

# Aneta Malinowska

## List of Publications by Year in descending order

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32  
papers

286  
citations

1163117

8  
h-index

888059

17  
g-index

32  
all docs

32  
docs citations

32  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron-Proton Nuclear-Fusion Enhancement Induced in Boron-Doped Silicon Targets by Low-Contrast Pulsed Laser. <i>Physical Review X</i> , 2014, 4, .	8.9	84
2	Advanced scheme for high-yield laser driven nuclear reactions. <i>Plasma Physics and Controlled Fusion</i> , 2015, 57, 014030.	2.1	51
3	Formation and role of filaments in high-current discharges of the pinch type. <i>European Physical Journal D</i> , 2006, 56, B364-B370.	0.4	16
4	Measurement of fusion-reaction protons in TEXTOR tokamak plasma by means of solid-state nuclear track detectors of the CR-39/PM-355 type. <i>Radiation Measurements</i> , 2008, 43, S290-S294.	1.4	14
5	Measurements of fusion-produced protons by means of SSNTDs. <i>Radiation Measurements</i> , 2008, 43, S295-S298.	1.4	13
6	Investigations of protons passing through the CR-39/PM-355 type of solid state nuclear track detectors. <i>Review of Scientific Instruments</i> , 2013, 84, 073511.	1.3	13
7	Calibration of new batches and a study of applications of nuclear track detectors under the harsh conditions of nuclear fusion experiments. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2012, 281, 56-63.	1.4	12
8	Calibration studies and the application of nuclear track detectors to the detection of charged particles. <i>Radiation Measurements</i> , 2013, 50, 258-260.	1.4	11
9	Application of nuclear track detectors as sensors for photoneutrons generated by medical accelerators. <i>Radiation Measurements</i> , 2013, 50, 74-77.	1.4	9
10	Measurements of ion micro-beams in RPI-type discharges and fusion protons in PF-1000 experiments. <i>Physica Scripta</i> , 2006, T123, 104-111.	2.5	6
11	Deposition and optimization of thin lead layers for superconducting accelerator photocathodes. <i>Physica Scripta</i> , 2014, T161, 014071.	2.5	6
12	Acceleration of protons in plasma produced from a thin plastic or aluminum target by a femtosecond laser. <i>Journal of Instrumentation</i> , 2016, 11, C05017-C05017.	1.2	6
13	Calibration of PM-355 nuclear track detector: For C-ions within the energy range 70â€“90ÂMeV. <i>Radiation Measurements</i> , 2009, 44, 798-801.	1.4	5
14	Influence of high temperature on solid state nuclear track detector parameters. <i>Review of Scientific Instruments</i> , 2012, 83, 093502.	1.3	5
15	Time-integrated measurements of fusion-produced protons emitted from PF-facilities. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	4
16	Investigation of fusion-reaction protons from PF-discharges. <i>European Physical Journal D</i> , 2006, 56, B303-B308.	0.4	4
17	Assessment of 14 MeV DT neutron generator emission with activation and particle track methods. <i>Fusion Engineering and Design</i> , 2019, 146, 1060-1063.	1.9	4
18	Recent Results of MJ Plasma-Focus Experiment. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	3

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19	Experimental Studies of Fast Protons Originated from Fusion Reactions in Plasma-Focus Discharges. AIP Conference Proceedings, 2008, , .	0.4	3
20	Influence of intense soft X-ray radiation on the parameters of tracks induced in CR-39 and PM-355 solid state nuclear track detectors. Radiation Measurements, 2015, 83, 26-30.	1.4	3
21	Change in the sensitivity of PM-355 track detectors for protons after long-term storage. Radiation Measurements, 2016, 93, 55-59.	1.4	3
22	Fabrication of advanced targets for laser driven nuclear fusion reactions through standard microelectronics technology approaches. Journal of Instrumentation, 2017, 12, P10001-P10001.	1.2	3
23	Charged projectile spectrometry using solid-state nuclear track detector of the PM-355 type. Nukleonika, 2015, 60, 591-596.	0.8	3
24	Correlation of Radiation and Electron and Neutron Signals at PF-1000. AIP Conference Proceedings, 2006, , .	0.4	2
25	Application of SSNTDs for measurements of fusion reaction products in high-temperature plasma experiments. Radiation Measurements, 2009, 44, 878-880.	1.4	2
26	Dosimetry in radiobiological studies with the heavy ion beam of the Warsaw cyclotron. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 404-408.	1.4	1
27	Comparative Analysis of Changes in Optical- and Constructive-Materials Irradiated by Powerful Plasma-Ion Streams Generated within RPI- and PF-Devices. AIP Conference Proceedings, 2006, , .	0.4	0
28	Fusion-reaction protons measurements within TEXTOR by means of solid-state nuclear track detectors. European Physical Journal D, 2006, 56, B156-B161.	0.4	0
29	Application of Solid State Nuclear Track Detectors in TEXTOR Experiment for Measurements of Fusion-Reaction Protons. AIP Conference Proceedings, 2008, , .	0.4	0
30	Advanced scheme for high-yield laser driven proton-boron fusion reaction. , 2015, , .		0
31	Application of track detectors to measure neutrons emitted from a 14 MeV neutron generator. Radiation Measurements, 2018, 119, 170-173.	1.4	0
32	Dielectric track detectors in fast neutron measurements and dosimetry. Radiation Measurements, 2020, 138, 106434.	1.4	0