

# Janusz Chrzanowski

## List of Publications by Year in descending order

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26  
papers

67  
citations

1937685

4  
h-index

1720034

7  
g-index

26  
all docs

26  
docs citations

26  
times ranked

34  
citing authors

#	ARTICLE	IF	CITATIONS
1	The electret effect in polar molecule condensates in the temperature range 90â€“230 K. Thin Solid Films, 1981, 79, 101-111.	1.8	15
2	Precise, semi-empirical equation for the work function. Applied Surface Science, 2018, 461, 83-87.	6.1	9
3	Electric charge in binary mixtures of non-polar molecules cryocondensed at low temperatures. Thin Solid Films, 1980, 71, 47-51.	1.8	5
4	Two approaches to plasma polarimetry: Angular variables technique and Stokes vector formalism. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 720, 157-159.	1.6	5
5	Thermally stimulated surface currents in CH3OH cryocondensates near the polymorphic phase transformation. Thin Solid Films, 1983, 101, 123-130.	1.8	4
6	Some corrections to the Thomasâ€™Fermi theory. Chinese Physics B, 2013, 22, 087101.	1.4	4
7	Electron chemical potential in the context of unconventional quantum model. Applied Surface Science, 2018, 461, 78-82.	6.1	4
8	New technique in plasma polarimetry: Evolution equations for angular parameters â€™amplitude ratioâ€™phase differenceâ€™ of polarization ellipse. Journal of Plasma Physics, 2012, 78, 87-91.	2.1	3
9	Main Physical Factors Limiting the Accuracy of Polarimetric Measurements in Tokamak Plasma. Physics Procedia, 2015, 62, 107-112.	1.2	3
10	Thickness dependence of the work function in case of ultra-thin metallic layers. Applied Surface Science, 2021, 540, 148363.	6.1	3
11	Electric charge generation in benzene-water mixtures during condensation at low temperatures. Thin Solid Films, 1983, 103, 417-421.	1.8	2
12	Quasi-Isotropic Approximation of Geometrical Optics Method as Adequate Electrodynamical Basis for Tokamak Plasma Polarimetry. Physics Procedia, 2015, 62, 102-106.	1.2	2
13	<title>Einstein-Millikan equation as a consequence of symmetry in quasiparticles interaction</title>., 2001, , .		2
14	Electric charge generation in benzene-water mixtures during condensation at low temperatures. Thin Solid Films, 1983, 103, 417-421.	1.8	1
15	Electrical measurements on ice thin films near the cubic â€™ hexagonal phase transformation. Thin Solid Films, 1984, 112, 17-28.	1.8	1
16	Conditions for observation of the enhanced backscattering phenomenon in a turbulent atmosphere. , 2003, 5259, 365.		1
17	Accuracy of Cotton-Mouton polarimetry in sheared toroidal plasma of circular cross-section. Open Physics, 2011, 9, .	1.7	1
18	Principle equivalence and practical difference between two approaches to plasma polarimetry: The Stokes vector formalism and the angular variables technique. Fusion Engineering and Design, 2013, 88, 1449-1451.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Influence of the geometry system on the effectiveness of polarimetric measurements in thermonuclear plasma diagnostics. Fusion Engineering and Design, 2017, 123, 682-685.	1.9	1
20	<title>The work function in the case of thin metallic layers</title>. , 2005, 5945, 215.		0
21	&lt;title&gt;Investigation of the relations between the dust granularity and pollution concentration&lt;/title&gt;. Proceedings of SPIE, 2007, , .	0.8	0
22	<title>Some optical properties of metal in non-local potential theory</title>. , 2007, , .		0
23	Calculation of the refractive index of metal on the basis of nonlocal potential theory. , 2008, , .		0
24	Surface impedance in the anomalous skin effect regime. , 2008, , .		0
25	Application of polarimetry to test the models of thermonuclear plasma and determination the safety factor profile. Photonics Letters of Poland, 2015, 7, .	0.4	0
26	Bulk Modulus of Copper Alloys in Context of Modern Metal Theory. New Trends in Production Engineering, 2018, 1, 681-686.	0.3	0