

Marco Duarte Naia

List of Publications by Year in descending order

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papers

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1040056

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23
all docs

23
docs citations

23
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacancy-hydrogen interaction in H-implanted Si studied by positron annihilation. Physical Review B, 1994, 49, 7271-7280.	3.2	38
2	Positron mobility in polyethylene in the 60?400 K temperature range. Applied Physics A: Materials Science and Processing, 1995, 60, 447-453.	2.3	31
3	AN ANALYTICAL STUDY OF THE TRANSIENT MOTION OF A DENSE RIGID SPHERE IN AN INCOMPRESSIBLE NEWTONIAN FLUID. Chemical Engineering Communications, 1998, 168, 45-58.	2.6	27
4	A Pulsed Positron Microbeam. Europhysics Letters, 1995, 29, 617-622.	2.0	25
5	Modification of the $\hat{1}\pm$ -Fe surface using a low energy high current electron beam. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 175, 433-440.	2.1	18
6	Cyclotron Production of Unconventional Radionuclides for PET Imaging: the Example of Titanium-45 and Its Applications. Instruments, 2018, 2, 8.	1.8	15
7	Effect of low level contamination on TiAl alloys studied by SIMS. Applied Surface Science, 2004, 231-232, 854-858.	6.1	12
8	Numerical investigation of effects of buoyancy around a heated circular cylinder in parallel and contra flow. Journal of Mechanical Science and Technology, 2012, 26, 1501-1513.	1.5	11
9	The MÃ¼nchen scanning positron microscope. Applied Surface Science, 1997, 116, 108-113.	6.1	10
10	Improvements in the Acquisition and Analysis of Doppler-Broadening Annihilation Spectra. Materials Science Forum, 1992, 105-110, 1853-1856.	0.3	6
11	Counting-rate-dependence of the S parameter in Doppler-broadening positron annihilation measurements. Measurement Science and Technology, 1994, 5, 61-64.	2.6	6
12	Influence of the a-Si:H structural defects studied by positron annihilation on the solar cells characteristics. Thin Solid Films, 2002, 403-404, 539-542.	1.8	4
13	Positron Mobility in Polyethylene. Materials Science Forum, 1995, 175-178, 655-658.	0.3	3
14	Depth Profiling of Defects in He Implanted SiO ₂ . Acta Physica Polonica A, 2008, 113, 1447-1453.	0.5	3
15	Characterisation of Ti/Al Multilayered Structures with Slow Positron Beams Applying a Simplified Positron Depth Distribution Model. Materials Science Forum, 2010, 636-637, 1097-1101.	0.3	2
16	Near-Surface Studies on Low-Energy Ion Irradiated Ni Using a Positron Beam. Materials Science Forum, 2004, 455-456, 623-626.	0.3	1
17	Positron annihilation lifetime spectroscopy study on epoxy moisture absorption. Journal of Physics: Conference Series, 2013, 443, 012055.	0.4	1
18	Integration and testing of the GRAVITY infrared camera for multiple telescope optical beam analysis. Proceedings of SPIE, 2014, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Study of Defects in Hydrogenated Amorphous Silicon by Constant Photocurrent Method and Positron Annihilation. Materials Research Society Symposia Proceedings, 2001, 664, 2251.	0.1	0
20	Role of the RF Power on the Structure of Defects in a-Si:H Films Produced by PECVD. Materials Science Forum, 2001, 363-365, 454-456.	0.3	0
21	Positron Annihilation Studies in Amorphous Silicon Nitride. Materials Science Forum, 2004, 445-446, 90-92.	0.3	0
22	Sub-Surface Defects Induced by Low Energy Ar ⁺ Sputtering of Silver. Materials Science Forum, 2006, 514-516, 1608-1612.	0.3	0
23	Epoxide Moisture Absorption Studied by Positron Lifetime Spectroscopy. Materials Science Forum, 0, 730-732, 988-993.	0.3	0