9 |
| 53 | On the magnetic field dependence of the critical current in small irregular polygonal Josephson junctions. Journal of Applied Physics, 1996, 80, 3401-3407. | 2.5 | 9 |
| 54 | Experimental estimation of the hot spot size in Nb-based Josephson tunnel junctions using Abrikosov vortices. Journal of Applied Physics, 1997, 82, 5024-5029. | 2.5 | 9 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Detection of single x-ray photons by an annular superconducting tunnel junction. Applied Physics Letters, 2001, 79, 2103-2105. | 3.3 | 9 |
| 56 | Investigations on particular Josephson devices shedding light on more fundamental issues. Physica C: Superconductivity and Its Applications, 2002, 367, 241-248. | 1.2 | 9 |
| 57 | Large Signal Amplitude and Bias Range of Cascade Switch Superconducting Nanowire Single Photon Detectors. IEEE Transactions on Applied Superconductivity, 2009, 19, 323-326. | 1.7 | 9 |
| 58 | Effect of capacitance onlâ€Vcharacteristics of overdamped Josephson junctions: Classical and quantum limits. Journal of Applied Physics, 1984, 56, 1473-1476. | 2.5 | 8 |
| 59 | Josephson tunnel junctions as fast nuclear particle position detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 370, 110-111. | 1.6 | 8 |
| 60 | Direct measurements of relaxation time scales in Josephson junctions. Solid State Communications, 1996, 97, 439-444. | 1.9 | 8 |
| 61 | Traversal Time in Josephson Junctions. Journal of Superconductivity and Novel Magnetism, 1999, 12, 829-833. | 0.5 | 8 |
| 62 | Superconductive Three-Terminal Amplifier/Discriminator. IEEE Transactions on Applied Superconductivity, 2009, 19, 367-370. | 1.7 | 8 |
| 63 | Experimental evidence of photoinduced vortex crossing in current carrying superconducting strips. Physical Review B, 2015, 92, . | 3.2 | 8 |
| 64 | Demonstration of Single Photon Detection in Amorphous Molybdenum Silicide / Aluminium Superconducting Nanostrip. IEEE Instrumentation and Measurement Magazine, 2021, 24, 69-74. | 1.6 | 8 |
| 65 | Observation of subgap structures in high-quality Nb/Al-AlOx/Nb Josephson tunnel junctions. Journal of Superconductivity and Novel Magnetism, 1992, 5, 451-455. | 0.5 | 7 |
| 66 | Radiation Hardness of Josephson Devices. Japanese Journal of Applied Physics, 1998, 37, 40. | 1.5 | 7 |
| 67 | Quasiparticle diffusion and edge losses in superconducting tunnel junction detectors with two active electrodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 15-18. | 1.6 | 7 |
| 68 | Large area single photon detectors based on parallel configuration NbN nanowires. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2012, 30, . | 1.2 | 7 |
| 69 | Influence of a NbN overlayer on Nb/Al–AlOx/Nb high quality Josephson tunnel junctions for xâ€ray detection. Applied Physics Letters, 1995, 67, 3340-3342. | 3.3 | 6 |
| 70 | Fast Josephson cryodetector for time of flight mass spectrometry. Physica C: Superconductivity and Its Applications, 2002, 372-376, 423-426. | 1.2 | 6 |
| 71 | Josephson device for simultaneous time and energy detection. Applied Physics Letters, 2003, 82, 2109-2111. | 3.3 | 6 |
| 72 | X-ray energy spectrum measurements by an annular superconducting tunnel junction with trapped magnetic flux quanta. Applied Physics Letters, 2004, 84, 5464-5466. | 3.3 | 6 |

| # | Article | lF | CITATIONS |
|----|---|-----|-----------|
| 73 | Characterization of superconducting pulse discriminators based on parallel NbN nanostriplines. Superconductor Science and Technology, 2011, 24, 035018. | 3.5 | 6 |
| 74 | Proposal for a Nanoscale Superconductive Memory. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4. | 1.7 | 6 |
| 75 | Parallel superconducting strip-line detectors: reset behaviour in the single-strip switch regime. Superconductor Science and Technology, 2014, 27, 044029. | 3.5 | 6 |
| 76 | X-ray detection by Nb STJs above 1.4 K. Journal of Low Temperature Physics, 1993, 93, 691-696. | 1.4 | 5 |
| 77 | Progress in fabrication of high quality tantalum film absorber for STJ radiation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 243-245. | 1.6 | 5 |
| 78 | Compositional Analysis by a Superconductor-Based Energy Dispersive Spectrometer. IEEE Transactions on Applied Superconductivity, 2007, 17, 625-628. | 1.7 | 5 |
| 79 | Superconducting Molecule Detectors Overcoming Fundamental Limits of Conventional Mass Spectrometry. Journal of Low Temperature Physics, 2012, 167, 943-948. | 1.4 | 5 |
| 80 | Ultrathin superconducting NbRe microstrips with hysteretic voltage-current characteristic. Low Temperature Physics, 2020, 46, 379-382. | 0.6 | 5 |
| 81 | Large Area SNSPD for Lidar Measurements in the Infrared. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4. | 1.7 | 5 |
| 82 | Tunneling characteristics of Pb-CdS-Pb light-sensitive Josephson junctions. IEEE Transactions on Magnetics, 1983, 19, 983-986. | 2.1 | 4 |
| 83 | Decay of the running state in Josephson junctions: Preliminary experimental results. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 133, 347-352. | 2.1 | 4 |
| 84 | Two-particle tunneling current in Josephson junctions. Journal of Low Temperature Physics, 1995, 99, 81-105. | 1.4 | 4 |
| 85 | The role of the geometry in superconducting tunnel junction detectors. Superconductor Science and Technology, 2000, 13, 542-545. | 3.5 | 4 |
| 86 | Reverse switching current distributions in underdamped Josephson junctions. IEEE Transactions on Magnetics, 1987, 23, 771-774. | 2.1 | 3 |
| 87 | BCS quasi-particle tunnelling current in Josephson tunnel junctions. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1992, 14, 395-410. | 0.4 | 3 |
| 88 | Nonequilibrium superconducting detectors. Superconductor Science and Technology, 2006, 19, S152-S159. | 3.5 | 3 |
| 89 | Superconducting nano-striplines as quantum detectors. Journal of Nanoparticle Research, 2011, 13, 6121-6131. | 1.9 | 3 |
| 90 | Parallel Superconducting Strip-Line Detectors for Time-of-flight Mass Spectrometry. Journal of Low Temperature Physics, 2012, 167, 979-984. | 1.4 | 3 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Integrated Joule switches for the control of current dynamics in parallel superconducting strips. Superconductor Science and Technology, 2018, 31, 06LT01. | 3.5 | 3 |
| 92 | Effect of Quantum Fluctuations onlâ^'VCurves of Overdamped Josephson Junctions. Physical Review Letters, 1985, 54, 157-157. | 7.8 | 2 |
| 93 | Aspects of dissipation effects in experiments on macroscopic quantum tunnelling in Josephson junctions. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1989, 11, 187-199. | 0.4 | 2 |
| 94 | Experimental results on the metastability of the resistive state in Josephson junctions. IEEE Transactions on Magnetics, 1989, 25, 1416-1419. | 2.1 | 2 |
| 95 | Aluminum Superconducting Tunnel Junction as X-ray detector: Technological aspects and phonon decoupling from the substrate. , 2002, , . | | 2 |
| 96 | Dynamical states in annular Josephson junctions: Amplitude dependence of zero field steps on the magnetic field. Physica C: Superconductivity and Its Applications, 2002, 372-376, 42-45. | 1.2 | 2 |
| 97 | Annular superconducting tunnel junction with injected current as a new configuration of radiation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 240-242. | 1.6 | 2 |
| 98 | Dual-detector for simultaneous time and energy measurements with superconductive detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 41-43. | 1.6 | 2 |
| 99 | Operation of superconducting nano-stripline detector (SSLD) mounted on cryogen-free cryostat. Physics Procedia, 2012, 27, 356-359. | 1.2 | 2 |
| 100 | Characterization of Superconducting Thin Films and nanoSQUIDs for Nanoparticle Investigation at High Magnetic Field. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5. | 1.7 | 2 |
| 101 | Superconductor/Ferromagnet Nanowires for Optical Photon Detection. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4. | 1.7 | 2 |
| 102 | Phase-Slip Phenomena in Proximitized NbN/NiCu Superconducting Nanostripes. Journal of Superconductivity and Novel Magnetism, 2017, 30, 3403-3407. | 1.8 | 2 |
| 103 | Some Aspects of Self-Field Effects in Large Vanadium-Based Josephson Junctions. Physica Scripta, 1984, 29, 257-258. | 2.5 | 1 |
| 104 | High quality Nb-based junctions for superconductive detectors. Nuclear Physics, Section B, Proceedings Supplements, 1993, 32, 300-306. | 0.4 | 1 |
| 105 | High-resolution energy spectroscopy and superconductive Tunnel Junction. Il Nuovo Cimento Della Società Italiana Di Fisica C, 1993, 16, 735-742. | 0.2 | 1 |
| 106 | Set up of a nuclear radiation experiment with superconducting tunnel junctions in a compact3He cryostat. Cryogenics, 1994, 34, 243-246. | 1.7 | 1 |
| 107 | X ray response of STJs detectors with different trapping layers: Preliminary results. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 682-687. | 0.4 | 1 |
| 108 | Sidelobe suppression in arbitrarity shaped quadrangle Josephson junctions. Journal of Low Temperature Physics, 1997, 106, 359-364. | 1.4 | 1 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Proton damage on Nb-based Josephson junctions. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1397-1404. | 0.4 | 1 |
| 110 | Development of radiation-hard particle detectors using Josephson tunnel junctions. Nuclear Physics, Section B, Proceedings Supplements, 1998, 61, 570-575. | 0.4 | 1 |
| 111 | Abrikosov Monopole Vortices and Their Images in a Circular Josephson Tunnel Junction. International Journal of Modern Physics B, 1999, 13, 1265-1270. | 2.0 | 1 |
| 112 | Annular Josephson junctions for radiation detection: fabrication and investigation of the magnetic behaviour. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 476-479. | 1.6 | 1 |
| 113 | Annular superconducting tunnel junction detectors: Experimental results under X-ray illumination. , 2002, , . | | 1 |
| 114 | Recent achievements on annular Josephson structures and their application as radiation detectors. Physica C: Superconductivity and Its Applications, 2006, 435, 118-124. | 1.2 | 1 |
| 115 | Static and dynamic properties of annular Josephson junctions with injected current. Physical Review B, 2006, 73, . | 3.2 | 1 |
| 116 | Experimental characterization of NbN nanowire optical detectors with parallel stripline configuration. Journal of Physics: Conference Series, 2008, 97, 012265. | 0.4 | 1 |
| 117 | Superconducting single photon detectors based on multiple cascade switches of parallel NbN nanowires. , 2011, , . | | 1 |
| 118 | Dark counts in superconducting single-photon NbN/NiCu detectors. , 2015, , . | | 1 |
| 119 | Investigation of dark counts in innovative materials for superconducting nanowire single-photon detector applications. , 2017, , . | | 1 |
| 120 | Dark counts double switching rates in NbTiN Superconducting Nanowire Single Photon Detectors. Journal of Physics: Conference Series, 2020, 1559, 012016. | 0.4 | 1 |
| 121 | Properties of Cascade Switch Superconducting Nanowire Single Photon Detectors. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 150-157. | 0.3 | 1 |
| 122 | X-ray response of Nb-based superconducting tunnel junction. European Physical Journal Special Topics, 1998, 08, Pr3-275-Pr3-278. | 0.2 | 1 |
| 123 | Role of Special Junction Configurations in the Detection Performances. Japanese Journal of Applied Physics, 1998, 37, 31. | 1.5 | 1 |
| 124 | Aspects of the temperature dependence of the maximum supercurrent in vanadium-based Josephson junctions. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 108, 989-990. | 0.9 | 0 |
| 125 | Sweep rate effects and quantum energy levels in Josephson junctions. Physica B: Condensed Matter, 1990, 165-166, 947-948. | 2.7 | 0 |
| 126 | Two-particle structures in high quality Nb/AlOx/Nb Josephson tunnel junctions. Physica B: Condensed Matter, 1994, 194-196, 1681-1682. | 2.7 | 0 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Estimation of α-particle induced hot spot size in Nb film using Abrikosov vortices. European Physical Journal D, 1996, 46, 2881-2882. | 0.4 | 0 |
| 128 | Investigation of Fiske steps of a josephson tunnel junction with trapped Abrikosov vortices. European Physical Journal D, 1996, 46, 685-686. | 0.4 | 0 |
| 129 | X-ray response of STJ detectors using NbN absorbing layers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 370, 95-97. | 1.6 | 0 |
| 130 | Fabrication of high-quality Josephson junctions for applications as particle detectors. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1405-1409. | 0.4 | 0 |
| 131 | A hotspot size estimate technique by using Abrikosov vortices in Josephson tunnel junctions. Applied Superconductivity, 1998, 6, 331-335. | 0.5 | 0 |
| 132 | Effects of Quasiparticle Diffusion in Nb-Based Superconducting Tunnel Junctions Under X-Rays Irradiation. International Journal of Modern Physics B, 1999, 13, 1247-1252. | 2.0 | 0 |
| 133 | SOME ASPECTS OF SUPERCONDUCTIVE JUNCTION RADIATION DETECTORS. , 2000, , . | | 0 |
| 134 | A double junction superconductive detector based on a single material. Journal of Physics: Conference Series, 2006, 43, 1307-1310. | 0.4 | 0 |
| 135 | Advanced superconducting optical detectors. Journal of Physics: Conference Series, 2006, 43, 1338-1341. | 0.4 | 0 |
| 136 | Injection-Detection Experiments in All Aluminum 1-D Imaging Spectrometers Based on Superconducting Tunnel Junctions. IEEE Transactions on Applied Superconductivity, 2007, 17, 302-305. | 1.7 | 0 |
| 137 | Parallel Configuration For Fast Superconducting Strip Line Detectors With Very Large Area In Time Of Flight Mass Spectrometry. , 2009, , . | | 0 |
| 138 | Photoresponse experiments on NbN proximized nanostructures. Journal of Physics: Conference Series, 2010, 234, 042027. | 0.4 | 0 |
| 139 | Superconducting single photon detectors based on parallel NbN nanowires. Proceedings of SPIE, 2011, | 0.8 | 0 |
| 140 | Proximitized NbN/NiCu nanostripes as new promising superconducting single-photon detectors. Proceedings of SPIE, 2013, , . | 0.8 | 0 |
| 141 | Y-Ba-Cu-O nanostripes for optical photon detection. , 2015, , . | | 0 |
| 142 | SNSPD with parallel nanowires (Conference Presentation). , 2017, , . | | 0 |
| 143 | 2017 16th International Superconductive Electronics Conference (ISEC). IEEE Transactions on Applied Superconductivity, 2018, 28, 1-2. | 1.7 | 0 |
| 144 | Progress towards innovative and energy efficient logic circuits. Journal of Physics: Conference Series, 2020, 1559, 012009. | 0.4 | 0 |

| # | Article | IF | CITATIONS |
|-----|---|----|-----------|
| 145 | THERMAL AND QUANTUM NOISE IN OVERDAMPED JOSEPHSON JUNCTIONS. , 1986, , 289-292. | | 0 |