

Nicola Pomaro

List of Publications by Year in descending order

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papers

371
citations

1040056

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19
g-index

25
all docs

25
docs citations

25
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the realization of the PRIMA neutral beam test facility. Nuclear Fusion, 2015, 55, 083025.	3.5	98
2	Diagnostics of the ITER neutral beam test facility. Review of Scientific Instruments, 2012, 83, 02B103.	1.3	55
3	The European contribution to the development of the ITER NB injector. Fusion Engineering and Design, 2011, 86, 860-863.	1.9	37
4	Caesium oven design and R&D for the SPIDER beam source. Fusion Engineering and Design, 2013, 88, 1007-1010.	1.9	25
5	Status of PRIMA, the test facility for ITER neutral beam injectors. AIP Conference Proceedings, 2013, , .	0.4	24
6	Overview of the RFX-mod fusion science programme. Nuclear Fusion, 2013, 53, 104018.	3.5	17
7	The thermal measurement system for the SPIDER beam source. Fusion Engineering and Design, 2011, 86, 1328-1331.	1.9	11
8	Design of a new electromagnetic diagnostic for RFX. Fusion Engineering and Design, 2003, 66-68, 871-876.	1.9	10
9	Design and R&D of Thermal Sensors for ITER Neutral Beam Injectors. IEEE Transactions on Plasma Science, 2014, 42, 610-615.	1.3	10
10	Design and specifications of the diagnostics for the instrumented calorimeter of Source for the Production of Ions of Deuterium Extracted from Radio frequency plasma. Review of Scientific Instruments, 2012, 83, 02B724.	1.3	9
11	Design of the interlock and protection system for the SPIDER experiment. Fusion Engineering and Design, 2013, 88, 980-984.	1.9	9
12	The diagnostic system of the neutral beam injectors for ITER heating and current drive. Review of Scientific Instruments, 2008, 79, 10F307.	1.3	8
13	Realization of a first series of single channel prototypes for the SPIDER grids. Fusion Engineering and Design, 2011, 86, 896-900.	1.9	8
14	Design and Test of a Thermal Measurement System Prototype for SPIDER Experiment. IEEE Transactions on Plasma Science, 2014, 42, 1971-1976.	1.3	8
15	Electrostatic sensors for SPIDER experiment: Design, manufacture of prototypes, and first tests. Review of Scientific Instruments, 2014, 85, 02A715.	1.3	7
16	Optical Transmission of Thermal Measurements From High Voltage Devices in High Vacuum Conditions. IEEE Transactions on Plasma Science, 2012, 40, 724-729.	1.3	5
17	Modeling and analysis of breakdown EMI protection for MITICA insulation and embedded diagnostics. Fusion Engineering and Design, 2013, 88, 908-912.	1.9	5
18	Analysis of breakdown on thermal and electrical measurements for SPIDER accelerating grids. Fusion Engineering and Design, 2011, 86, 929-933.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Thermal and electrostatic simulations of the diagnostic calorimeter for the Source for Production of Ion of Deuterium Extracted from RF plasma beam. Review of Scientific Instruments, 2012, 83, 02B725.	1.3	4
20	Langmuir probes for SPIDER (source for the production of ions of deuterium extracted from radio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Scientific Instruments, 2014, 85, 11D832.	1.3	4
21	Implementation of the SPIDER central interlock. Fusion Engineering and Design, 2017, 123, 990-994.	1.9	4
22	Progress in the design of MITICA control and interlock systems. Fusion Engineering and Design, 2019, 146, 1528-1532.	1.9	4
23	Design of remote handling, nuclear and vacuum compatible connectors for mineral insulated thermocouples of ITER neutral beam injectors. Fusion Engineering and Design, 2018, 136, 1191-1195.	1.9	3
24	Plant integration of MITICA and SPIDER experiments with auxiliary plants and buildings on PRIMA site. Fusion Engineering and Design, 2015, 96-97, 257-260.	1.9	2
25	The earthing system of the PRIMA Neutral Beam Test Facility based on the Mesh Common Bonding Network topology. Fusion Engineering and Design, 2015, 96-97, 334-337.	1.9	0