Enrico Perelli Cippo

List of Publications by Year
in descending order

28 papers	591 citations	516710 16 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	599 citing authors

#	Article	IF	Citations
1	Thermo-mechanical assessment of the JT-60SA fast-ion loss detector. Fusion Engineering and Design, 2021, 167, 112304.	1.9	4
2	From tiny gold filigrees to majestic iron tie rods: Neutron facilities for the benefit of cultural heritage. European Physical Journal Plus, 2018, 133, 1.	2.6	1
3	A neutron study of sealed pottery from the grave-goods of Kha and Merit. Journal of Analytical Atomic Spectrometry, 2017, 32, 1342-1347.	3.0	14
4	Dust characterization in FTU tokamak. Journal of Nuclear Materials, 2015, 463, 847-850.	2.7	16
5	Measurements of gamma-ray background spectra at spallation neutron source beamlines. Journal of Analytical Atomic Spectrometry, 2014, 29, 1897-1903.	3.0	19
6	Diffraction measurements with a boron-based GEM neutron detector. Europhysics Letters, 2014, 107, 12001.	2.0	16
7	Response of a single-crystal diamond detector to fast neutrons. Journal of Instrumentation, 2013, 8, P10007-P10007.	1.2	34
8	nGEM fast neutron detectors for beam diagnostics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 720, 144-148.	1.6	35
9	A neutron diagnostic for high current deuterium beams. Review of Scientific Instruments, 2012, 83, 02B721.	1.3	9
10	A new GEM based neutron diagnostic concept for high flux neutron beams. , 2012, , .		0
11	Diamond detector for high rate monitors of fast neutrons beams. , 2012, , .		3
12	Diamond detectors for fast neutron measurements at pulsed spallation sources. Journal of Instrumentation, 2012, 7, C05015-C05015.	1.2	28
13	nGEM neutron diagnostic concept for high power deuterium beams. Journal of Instrumentation, 2012, 7, C03010-C03010.	1.2	33
14	Triple GEM gas detectors as real time fast neutron beam monitors for spallation neutron sources. Journal of Instrumentation, 2012, 7, P07021-P07021.	1.2	39
15	Neutron resonance spectroscopy for the characterization of materials and objects. Journal of Instrumentation, 2012, 7, C03009-C03009.	1.2	42
16	Integrated X-ray and neutron-based analysis of bronze artefacts from the Ligurian settlement of Guardamonte-Monte Vallassa. Journal of Analytical Atomic Spectrometry, 2011, 26, 1024.	3.0	7
17	Diamond detectors for fast neutron irradiation experiments. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 242-246.	0.4	17
18	Fission diamond detector tests at the ISIS spallation neutron source. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 313-315.	0.4	22

#	Article	IF	Citations
19	Spectral Broadening of Characteristicî³-Ray Emission Peaks fromC12(He3,pî³)N14Reactions in Fusion Plasmas. Physical Review Letters, 2011, 107, 205002.	7.8	60
20	Investigation of Residual Stress Distribution of Wheel Rims Using Neutron Diffraction. Materials Science Forum, 2011, 681, 522-526.	0.3	2
21	Fission diamond detectors for fast-neutron ToF spectroscopy. Europhysics Letters, 2011, 94, 62001.	2.0	33
22	Single-crystal diamond detector for time-resolved measurements of a pulsed fast-neutron beam. Europhysics Letters, 2010, 92, 68003.	2.0	39
23	A detector system for neutron resonance capture imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 693-698.	1.6	6
24	Energy resolution of gamma-ray spectroscopy of JET plasmas with a LaBr3 scintillator detector and digital data acquisition. Review of Scientific Instruments, 2010, 81, 10D321.	1.3	62
25	-Ray background sources in the VESUVIO spectrometer at ISIS spallation neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 121-124.	1.6	19
26	A new position-sensitive transmission detector for epithermal neutron imaging. Journal Physics D: Applied Physics, 2009, 42, 152003.	2.8	22
27	The very low angle detector for high-energy inelastic neutron scattering on the VESUVIO spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 589, 296-303.	1.6	4
28	Advances on detectors for low-angle scattering of epithermal neutrons. Measurement Science and Technology, 2008, 19, 047001.	2.6	5