

Janusz Chrzanowski

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Thickness dependence of the work function in case of ultra-thin metallic layers. Applied Surface Science, 2021, 540, 148363. | 6.1 | 3 |
| 2 | Electron chemical potential in the context of unconventional quantum model. Applied Surface Science, 2018, 461, 78-82. | 6.1 | 4 |
| 3 | Precise, semi-empirical equation for the work function. Applied Surface Science, 2018, 461, 83-87. | 6.1 | 9 |
| 4 | Bulk Modulus of Copper Alloys in Context of Modern Metal Theory. New Trends in Production Engineering, 2018, 1, 681-686. | 0.3 | 0 |
| 5 | 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 |
| 6 | Quasi-Isotropic Approximation of Geometrical Optics Method as Adequate Electrodynamical Basis for Tokamak Plasma Polarimetry. Physics Procedia, 2015, 62, 102-106. | 1.2 | 2 |
| 7 | Main Physical Factors Limiting the Accuracy of Polarimetric Measurements in Tokamak Plasma. Physics Procedia, 2015, 62, 107-112. | 1.2 | 3 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Some corrections to the Thomasâ€™Fermi theory. Chinese Physics B, 2013, 22, 087101. | 1.4 | 4 |
| 12 | New technique in plasma polarimetry: Evolution equations for angular parameters $\hat{\epsilon}$ amplitude ratioâ€™phase differenceâ€™ of polarization ellipse. Journal of Plasma Physics, 2012, 78, 87-91. | 2.1 | 3 |
| 13 | Accuracy of Cotton-Mouton polarimetry in sheared toroidal plasma of circular cross-section. Open Physics, 2011, 9, . | 1.7 | 1 |
| 14 | Calculation of the refractive index of metal on the basis of nonlocal potential theory. , 2008, , . | | 0 |
| 15 | Surface impedance in the anomalous skin effect regime. , 2008, , . | | 0 |
| 16 | <title>Investigation of the relations between the dust granularity and pollution concentration</title>. Proceedings of SPIE, 2007, , . | 0.8 | 0 |
| 17 | <title>Some optical properties of metal in non-local potential theory</title>. , 2007, , . | | 0 |
| 18 | <title>The work function in the case of thin metallic layers</title>. , 2005, 5945, 215. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Conditions for observation of the enhanced backscattering phenomenon in a turbulent atmosphere. , 2003, 5259, 365. | | 1 |
| 20 | <title>Einstein-Millikan equation as a consequence of symmetry in quasiparticles interaction</title>. , 2001, , . | | 2 |
| 21 | Electrical measurements on ice thin films near the cubic \hat{a}^+ hexagonal phase transformation. Thin Solid Films, 1984, 112, 17-28. | 1.8 | 1 |
| 22 | Thermally stimulated surface currents in CH ₃ OH cryocondensates near the polymorphic phase transformation. Thin Solid Films, 1983, 101, 123-130. | 1.8 | 4 |
| 23 | Electric charge generation in benzene-water mixtures during condensation at low temperatures. Thin Solid Films, 1983, 103, 417-421. | 1.8 | 1 |
| 24 | Electric charge generation in benzene-water mixtures during condensation at low temperatures. Thin Solid Films, 1983, 103, 417-421. | 1.8 | 2 |
| 25 | The electret effect in polar molecule condensates in the temperature range 90 \hat{a} €“230 K. Thin Solid Films, 1981, 79, 101-111. | 1.8 | 15 |
| 26 | Electric charge in binary mixtures of non-polar molecules cryocondensed at low temperatures. Thin Solid Films, 1980, 71, 47-51. | 1.8 | 5 |