# Jagoda Slawinska

List of Publications by Year
in descending order



| 30 | 1,011 | 516710 16 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 1710 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unconventional spin Hall effects in nonmagnetic solids. Physical Review Materials, 2022, 6, . | 2.4 | 28 |
| 2 | Topologically driven linear magnetoresistance in helimagnetic FeP. Npj Quantum Materials, 2021, 6, . | 5.2 | 18 |
| 3 | Advanced modeling of materials with PAOFLOW 2.0: New features and software design. Computational Materials Science, 2021, 200, 110828. | 3.0 | 21 |
| 4 | Room-temperature ferroelectric switching of spin-to-charge conversion in germanium telluride. Nature Electronics, 2021, 4, 740-747. | 26.0 | 62 |
| 5 | Quantum computation of silicon electronic band structure. Physical Chemistry Chemical Physics, 2020, 22, 21816-21822. | 2.8 | 13 |
| 6 | Spin Hall effect in prototype Rashba ferroelectrics GeTe and SnTe. Npj Computational Materials, 2020, 6, . | 8.7 | 26 |
| 7 | Ultrathin SnTe films as a route towards all-in-one spintronics devices. 2D Materials, 2020, 7, 025026. | 4.4 | 24 |
| 8 | High-Throughput Computational Search for Half-Metallic Oxides. Molecules, 2020, 25, 2010. | 3.8 | 1 |
| 9 | Direct insight into the band structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrNbO</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review Materials, 2020, 4, . | 2.4 | 17 |
| 10 | Spinâ€“orbit proximity effect in graphene on metallic substrates: decoration versus intercalation with metal adatoms. New Journal of Physics, 2019, 21, 073018. | 2.9 | 7 |
| 11 | Giant spin Hall effect in two-dimensional monochalcogenides. 2D Materials, 2019, 6, 025012. | 4.4 | 30 |
| 12 | Fe/GeTe(111) heterostructures as an avenue towards spintronics based on ferroelectric Rashba semiconductors. Physical Review B, 2019, 99, . | 3.2 | 14 |
| 13 | Persistent spin helix in Rashba-Dresselhaus ferroelectric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CsBiNb</mml:mi></mml:mrow><mml:mn mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2019, 3, . | 2.4 | 41 |
| 14 | Absorption and emission modulation in a MoS<sub>2</sub>â€“GaN (0001) heterostructure by interface phononâ€“exciton coupling. Photonics Research, 2019, 7, 1511. | 7.0 | 10 |
| 15 | Ferroelectric Control of the Spin Texture in GeTe. Nano Letters, 2018, 18, 2751-2758. | 9.1 | 114 |
| 16 | The reversible spin texture of ferroelectric GeTe for a tunable source of spin currents. , 2018, , . | | 0 |
| 17 | Complex spin texture of Dirac cones induced via spin-orbit proximity effect in graphene on metals. Physical Review B, 2018, 98, . | 3.2 | 8 |
| 18 | Role of spin-orbit coupling in the electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ir</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2018, 2, . | 2.4 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Tuning the Graphene on Ir(111) adsorption regime by Fe/Ir surface-alloying. 2D Materials, 2017, 4, 015016. | 4.4 | 18 |
| 20 | Hidden spin polarization in nonmagnetic centrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaNiS</mml:mi><mml:mn>2</mml:mn></mml:msub></m crystal: Signatures from first principles. Physical Review B, 2016, 94, . | 3.2 | 15 |
| 21 | Unveiling the pentagonal nature of perfectly aligned single-and double-strand Si nano-ribbons on Ag(110). Nature Communications, 2016, 7, 13076. | 12.8 | 98 |
| 22 | Ab initio study of the relationship between spontaneous polarization and p-type doping in quasi-freestanding graphene on H-passivated SiC surfaces. Carbon, 2015, 93, 88-104. | 10.3 | 29 |
| 23 | The role of defects in graphene on the H-terminated SiC surface: Not quasi-free-standing any more. Carbon, 2014, 74, 146-152. | 10.3 | 8 |
| 24 | QED2+1 in Graphene: Symmetries of Dirac Equation in 2+1 Dimensions. Progress of Theoretical Physics, 2012, 128, 727-739. | 2.0 | 3 |
| 25 | Doping domains in graphene on gold substrates: First-principles and scanning tunneling spectroscopy studies. Physical Review B, 2012, 85, . | 3.2 | 19 |
| 26 | Doping of graphene by a Au(111) substrate: Calculation strategy within the local density approximation and a semiempirical van der Waals approach. Physical Review B, 2011, 83, . | 3.2 | 90 |
| 27 | Fingerprints of Dirac points in first-principles calculations of scanning tunneling spectra of graphene on a metal substrate. Physical Review B, 2011, 84, . | 3.2 | 19 |
| 28 | Raman Spectroscopy And Scanning Tunneling Spectroscopy Of Graphene And Multilayer Of Graphene Deposited On The Gold Substrate. , 2010, , . | | 0 |
| 29 | Reversible modifications of linear dispersion: Graphene between boron nitride monolayers. Physical Review B, 2010, 82, . | 3.2 | 57 |
| 30 | Energy gap tuning in graphene on hexagonal boron nitride bilayer system. Physical Review B, 2010, 81, . | 3.2 | 207 |