# Krzysztof Lukaszkowicz

List of Publications by Year
in descending order



| 47 | 500 | 623734 | 752698 |
|---|---|---|---|
| papers | citations | 14 h-index | 20 g-index |

| 49 | 49 | 49 | 471 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dye-Sensitized Solar Cell for Building-Integrated Photovoltaic (BIPV) Applications. Materials, 2021, 14, 3743. | 2.9 | 16 |
| 2 | The Influence of Magnetron Sputtering Process Temperature on ZnO Thin-Film Properties. Coatings, 2021, 11, 1507. | 2.6 | 8 |
| 3 | Structure and Tribological Properties of AlCrN + CrCN Coating. Coatings, 2020, 10, 1084. | 2.6 | 4 |
| 4 | Welding of mobile platform elements made from mixed grades of high-strength steels. Scientific Journal of Silesian University of Technology Series Transport, 2020, 107, 197-203. | 0.4 | 0 |
| 5 | Structure and tribological properties of DLC:Si/AlCrN low friction thin film. MATEC Web of Conferences, 2019, 252, 08002. | 0.2 | 3 |
| 6 | Characteristics of CrAlSiN+MoS2 coating deposited by cathodic arc and magnetron sputtering process. Vacuum, 2019, 163, 360-367. | 3.5 | 9 |
| 7 | Various Applications of Multifunctional Thin Films with Specific Properties Deposited by the ALD Method. Solid State Phenomena, 2019, 293, 111-123. | 0.3 | 1 |
| 8 | LOW ALLOY STEEL SHAFT SURFACE REGENERATIVE WELDING WITH MICRO-JET COOLING. Scientific Journal of Silesian University of Technology Series Transport, 2019, 102, 205-215. | 0.4 | 0 |
| 9 | Graphene-based layers deposited onto flexible substrates: Used in dye-sensitized solar cells as counter electrodes. Applied Surface Science, 2017, 424, 157-163. | 6.1 | 20 |
| 10 | Carbon Nanomaterials Application as a Counter Electrode for Dye-Sensitized Solar Cells. Archives of Metallurgy and Materials, 2017, 62, 27-32. | 0.6 | 9 |
| 11 | Structure and tribological properties of MoS<sub>2</sub>low friction thin films. ITM Web of Conferences, 2017, 15, 06008. | 0.5 | 3 |
| 12 | A carbon-nanotubes counter electrode for flexible dye-sensitized solar cells. Materiali in Tehnologije, 2017, 51, 623-629. | 0.5 | 6 |
| 13 | Structure and Properties of Diamond-Like Carbon Films Deposited by PACVD Technique on Light Alloys. Archives of Metallurgy and Materials, 2016, 61, 1321-1330. | 0.6 | 1 |
| 14 | Characterisation of graphene-based layers for dye-sensitised solar cells application. Surface Engineering, 2016, 32, 816-822. | 2.2 | 6 |
| 15 | Carbon Nanotubes Counter Electrode for Dye-Sensitized Solar Cells Application. Archives of Metallurgy and Materials, 2016, 61, 803-806. | 0.6 | 14 |
| 16 | Nanocrystalline TiO2 Powder Prepared by Sol-Gel Method for Dye-Sensitized Solar Cells. Archives of Metallurgy and Materials, 2016, 61, 833-836. | 0.6 | 8 |
| 17 | Nano-Scale Structure Investigation of Vapour Deposited AlCrSiN Coating Using Transmission Electron Microscope Techniques. Archives of Metallurgy and Materials, 2016, 61, 837-842. | 0.6 | 2 |
| 18 | Structure and properties of Al2O3 thin films deposited by ALD process. Vacuum, 2016, 131, 319-326. | 3.5 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effect of Laser Feeding on Heat Treated Aluminium Alloy Surface Properties. Archives of Metallurgy and Materials, 2016, 61, 741-746. | 0.6 | 6 |
| 20 | Characteristics of the AlTiCrN+DLC coating deposited with a cathodic arc and the PACVD process. Materiali in Tehnologije, 2016, 50, 175-181. | 0.5 | 5 |
| 21 | Characteristics of dye-sensitized solar cells with carbon nanomaterials. Materiali in Tehnologije, 2016, 50, 649-654. | 0.5 | 6 |
| 22 | Physical Vapor Deposition in Manufacturing. , 2015, , 2719-2754. | | 5 |
| 23 | Influence of the HPDL Surface Treatment of the X40CrMoV5-1 Tool Steel on Wear Resistance. Advanced Materials Research, 2014, 1036, 428-433. | 0.3 | 0 |
| 24 | Characterisation and properties of hybrid coatings deposited onto magnesium alloys. Surface Engineering, 2014, 30, 927-932. | 2.2 | 18 |
| 25 | Characteristics of CrAlSiN+DLC coating deposited by lateral rotating cathode arc PVD and PACVD process. Applied Surface Science, 2014, 312, 126-133. | 6.1 | 20 |
| 26 | Microstructure of CrAlSiN+DLC Coating Deposited onto Hot Work Tool Steel. Solid State Phenomena, 2013, 203-204, 228-231. | 0.3 | 0 |
| 27 | Physical Vapor Deposition in Manufacturing. , 2013, , 1-31. | | 4 |
| 28 | Structure and properties of PVD coatings deposited on aluminium alloys. Surface Engineering, 2012, 28, 598-604. | 2.2 | 29 |
| 29 | Microstructure and Mechanical Properties of PVD Nanoncrystalline Layers. Solid State Phenomena, 2012, 186, 230-233. | 0.3 | 1 |
| 30 | Microstructure and tribological properties of PVD coatings deposited on the X40CrMoV5-1 steel substrate. International Journal of Surface Science and Engineering, 2012, 6, 296. | 0.4 | 3 |
| 31 | Characterization and properties of PVD coatings applied to extrusion dies. Vacuum, 2012, 86, 2082-2088. | 3.5 | 20 |
| 32 | Structure and mechanical properties of PVD coatings deposited onto the X40CrMoV5-1 hot work tool steel substrate. Vacuum, 2012, 86, 1186-1194. | 3.5 | 20 |
| 33 | Microstructure, Mechanical Properties and Corrosion Resistance of Nanocomposite Coatings Deposited by PVD Technology. , 2011, , . | | 1 |
| 34 | Structure, mechanical properties and corrosion resistance of PVD gradient coatings deposited onto the X40CrMoV5-1 hot work tool steel substrate. International Journal of Materials and Product Technology, 2010, 39, 148. | 0.2 | 3 |
| 35 | Structure, mechanical properties and corrosion resistance of nanocomposite coatings deposited by PVD technology onto the X6CrNiMoTi17-12-2 and X40CrMoV5-1 steel substrates. Journal of Materials Science, 2010, 45, 1629-1637. | 3.7 | 24 |
| 36 | Structure and mechanical properties of gradient coatings deposited by PVD technology onto the X40CrMoV5-1 steel substrate. Journal of Materials Science, 2008, 43, 3400-3407. | 3.7 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Comparison of Structure and Properties of the PVD, Hybrid (Galvanic + PVD), and Galvanic Coatings Deposited onto the Brass Substrate. Materials Science Forum, 2008, 591-593, 860-864. | 0.3 | 2 |
| 38 | Corrosion resistance of multilayer coatings deposited by PVD techniques onto the brass substrate. Journal of Materials Processing Technology, 2005, 164-165, 816-821. | 6.3 | 54 |
| 39 | Erosion resistance and tribological properties of coatings deposited by reactive magnetron sputtering method onto the brass substrate. Journal of Materials Processing Technology, 2004, 157-158, 317-323. | 6.3 | 31 |
| 40 | Structure, chemical and phase compositions of coatings deposited by reactive magnetron sputtering onto the brass substrate. Journal of Materials Processing Technology, 2004, 157-158, 380-387. | 6.3 | 17 |
| 41 | Properties of the multi-layer Ti/CrN and Ti/TiAlN coatings deposited with the PVD technique onto the brass substrate. Journal of Materials Processing Technology, 2003, 143-144, 832-837. | 6.3 | 17 |
| 42 | Properties of PVD Coatings on a Brass Substrate. Materials Science Forum, 2003, 437-438, 199-202. | 0.3 | 0 |
| 43 | Review of Nanocomposite Thin Films and Coatings Deposited by PVD and CVD Technology. , 0, , . | | 15 |
| 44 | Structure and Properties of Diamond-Like Carbon Coatings Deposited on Non-Ferrous Alloys Substrate. Solid State Phenomena, 0, 199, 170-175. | 0.3 | 9 |
| 45 | Characteristics of Hybrid Coating Deposited by PVD and PACVD Process. Advanced Materials Research, 0, 1036, 225-229. | 0.3 | 1 |
| 46 | Assessment of Tribological Properties of Low Friction Thin Layers Produced by Vacuum Methods. Solid State Phenomena, 0, 293, 125-140. | 0.3 | 0 |
| 47 | Comparison of the Structure of AlCrSiN Coating Produced by Planar and Rotating Arc Technology. Solid State Phenomena, 0, 293, 141-153. | 0.3 | 1 |