

Giuseppe Cautero

List of Publications by Year in descending order

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933447

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times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchrotron Radiation Study of Gain, Noise, and Collection Efficiency of GaAs SAM-APDs with Staircase Structure. <i>Sensors</i> , 2022, 22, 4598.	3.8	1
2	Characterization of the Percival detector with soft X-rays. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 131-145.	2.4	12
3	A UHV MOKE magnetometer complementing XMCD-PEEM at the Elettra Synchrotron. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 995-1005.	2.4	1
4	A novel free-electron laser single-pulse Wollaston polarimeter for magneto-dynamical studies. <i>Structural Dynamics</i> , 2021, 8, 034304.	2.3	6
5	Trace-element XAFS sensitivity: a stress test for a new XRF multi-detector. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1811-1819.	2.4	5
6	Photoionization Dynamics of the Tetraoxo Complexes OsO ₄ and RuO ₄ . <i>Inorganic Chemistry</i> , 2020, 59, 7274-7282.	4.0	2
7	Visible pump-mid infrared pump-broadband probe: Development and characterization of a three-pulse setup for single-shot ultrafast spectroscopy at 50 kHz. <i>Review of Scientific Instruments</i> , 2020, 91, 073106.	1.3	4
8	Experimental and Theoretical Photoemission Study of Indole and Its Derivatives in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4115-4127.	2.5	19
9	Detectors for present and future light sources at Elettra. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	6
10	Investigation of the behaviour of GaAs/AlGaAs SAM-APDs for synchrotron radiation. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
11	The new FAST module: A portable and transparent add-on module for time-resolved investigations with commercial scanning probe microscopes. <i>Ultramicroscopy</i> , 2019, 205, 49-56.	1.9	16
12	Percival: A soft x-ray imager for synchrotron rings and free electron lasers. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	6
13	Fast beam monitor diamond-based devices for VUV and X-ray synchrotron radiation applications. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 386-392.	2.4	2
14	An Improved Random Path Length Algorithm for p-i-n and Staircase Avalanche Photodiodes. , 2018, , .		3
15	Towards a multi-element silicon drift detector system for fluorescence spectroscopy in the soft X-ray regime. <i>X-Ray Spectrometry</i> , 2017, 46, 313-318.	1.4	26
16	Pump-probe experiments at the TEMPO beamline using the low- λ operation mode of Synchrotron SOLEIL. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 886-897.	2.4	18
17	A novel approach in the free-electron laser diagnosis based on a pixelated phosphor detector. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 29-34.	2.4	4
18	A new detector system for low energy X-ray fluorescence coupled with soft X-ray microscopy: First tests and characterization. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 816, 113-118.	1.6	12

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19	First results of a novel Silicon Drift Detector array designed for low energy X-ray fluorescence spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 452-454.	1.6	7
20	Detector developments at DESY. Journal of Synchrotron Radiation, 2016, 23, 111-117.	2.4	10
21	The Low Density Matter (LDM) beamline at FERMI: optical layout and first commissioning. Journal of Synchrotron Radiation, 2015, 22, 538-543.	2.4	46
22	The <i>FAST</i> module: An add-on unit for driving commercial scanning probe microscopes at video rate and beyond. Review of Scientific Instruments, 2011, 82, 053702.	1.3	26
23	Angle-resolved photoemission spectroscopy and imaging with a submicrometre probe at the SPECTROMICROSCOPY-3.2L beamline of Elettra. Journal of Synchrotron Radiation, 2010, 17, 445-450.	2.4	124