

Lin He

List of Publications by Year in descending order

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144
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145
times ranked

5935
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Two-dimensional quasi-freestanding molecular crystals for high-performance organic field-effect transistors. Nature Communications, 2014, 5, 5162. | 12.8 | 315 |
| 2 | Angle-Dependent van Hove Singularities in a Slightly Twisted Graphene Bilayer. Physical Review Letters, 2012, 109, 126801. | 7.8 | 222 |
| 3 | Strain and curvature induced evolution of electronic band structures in twisted graphene bilayer. Nature Communications, 2013, 4, 2159. | 12.8 | 165 |
| 4 | Direct imaging of topological edge states at a bilayer graphene domain wall. Nature Communications, 2016, 7, 11760. | 12.8 | 155 |
| 5 | Scanning Tunneling Microscopy of the π Magnetism of a Single Carbon Vacancy in Graphene. Physical Review Letters, 2016, 117, 166801. | 7.8 | 122 |
| 6 | Creating One-Dimensional Nanoscale Periodic Ripples in a Continuous Mosaic Graphene Monolayer. Physical Review Letters, 2014, 113, 086102. | 7.8 | 111 |
| 7 | Facile Synthesis of Monodisperse Mn ₃ O ₄ Tetragonal Nanoparticles and Their Large-Scale Assembly into Highly Regular Walls by a Simple Solution Route. Small, 2007, 3, 606-610. | 10.0 | 99 |
| 8 | Ni ₃ C Core-Shell Nanochains and Its Magnetic Properties: One-Step Synthesis at Low Temperature. Nano Letters, 2008, 8, 1147-1152. | 9.1 | 99 |
| 9 | Ultrathin Co ₃ O ₄ nanowires with high catalytic oxidation of CO. Chemical Communications, 2011, 47, 11279. | 4.1 | 88 |
| 10 | Finite size effect on Néel temperature with Co ₃ O ₄ nanoparticles. Journal of Applied Physics, 2007, 102, . | 2.5 | 87 |
| 11 | Hierarchy of graphene wrinkles induced by thermal strain engineering. Applied Physics Letters, 2013, 103, . | 3.3 | 87 |
| 12 | Strain-induced one-dimensional Landau level quantization in corrugated graphene. Physical Review B, 2013, 87, . | 3.2 | 80 |
| 13 | Valley Polarization and Inversion in Strained Graphene via Pseudo-Landau Levels, Valley Splitting of Real Landau Levels, and Confined States. Physical Review Letters, 2020, 124, 106802. | 7.8 | 73 |
| 14 | Twisted graphene bilayer around the first magic angle engineered by heterostrain. Physical Review B, 2018, 98, . | 3.2 | 70 |
| 15 | Ultrathin Au-Ag bimetallic nanowires with Coulomb blockade effects. Chemical Communications, 2011, 47, 5160. | 4.1 | 69 |
| 16 | Programmable graphene nanobubbles with three-fold symmetric pseudo-magnetic fields. Nature Communications, 2019, 10, 3127. | 12.8 | 69 |
| 17 | Experimental evidence for non-Abelian gauge potentials in twisted graphene bilayers. Physical Review B, 2015, 92, . | 3.2 | 66 |
| 18 | Dielectric Engineering of a Boron Nitride/Hafnium Oxide Heterostructure for High-Performance 2D Field Effect Transistors. Advanced Materials, 2016, 28, 2062-2069. | 21.0 | 65 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Chiral Tunneling in a Twisted Graphene Bilayer. <i>Physical Review Letters</i> , 2013, 111, 066803. | 7.8 | 64 |
| 20 | Landau quantization and Fermi velocity renormalization in twisted graphene bilayers. <i>Physical Review B</i> , 2015, 92, . | 3.2 | 63 |
| 21 | Observation of Landau-level-like quantization at 77 K along a strained-induced graphene ridge. <i>Physical Review B</i> , 2012, 85, . | 3.2 | 60 |
| 22 | Superlattice Dirac points and space-dependent Fermi velocity in a corrugated graphene monolayer. <i>Physical Review B</i> , 2013, 87, . | 3.2 | 60 |
| 23 | Landau quantization in graphene monolayer, Bernal bilayer, and Bernal trilayer on graphite surface. <i>Physical Review B</i> , 2015, 91, . | 3.2 | 60 |
| 24 | Controlled Growth of Single-Crystal Twisted Graphene Grains on a Liquid Cu Surface. <i>Advanced Materials</i> , 2014, 26, 6423-6429. | 21.0 | 55 |
| 25 | Energy gaps of atomically precise armchair graphene sidewall nanoribbons. <i>Physical Review B</i> , 2016, 93, . | 3.2 | 54 |
| 26 | Observation of unconventional splitting of Landau levels in strained graphene. <i>Physical Review B</i> , 2015, 92, . | 3.2 | 53 |
| 27 | Landau quantization of Dirac fermions in graphene and its multilayers. <i>Frontiers of Physics</i> , 2017, 12, 1. | 5.0 | 52 |
| 28 | Hexagonal close-packed nickel or Ni ₃ C?. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1991-1993. | 2.3 | 51 |
| 29 | Controlled synthesis of 2D Mo ₂ C/graphene heterostructure on liquid Au substrates as enhanced electrocatalytic electrodes. <i>Nanotechnology</i> , 2019, 30, 385601. | 2.6 | 51 |
| 30 | One-step synthesis of van der Waals heterostructures of graphene and two-dimensional superconducting $\sqrt{3}\times\sqrt{3}$ Mo ₂ C. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 49 |
| 31 | Angle-dependent van Hove singularities and their breakdown in twisted graphene bilayers. <i>Physical Review B</i> , 2014, 90, . | 3.2 | 47 |
| 32 | Scanning tunneling microscope study of quantum Hall isospin ferromagnetic states in the zero Landau level in a graphene monolayer. <i>Physical Review B</i> , 2019, 100, . | 3.2 | 47 |
| 33 | Two-dimensional superconductivity at (110) LaAlO ₃ /SrTiO ₃ interfaces. <i>Applied Physics Letters</i> , 2014, 105, . | 3.3 | 42 |
| 34 | Effect of temperature-dependent shape anisotropy on coercivity for aligned Stoner-Wohlfarth soft ferromagnets. <i>Physical Review B</i> , 2007, 75, . | 3.2 | 41 |
| 35 | Tuning structures and electronic spectra of graphene layers with tilt grain boundaries. <i>Physical Review B</i> , 2014, 89, . | 3.2 | 40 |
| 36 | Size-dependent magnetic properties of nickel nanochains. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 036216. | 1.8 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Layer-Stacking Growth and Electrical Transport of Hierarchical Graphene Architectures. <i>Advanced Materials</i> , 2014, 26, 3218-3224. | 21.0 | 39 |
| 38 | Observation of quantum Griffiths singularity and ferromagnetism at the superconducting interface. <i>Physical Review B</i> , 2016, 94, 080401. | 3.2 | 39 |
| 39 | Generating atomically sharp junctions in graphene and testing quantum electron optics on the nanoscale. <i>Physical Review B</i> , 2018, 97, 080401. | 3.2 | 39 |
| 40 | Experimental evidence for orbital magnetic moments generated by moiré-scale current loops in twisted bilayer graphene. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 38 |
| 41 | Detecting giant electron-hole asymmetry in a graphene monolayer generated by strain and charged-defect scattering via Landau level spectroscopy. <i>Physical Review B</i> , 2015, 92, . | 3.2 | 37 |
| 42 | Coexistence of van Hove singularities and superlattice Dirac points in a slightly twisted graphene bilayer. <i>Physical Review B</i> , 2013, 87, . | 3.2 | 35 |
| 43 | Electronic structures of graphene layers on a metal foil: The effect of atomic-scale defects. <i>Applied Physics Letters</i> , 2013, 103, . | 3.3 | 34 |
| 44 | Splitting of Van Hove singularities in slightly twisted bilayer graphene. <i>Physical Review B</i> , 2017, 96, . | 3.2 | 31 |
| 45 | Recent progresses of quantum confinement in graphene quantum dots. <i>Frontiers of Physics</i> , 2022, 17, 1. | 5.0 | 31 |
| 46 | Flat bands near Fermi level of topological line defects on graphite. <i>Applied Physics Letters</i> , 2012, 101, . | 3.3 | 30 |
| 47 | Creating in-plane pseudomagnetic fields in excess of 1000 T by misoriented stacking in a graphene bilayer. <i>Physical Review B</i> , 2014, 89, . | 3.2 | 30 |
| 48 | Scanning tunneling microscopy and spectroscopy of twisted trilayer graphene. <i>Physical Review B</i> , 2018, 97, . | 3.2 | 30 |
| 49 | Mo Concentration Controls the Morphological Transitions from Dendritic to Semicompact, and to Compact Growth of Monolayer Crystalline MoS ₂ on Various Substrates. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42751-42759. | 8.0 | 30 |
| 50 | Magnetism near half-filling of a Van Hove singularity in twisted graphene bilayer. <i>Physical Review B</i> , 2019, 99, . | 3.2 | 30 |
| 51 | Tunable magnetism of a single-carbon vacancy in graphene. <i>Science Bulletin</i> , 2020, 65, 194-200. | 9.0 | 30 |
| 52 | Enhanced intervalley scattering of twisted bilayer graphene by periodic AB-stacked atoms. <i>Physical Review B</i> , 2012, 85, . | 3.2 | 29 |
| 53 | Atomic resolution imaging of the two-component Dirac-Landau levels in a gapped graphene monolayer. <i>Physical Review B</i> , 2015, 92, . | 3.2 | 29 |
| 54 | Massless Dirac fermions trapping in a quasi-one-dimensional junction of a continuous graphene monolayer. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 29 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Tunable Lattice Reconstruction, Triangular Network of Chiral One-Dimensional States, and Bandwidth of Flat Bands in Magic Angle Twisted Bilayer Graphene. <i>Physical Review Letters</i> , 2020, 125, 236102. | 7.8 | 29 |
| 56 | Direct probing of the stacking order and electronic spectrum of rhombohedral trilayer graphene with scanning tunneling microscopy. <i>Physical Review B</i> , 2015, 91, . | 3.2 | 28 |
| 57 | Scanning tunneling microscopy study of the quasicrystalline 30° twisted bilayer graphene. <i>2D Materials</i> , 2019, 6, 045041. | 4.4 | 26 |
| 58 | Correlation-induced valley splitting and orbital magnetism in a strain-induced zero-energy flatband in twisted bilayer graphene near the magic angle. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 26 |
| 59 | Experimental observation of surface states and Landau levels bending in bilayer graphene. <i>Physical Review B</i> , 2016, 93, . | 3.2 | 25 |
| 60 | Tunneling Spectra of a Quasifreestanding Graphene Monolayer. <i>Physical Review Applied</i> , 2018, 9, . | 3.8 | 25 |
| 61 | Bound states in nanoscale graphene quantum dots in a continuous graphene sheet. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 24 |
| 62 | High-Magnetic-Field Tunneling Spectra of ABC -Stacked Trilayer Graphene on Graphite. <i>Physical Review Letters</i> , 2019, 122, 146802. | 7.8 | 23 |
| 63 | Local Berry Phase Signatures of Bilayer Graphene in Intervalley Quantum Interference. <i>Physical Review Letters</i> , 2020, 125, 116804. | 7.8 | 23 |
| 64 | Twistronics in graphene-based van der Waals structures. <i>Chinese Physics B</i> , 2020, 29, 117303. | 1.4 | 23 |
| 65 | Formation of Two-dimensional Electron Gas at Amorphous/Crystalline Oxide Interfaces. <i>Scientific Reports</i> , 2018, 8, 404. | 3.3 | 22 |
| 66 | Weak ferromagnetism and spin-glass state with nanosized nickel carbide. <i>Journal of Applied Physics</i> , 2009, 105, 123923. | 2.5 | 21 |
| 67 | Single-layer behavior and slow carrier density dynamic of twisted graphene bilayer. <i>Applied Physics Letters</i> , 2012, 100, . | 3.3 | 21 |
| 68 | Anisotropy and magnetization reversal with chains of submicron-sized Co hollow spheres. <i>Physical Review B</i> , 2007, 75, . | 3.2 | 20 |
| 69 | Stacking transition in bilayer graphene caused by thermally activated rotation. <i>2D Materials</i> , 2017, 4, 011013. | 4.4 | 20 |
| 70 | Planar Hall effect induced by anisotropic orbital magnetoresistance in type-II Dirac semimetal PdTe ₂ . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 015702. | 1.8 | 20 |
| 71 | Coulomb interaction in quasibound states of graphene quantum dots. <i>Physical Review B</i> , 2020, 101, . | 3.2 | 20 |
| 72 | Movable Valley Switch Driven by Berry Phase in Bilayer-Graphene Resonators. <i>Physical Review Letters</i> , 2020, 124, 166801. | 7.8 | 20 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Lattice-Matched Metal-Semiconductor Heterointerface in Monolayer Cu ₂ Te. ACS Nano, 2021, 15, 3415-3422. | 14.6 | 19 |
| 74 | Spatially resolving unconventional interface Landau quantization in a graphene monolayer-bilayer planar junction. Physical Review B, 2016, 93, . | 3.2 | 18 |
| 75 | Modulating the Electronic Properties of Graphene by Self-Organized Sulfur Identical Nanoclusters and Atomic Superlattices Confined at an Interface. ACS Nano, 2018, 12, 10984-10991. | 14.6 | 18 |
| 76 | Large negative magnetoresistance driven by enhanced weak localization and Kondo effect at the interface of LaAlO ₃ and Fe-doped | 3.2 | 18 |
| 77 | Anomalous magnetic properties of 7-nm single-crystal Co ₃ O ₄ nanowires. Journal of Applied Physics, 2012, 111, 013910. | 2.5 | 17 |
| 78 | Coupled spin and pseudomagnetic field in graphene nanoribbons. Physical Review B, 2013, 88, . | 3.2 | 17 |
| 79 | Observation of chirality transition of quasiparticles at stacking solitons in trilayer graphene. Physical Review B, 2017, 95, . | 3.2 | 17 |
| 80 | Magnetic-field-controlled negative differential conductance in scanning tunneling spectroscopy of graphene junction resonators. Physical Review B, 2018, 97, . | 3.2 | 17 |
| 81 | Enhancement of the Photoelectrocatalytic H ₂ Evolution on a Rutile-TiO ₂ (001) Surface Decorated with Dendritic MoS ₂ Monolayer Nanoflakes. ACS Applied Energy Materials, 2020, 3, 5756-5764. | 5.1 | 17 |
| 82 | Relativistic Artificial Molecules Realized by Two Coupled Graphene Quantum Dots. Nano Letters, 2020, 20, 6738-6743. | 9.1 | 15 |
| 83 | Nanoscale detection of valley-dependent spin splitting around atomic defects of graphene. 2D Materials, 2019, 6, 031005. | 4.4 | 14 |
| 84 | Ultrathin Fe ₂ O ₃ Nanoribbons and Their Moiré Patterns. Journal of Physical Chemistry C, 2012, 116, 6879-6883. | 3.1 | 13 |
| 85 | Unveiling the structural origin of the high carrier mobility of a molecular monolayer on boron nitride. Physical Review B, 2014, 90, . | 3.2 | 13 |
| 86 | Spatial confinement, magnetic localization, and their interactions on massless Dirac fermions. Physical Review B, 2018, 98, . | 3.2 | 13 |
| 87 | Controlling the dendritic structure and the photo-electrocatalytic properties of highly crystalline MoS ₂ on sapphire substrate. 2D Materials, 2018, 5, 031015. | 4.4 | 13 |
| 88 | Scanning tunnelling microscope studies of angstrom-scale Co ₃ O ₄ nanowires. Nanotechnology, 2010, 21, 335605. | 2.6 | 12 |
| 89 | Coexistence of electron whispering-gallery modes and atomic collapse states in graphene/WSe ₂ heterostructure quantum dots. Nature Communications, 2022, 13, 1597. | 12.8 | 12 |
| 90 | Realizing Valley-Polarized Energy Spectra in Bilayer Graphene Quantum Dots via Continuously Tunable Berry Phases. Physical Review Letters, 2022, 128, . | 7.8 | 12 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Transition metal oxide nanowires synthesized by heating metal substrates. Materials Research Bulletin, 2011, 46, 2120-2124. | 5.2 | 11 |
| 92 | Reconstruction of electrostatic field at the interface leads to formation of two-dimensional electron gas at multivalent $\text{LaAlO}_3/\text{SrTiO}_3$ heterointerface. Physical Review B, 2015, 92, . | 3.2 | 11 |
| 93 | Scanning tunneling microscopy and spectroscopy of finite-size twisted bilayer graphene. Physical Review B, 2017, 96, . | 3.2 | 11 |
| 94 | Quantum Interferences of Pseudospin-Mediated Atomic-Scale Vortices in Monolayer Graphene. Nano Letters, 2021, 21, 2526-2531. | 9.1 | 11 |
| 95 | Temperature-sensitive spatial distribution of defects in PdSe_2 flakes. Physical Review Materials, 2021, 5, . | 3.2 | 11 |
| 96 | Enhanced Valley Polarization of Bilayer MoSe_2 with Variable Stacking Order and Interlayer Coupling. Journal of Physical Chemistry Letters, 2021, 12, 5879-5888. | 4.6 | 11 |
| 97 | Comment on "Diameter dependence of ferromagnetic spin moment in Au nanocrystals". Physical Review B, 2010, 81, . | 3.2 | 10 |
| 98 | Temperature dependence of the conductive layer thickness at the $\text{LaAlO}_3/\text{SrTiO}_3$ heterointerface. Physical Review B, 2017, 96, . | 3.2 | 10 |
| 99 | Spectroscopic Evidence for a Spin- and Valley-Polarized Metallic State in a Nonmagic-Angle Twisted Bilayer Graphene. ACS Nano, 2020, 14, 13081-13090. | 14.6 | 10 |
| 100 | Oscillations of the Spacing between van Hove Singularities Induced by sub-Ångstrom Fluctuations of Interlayer Spacing in Graphene Superlattices. Physical Review Letters, 2021, 127, 266801. | 7.8 | 10 |
| 101 | Evidence for surface states in a single 3 nm diameter Co_3O_4 nanowire. Applied Physics Letters, 2010, 96, 262106. | 3.3 | 9 |
| 102 | Two-dimensional spinodal interface in one-step grown graphene-molybdenum carbide heterostructures. Physical Review Materials, 2018, 2, . | 2.4 | 9 |
| 103 | Origami-controlled strain engineering of tunable flat bands and correlated states in folded graphene. Physical Review Materials, 2022, 6, . | 2.4 | 9 |
| 104 | Carrier-mediated Kondo effect and Hall mobility by electrolyte gating in slightly doped anatase TiO_2 . Physical Review B, 2014, 90, . | 3.2 | 8 |
| 105 | Spin-Polarized Semiconducting Band Structure of Monolayer Graphene on Ni(111). Physical Review Applied, 2018, 10, . | 3.8 | 8 |
| 106 | High-resolution tunneling spectroscopy of ABA-stacked trilayer graphene. Physical Review B, 2018, 98, . | 3.2 | 8 |
| 107 | Spatial and magnetic confinement of massless Dirac fermions. Physical Review B, 2021, 104, . | 3.2 | 8 |
| 108 | Collective magnetization flux closure state with circular array of single-domained nanomagnets: Magnetization reversal and chirality control. Journal of Applied Physics, 2008, 103, 114312. | 2.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Competition of the antiferromagnetic superexchange with the ferromagnetic double exchange in dicobalt complexes. Applied Physics Letters, 2010, 97, . | 3.3 | 7 |
| 110 | Inhibited single-electron transfer by electronic band gap of two-dimensional Au quantum dot superlattice. Applied Physics Letters, 2010, 97, 113101. | 3.3 | 7 |
| 111 | Zero-bias anomaly in one-dimensional ultrathin metallic nanowires. AIP Advances, 2012, 2, . | 1.3 | 7 |
| 112 | In-plane chiral tunneling and out-of-plane valley-polarized quantum tunneling in twisted graphene trilayer. Physical Review B, 2014, 90, . | 3.2 | 7 |
| 113 | Wide-band-gap wrinkled nanoribbon-like structures in a continuous metallic graphene sheet. Physical Review B, 2016, 94, . | 3.2 | 7 |
| 114 | Imaging the dynamics of an individual hydrogen atom intercalated between two graphene sheets. Physical Review B, 2018, 97, . | 3.2 | 7 |
| 115 | Observation of phonon peaks and electron-phonon bound states in graphene. Physical Review B, 2019, 100, . | 3.2 | 7 |
| 116 | Nanoscale probing of broken-symmetry states in graphene induced by individual atomic impurities. Physical Review B, 2020, 101, . | 3.2 | 7 |
| 117 | Large linear magnetoresistance caused by disorder in WTe_2 thin film. Journal of Physics Condensed Matter, 2020, 32, 355703. | 1.8 | 7 |
| 118 | Influence of In-Gap States on the Formation of Two-Dimensional Election Gas at $ABO_3/SrTiO_3$ Interfaces. Scientific Reports, 2018, 8, 195. | 3.3 | 6 |
| 119 | Origin of the anomalous size dependent blocking temperature of nanoparticles. Solid State Communications, 2010, 150, 743-745. | 1.9 | 5 |
| 120 | Unexpected Magnetic Moments in Ultrafine Diamagnetic Systems. Journal of Physical Chemistry C, 2010, 114, 12487-12489. | 3.1 | 5 |
| 121 | Zero-magnetization ferromagnet induced by hydrogenation. Solid State Communications, 2011, 151, 985-987. | 1.9 | 5 |
| 122 | Parallel versus antiparallel interfacial exchange coupling in ferromagnet/spin-glasses. Journal of Applied Physics, 2011, 109, 123915. | 2.5 | 5 |
| 123 | Origin of room-temperature single-channel ballistic transport in zigzag graphene nanoribbons. Science China Materials, 2015, 58, 677-682. | 6.3 | 5 |
| 124 | Periodic magnetoresistance oscillations induced by superconducting vortices in single crystal Au nanowires. Nanotechnology, 2011, 22, 445704. | 2.6 | 4 |
| 125 | Comment on "Coexistence of Coulomb Blockade and Zero Bias Anomaly in a Strongly Coupled Nanodot". Physical Review Letters, 2011, 107, 079701; author reply 079702. | 7.8 | 4 |
| 126 | Conductivity and band alignment of $LaCrO_3/SrTiO_3$ (111) heterostructure. Chinese Physics B, 2018, 27, 047301. | 1.4 | 4 |

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 127 | Robust atomic-structure of the $6\sqrt{3}\times 2$ reconstruction surface of Ge(110) protected by the electronically transparent graphene monolayer. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22711-22718. | 2.8 | 4 |
| 128 | Enhancement of Rashba spin-orbit coupling by electron confinement at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 235003. | 1.8 | 4 |
| 129 | Control of the local magnetic states in graphene with voltage and gating. <i>Physical Review B</i> , 2021, 103, . | 3.2 | 4 |
| 130 | Local measurements of tunneling magneto-conductance oscillations in monolayer, Bernal-stacked bilayer, and ABC-stacked trilayer graphene. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1. | 5.1 | 4 |
| 131 | The magnetic ordering temperature of Cu, Mn, and Fe elements in. <i>Solid State Communications</i> , 2010, 150, 187-188. | 1.9 | 3 |
| 132 | Effect of exchange-type zero-bias anomaly on single-electron tunneling of Au nanoparticles. <i>Physical Review B</i> , 2011, 84, . | 3.2 | 3 |
| 133 | Spectroscopic characterization of Landau-level splitting and the intermediate $\nu=0$ phase in bilayer graphene. <i>Physical Review B</i> , 2020, 101, . | 3.2 | 3 |
| 134 | Creating custom-designed patterns of nanoscale graphene quantum dots. <i>2D Materials</i> , 2022, 9, 021002. | 4.4 | 3 |
| 135 | Tailoring the Energy Landscape of Graphene Nanostructures on Graphene and Manipulating Them Using Tilt Grain Boundaries. <i>Physical Review Applied</i> , 2022, 17, . | 3.8 | 3 |
| 136 | Electronic confinement in quantum dots of twisted bilayer graphene. <i>Physical Review B</i> , 2021, 104, . | 3.2 | 3 |
| 137 | The Ho thickness dependence of spin-triplet supercurrents in Nb/Ho/Co/Ho/Nb films. <i>Solid State Communications</i> , 2011, 151, 651-652. | 1.9 | 2 |
| 138 | Comment on "Evidence for Quantization of Mechanical Rotation of Magnetic Nanoparticles". <i>Physical Review Letters</i> , 2010, 105, 049701; author reply 049702. | 7.8 | 1 |
| 139 | Comment on "Coexistence of ferromagnetism and superconductivity in Sn nanoparticles". <i>Physical Review B</i> , 2010, 82, . | 3.2 | 1 |
| 140 | Graphene: Controlled Growth of Single-Crystal Twelve-Pointed Graphene Grains on a Liquid Cu Surface (<i>Adv. Mater.</i> 37/2014). <i>Advanced Materials</i> , 2014, 26, 6519-6519. | 21.0 | 1 |
| 141 | Reply to "Comment on "Creating in-plane pseudomagnetic fields in excess of 1000 T by misoriented stacking in a graphene bilayer""". <i>Physical Review B</i> , 2016, 93, . | 3.2 | 1 |
| 142 | Stabilization variation of organic conductor surfaces induced by π - π stacking interactions. <i>Chinese Physics B</i> , 2012, 21, 056801. | 1.4 | 0 |
| 143 | Graphene: Layer-Stacking Growth and Electrical Transport of Hierarchical Graphene Architectures (<i>Adv. Mater.</i> 20/2014). <i>Advanced Materials</i> , 2014, 26, 3355-3355. | 21.0 | 0 |
| 144 | Interaction between in-gap states and carriers at the conductive interface between perovskite oxides. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 405002. | 1.8 | 0 |