

# Davide Vaccaro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1414228/publications.pdf>

Version: 2024-02-01

12  
papers

98  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Crosstalk of X-Ray Transition-Edge Sensor Micro-Calorimeters Under Frequency Domain Multiplexing Readout. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.7	4
2	Small Size Transition-Edge Sensors for Future X-Ray Applications. Journal of Low Temperature Physics, 2022, 209, 256-262.	1.4	3
3	ATHENA X-IFU Demonstration Model: First Joint Operation of the Main TES Array and its Cryogenic AntiCoincidence Detector (CryoAC). Journal of Low Temperature Physics, 2022, 209, 433-440.	1.4	10
4	Performance and uniformity of a kilo-pixel array of Ti/Au transition-edge sensor microcalorimeters. Review of Scientific Instruments, 2021, 92, 023101.	1.3	10
5	Frequency shift algorithm: Application to a frequency-domain multiplexing readout of x-ray transition-edge sensor microcalorimeters. Review of Scientific Instruments, 2021, 92, 033103.	1.3	6
6	Frequency shift algorithm: Design of a baseband phase locked loop for frequency-domain multiplexing readout of x-ray transition-edge sensor microcalorimeters. Review of Scientific Instruments, 2021, 92, 073101.	1.3	4
7	Single Pixel Performance of a 32 Å— 32 Ti/Au TES Array With Broadband X-Ray Spectra. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
8	Ti/Au TES 32 Å— 32 Pixel Array: Uniformity, Thermal Crosstalk and Performance at Different X-Ray Energies. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
9	Impact of the Absorber-Coupling Design for Transition-Edge-Sensor X-Ray Calorimeters. Physical Review Applied, 2021, 16, .	3.8	4
10	Demonstration of MHz frequency domain multiplexing readout of 37 transition edge sensors for high-resolution x-ray imaging spectrometers. Applied Physics Letters, 2021, 119, .	3.3	14
11	Progress Report on the Large-Scale Polarization Explorer. Journal of Low Temperature Physics, 2020, 200, 374-383.	1.4	16
12	High aspect ratio transition edge sensors for x-ray spectrometry. Journal of Applied Physics, 2020, 128, .	2.5	20