

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 139 papers | 3,363 citations | 33 h-index | 52 g-index |
| 145 ext. papers | 4,025 ext. citations | 5.5 avg, IF | 5.39 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 139 | Creating custom-designed patterns of nanoscale graphene quantum dots. <i>2D Materials</i> , 2022 , 9, 021002 | 5.9 | |
| 138 | Recent progresses of quantum confinement in graphene quantum dots. <i>Frontiers of Physics</i> , 2022 , 17, 1 | 3.7 | 3 |
| 137 | Coexistence of electron whispering-gallery modes and atomic collapse states in graphene/WSe heterostructure quantum dots.. <i>Nature Communications</i> , 2022 , 13, 1597 | 17.4 | 2 |
| 136 | Tailoring the Energy Landscape of Graphene Nanostructures on Graphene and Manipulating Them Using Tilt Grain Boundaries. <i>Physical Review Applied</i> , 2022 , 17, | 4.3 | 1 |
| 135 | Temperature-sensitive spatial distribution of defects in PdSe2 flakes. <i>Physical Review Materials</i> , 2021 , 5, | 3.2 | 3 |
| 134 | Enhanced Valley Polarization of Bilayer MoSe with Variable Stacking Order and Interlayer Coupling. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5879-5888 | 6.4 | 2 |
| 133 | Lattice-Matched Metal-Semiconductor Heterointerface in Monolayer CuTe. <i>ACS Nano</i> , 2021 , 15, 3415-3422 | 20.7 | 8 |
| 132 | Quantum Interferences of Pseudospin-Mediated Atomic-Scale Vortices in Monolayer Graphene. <i>Nano Letters</i> , 2021 , 21, 2526-2531 | 11.5 | 1 |
| 131 | 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 | 3.6 | 1 |
| 130 | Oscillations of the Spacing between van Hove Singularities Induced by sub-Ångstrom Fluctuations of Interlayer Spacing in Graphene Superlattices.. <i>Physical Review Letters</i> , 2021 , 127, 266801 | 7.4 | 4 |
| 129 | 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 | 7.4 | 9 |
| 128 | Enhancement of the Photoelectrocatalytic H2 Evolution on a Rutile-TiO2(001) Surface Decorated with Dendritic MoS2 Monolayer Nanoflakes. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5756-5764 | 6.1 | 8 |
| 127 | Coulomb interaction in quasibound states of graphene quantum dots. <i>Physical Review B</i> , 2020 , 101, | 3.3 | 9 |
| 126 | Valley Polarization and Inversion in Strained Graphene via Pseudo-Landau Levels, Valley Splitting of Real Landau Levels, and Confined States. <i>Physical Review Letters</i> , 2020 , 124, 106802 | 7.4 | 27 |
| 125 | Spectroscopic characterization of Landau-level splitting and the intermediate $\nu=0$ phase in bilayer graphene. <i>Physical Review B</i> , 2020 , 101, | 3.3 | 1 |
| 124 | Enhancement of Rashba spin-orbit coupling by electron confinement at the LaAlO/SrTiO interface. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 235003 | 1.8 | 1 |
| 123 | Nanoscale probing of broken-symmetry states in graphene induced by individual atomic impurities. <i>Physical Review B</i> , 2020 , 101, | 3.3 | 3 |

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| 122 | Movable Valley Switch Driven by Berry Phase in Bilayer-Graphene Resonators. <i>Physical Review Letters</i> , 2020 , 124, 166801 | 7.4 | 6 |
| 121 | Twistronics in graphene-based van der Waals structures. <i>Chinese Physics B</i> , 2020 , 29, 117303 | 1.2 | 7 |
| 120 | Large linear magnetoresistance caused by disorder in WTe thin film. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 355703 | 1.8 | 1 |
| 119 | Planar Hall effect induced by anisotropic orbital magnetoresistance in type-II Dirac semimetal PdTe. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 015702 | 1.8 | 11 |
| 118 | Tunable magnetism of a single-carbon vacancy in graphene. <i>Science Bulletin</i> , 2020 , 65, 194-200 | 10.6 | 11 |
| 117 | Robust atomic-structure of the $\sqrt{3} \times \sqrt{3}$ reconstruction surface of Ge(110) protected by the electronically transparent graphene monolayer. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 22711-22718 | 2.6 | 1 |
| 116 | Spectroscopic Evidence for a Spin- and Valley-Polarized Metallic State in a Nonmagic-Angle Twisted Bilayer Graphene. <i>ACS Nano</i> , 2020 , 14, 13081-13090 | 16.7 | 3 |
| 115 | Relativistic Artificial Molecules Realized by Two Coupled Graphene Quantum Dots. <i>Nano Letters</i> , 2020 , 20, 6738-6743 | 11.5 | 4 |
| 114 | Experimental evidence for orbital magnetic moments generated by moiré-scale current loops in twisted bilayer graphene. <i>Physical Review B</i> , 2020 , 102, | 3.3 | 16 |
| 113 | Local Berry Phase Signatures of Bilayer Graphene in Intervalley Quantum Interference. <i>Physical Review Letters</i> , 2020 , 125, 116804 | 7.4 | 8 |
| 112 | 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, | 3.3 | 9 |
| 111 | Observation of phonon peaks and electron-phonon bound states in graphene. <i>Physical Review B</i> , 2019 , 100, | 3.3 | 5 |
| 110 | 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, | 3.3 | 24 |
| 109 | Magnetism near half-filling of a Van Hove singularity in twisted graphene bilayer. <i>Physical Review B</i> , 2019 , 99, | 3.3 | 19 |
| 108 | Nanoscale detection of valley-dependent spin splitting around atomic defects of graphene. <i>2D Materials</i> , 2019 , 6, 031005 | 5.9 | 11 |
| 107 | High-Magnetic-Field Tunneling Spectra of ABC-Stacked Trilayer Graphene on Graphite. <i>Physical Review Letters</i> , 2019 , 122, 146802 | 7.4 | 15 |
| 106 | Scanning tunneling microscopy study of the quasicrystalline 30° twisted bilayer graphene. <i>2D Materials</i> , 2019 , 6, 045041 | 5.9 | 14 |
| 105 | Programmable graphene nanobubbles with three-fold symmetric pseudo-magnetic fields. <i>Nature Communications</i> , 2019 , 10, 3127 | 17.4 | 35 |

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| 104 | Controlled synthesis of 2D MoC/graphene heterostructure on liquid Au substrates as enhanced electrocatalytic electrodes. <i>Nanotechnology</i> , 2019 , 30, 385601 | 3.4 | 28 |
| 103 | Mo Concentration Controls the Morphological Transitions from Dendritic to Semicompact, and to Compact Growth of Monolayer Crystalline MoS on Various Substrates. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 42751-42759 | 9.5 | 16 |
| 102 | Imaging the dynamics of an individual hydrogen atom intercalated between two graphene sheets. <i>Physical Review B</i> , 2018 , 97, | 3.3 | 5 |
| 101 | Influence of In-Gap States on the Formation of Two-Dimensional Election Gas at ABO/SrTiO Interfaces. <i>Scientific Reports</i> , 2018 , 8, 195 | 4.9 | 5 |
| 100 | Scanning tunneling microscopy and spectroscopy of twisted trilayer graphene. <i>Physical Review B</i> , 2018 , 97, | 3.3 | 17 |
| 99 | Generating atomically sharp pñ junctions in graphene and testing quantum electron optics on the nanoscale. <i>Physical Review B</i> , 2018 , 97, | 3.3 | 28 |
| 98 | Formation of Two-dimensional Electron Gas at Amorphous/Crystalline Oxide Interfaces. <i>Scientific Reports</i> , 2018 , 8, 404 | 4.9 | 17 |
| 97 | Magnetic-field-controlled negative differential conductance in scanning tunneling spectroscopy of graphene npn junction resonators. <i>Physical Review B</i> , 2018 , 97, | 3.3 | 13 |
| 96 | High-resolution tunneling spectroscopy of ABA-stacked trilayer graphene. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 5 |
| 95 | Conductivity and band alignment of LaCrO 3 /SrTiO 3 (111) heterostructure. <i>Chinese Physics B</i> , 2018 , 27, 047301 | 1.2 | 3 |
| 94 | Controlling the dendritic structure and the photo-electrocatalytic properties of highly crystalline MoS 2 on sapphire substrate. <i>2D Materials</i> , 2018 , 5, 031015 | 5.9 | 9 |
| 93 | Two-dimensional spinodal interface in one-step grown graphene-molybdenum carbide heterostructures. <i>Physical Review Materials</i> , 2018 , 2, | 3.2 | 6 |
| 92 | Spin-Polarized Semiconducting Band Structure of Monolayer Graphene on Ni(111). <i>Physical Review Applied</i> , 2018 , 10, | 4.3 | 4 |
| 91 | 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 | |
| 90 | Twisted graphene bilayer around the first magic angle engineered by heterostrain. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 43 |
| 89 | Spatial confinement, magnetic localization, and their interactions on massless Dirac fermions. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 7 |
| 88 | Modulating the Electronic Properties of Graphene by Self-Organized Sulfur Identical Nanoclusters and Atomic Superlattices Confined at an Interface. <i>ACS Nano</i> , 2018 , 12, 10984-10991 | 16.7 | 14 |
| 87 | Large negative magnetoresistance driven by enhanced weak localization and Kondo effect at the interface of LaAlO3 and Fe-doped SrTiO3. <i>Physical Review B</i> , 2018 , 98, | 3.3 | 13 |

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| 86 | Tunneling Spectra of a Quasifreestanding Graphene Monolayer. <i>Physical Review Applied</i> , 2018 , 9, | 4.3 | 19 |
| 85 | Bound states in nanoscale graphene quantum dots in a continuous graphene sheet. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 19 |
| 84 | Observation of chirality transition of quasiparticles at stacking solitons in trilayer graphene. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 14 |
| 83 | Landau quantization of Dirac fermions in graphene and its multilayers. <i>Frontiers of Physics</i> , 2017 , 12, 1 | 3.7 | 35 |
| 82 | Stacking transition in bilayer graphene caused by thermally activated rotation. <i>2D Materials</i> , 2017 , 4, 011013 | 5.9 | 18 |
| 81 | Splitting of Van Hove singularities in slightly twisted bilayer graphene. <i>Physical Review B</i> , 2017 , 96, | 3.3 | 23 |
| 80 | Scanning tunneling microscopy and spectroscopy of finite-size twisted bilayer graphene. <i>Physical Review B</i> , 2017 , 96, | 3.3 | 9 |
| 79 | Massless Dirac fermions trapping in a quasi-one-dimensional npn junction of a continuous graphene monolayer. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 19 |
| 78 | One-step synthesis of van der Waals heterostructures of graphene and two-dimensional superconducting Mo ₂ C. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 40 |
| 77 | Temperature dependence of the conductive layer thickness at the LaAlO ₃ /SrTiO ₃ heterointerface. <i>Physical Review B</i> , 2017 , 96, | 3.3 | 5 |
| 76 | Experimental observation of surface states and Landau levels bending in bilayer graphene. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 24 |
| 75 | Spatially resolving unconventional interface Landau quantization in a graphene monolayer-bilayer planar junction. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 13 |
| 74 | 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, | 3.3 | 1 |
| 73 | Energy gaps of atomically precise armchair graphene sidewall nanoribbons. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 38 |
| 72 | Observation of quantum Griffiths singularity and ferromagnetism at the superconducting LaAlO ₃ /SrTiO ₃ (110) interface. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 29 |
| 71 | Direct imaging of topological edge states at a bilayer graphene domain wall. <i>Nature Communications</i> , 2016 , 7, 11760 | 17.4 | 116 |
| 70 | Dielectric Engineering of a Boron Nitride/Hafnium Oxide Heterostructure for High-Performance 2D Field Effect Transistors. <i>Advanced Materials</i> , 2016 , 28, 2062-9 | 24 | 48 |
| 69 | Wide-band-gap wrinkled nanoribbon-like structures in a continuous metallic graphene sheet. <i>Physical Review B</i> , 2016 , 94, | 3.3 | 4 |

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| 68 | Scanning Tunneling Microscopy of the Magnetism of a Single Carbon Vacancy in Graphene. <i>Physical Review Letters</i> , 2016 , 117, 166801 | 7.4 | 87 |
| 67 | Direct probing of the stacking order and electronic spectrum of rhombohedral trilayer graphene with scanning tunneling microscopy. <i>Physical Review B</i> , 2015 , 91, | 3.3 | 21 |
| 66 | Landau quantization in graphene monolayer, Bernal bilayer, and Bernal trilayer on graphite surface. <i>Physical Review B</i> , 2015 , 91, | 3.3 | 45 |
| 65 | Experimental evidence for non-Abelian gauge potentials in twisted graphene bilayers. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 52 |
| 64 | Reconstruction of electrostatic field at the interface leads to formation of two-dimensional electron gas at multivalent (110)LaAlO ₃ /SrTiO ₃ interfaces. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 10 |
| 63 | 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, | 3.3 | 29 |
| 62 | Observation of unconventional splitting of Landau levels in strained graphene. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 37 |
| 61 | Atomic resolution imaging of the two-component Dirac-Landau levels in a gapped graphene monolayer. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 23 |
| 60 | Landau quantization and Fermi velocity renormalization in twisted graphene bilayers. <i>Physical Review B</i> , 2015 , 92, | 3.3 | 49 |
| 59 | Origin of room-temperature single-channel ballistic transport in zigzag graphene nanoribbons. <i>Science China Materials</i> , 2015 , 58, 677-682 | 7.1 | 4 |
| 58 | Layer-stacking growth and electrical transport of hierarchical graphene architectures. <i>Advanced Materials</i> , 2014 , 26, 3218-24 | 24 | 30 |
| 57 | Graphene: Layer-Stacking Growth and Electrical Transport of Hierarchical Graphene Architectures (Adv. Mater. 20/2014). <i>Advanced Materials</i> , 2014 , 26, 3355-3355 | 24 | |
| 56 | Graphene: Controlled Growth of Single-Crystal Twelve-Pointed Graphene Grains on a Liquid Cu Surface (Adv. Mater. 37/2014). <i>Advanced Materials</i> , 2014 , 26, 6519-6519 | 24 | 1 |
| 55 | Creating one-dimensional nanoscale periodic ripples in a continuous mosaic graphene monolayer. <i>Physical Review Letters</i> , 2014 , 113, 086102 | 7.4 | 97 |
| 54 | Angle-dependent van Hove singularities and their breakdown in twisted graphene bilayers. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 40 |
| 53 | Controlled growth of single-crystal twelve-pointed graphene grains on a liquid Cu surface. <i>Advanced Materials</i> , 2014 , 26, 6423-9 | 24 | 50 |
| 52 | Unveiling the structural origin of the high carrier mobility of a molecular monolayer on boron nitride. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 12 |
| 51 | In-plane chiral tunneling and out-of-plane valley-polarized quantum tunneling in twisted graphene trilayer. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 6 |

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|----|--|------|-----|
| 50 | Creating in-plane pseudomagnetic fields in excess of 1000 T by misoriented stacking in a graphene bilayer. <i>Physical Review B</i> , 2014 , 89, | 3.3 | 29 |
| 49 | Two-dimensional quasi-freestanding molecular crystals for high-performance organic field-effect transistors. <i>Nature Communications</i> , 2014 , 5, 5162 | 17.4 | 270 |
| 48 | Tuning structures and electronic spectra of graphene layers with tilt grain boundaries. <i>Physical Review B</i> , 2014 , 89, | 3.3 | 37 |
| 47 | Carrier-mediated Kondo effect and Hall mobility by electrolyte gating in slightly doped anatase TiO ₂ films. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 6 |
| 46 | Two-dimensional superconductivity at (110) LaAlO ₃ /SrTiO ₃ interfaces. <i>Applied Physics Letters</i> , 2014 , 105, 192603 | 3.4 | 24 |
| 45 | Coupled spin and pseudomagnetic field in graphene nanoribbons. <i>Physical Review B</i> , 2013 , 88, | 3.3 | 10 |
| 44 | Strain and curvature induced evolution of electronic band structures in twisted graphene bilayer. <i>Nature Communications</i> , 2013 , 4, 2159 | 17.4 | 127 |
| 43 | Hierarchy of graphene wrinkles induced by thermal strain engineering. <i>Applied Physics Letters</i> , 2013 , 103, 251610 | 3.4 | 71 |
| 42 | Superlattice Dirac points and space-dependent Fermi velocity in a corrugated graphene monolayer. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 48 |
| 41 | Electronic structures of graphene layers on a metal foil: The effect of atomic-scale defects. <i>Applied Physics Letters</i> , 2013 , 103, 143120 | 3.4 | 31 |
| 40 | Coexistence of van Hove singularities and superlattice Dirac points in a slightly twisted graphene bilayer. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 33 |
| 39 | Chiral tunneling in a twisted graphene bilayer. <i>Physical Review Letters</i> , 2013 , 111, 066803 | 7.4 | 55 |
| 38 | Strain-induced one-dimensional Landau level quantization in corrugated graphene. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 63 |
| 37 | Ultrathin Fe ₂ O ₃ Nanoribbons and Their Moiré Patterns. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 6879-6883 | 3.8 | 12 |
| 36 | Single-layer behavior and slow carrier density dynamic of twisted graphene bilayer. <i>Applied Physics Letters</i> , 2012 , 100, 091601 | 3.4 | 17 |
| 35 | Angle-dependent van Hove singularities in a slightly twisted graphene bilayer. <i>Physical Review Letters</i> , 2012 , 109, 126801 | 7.4 | 164 |
| 34 | Anomalous magnetic properties of 7 nm single-crystal Co ₃ O ₄ nanowires. <i>Journal of Applied Physics</i> , 2012 , 111, 013910 | 2.5 | 14 |
| 33 | Observation of Landau-level-like quantization at 77 K along a strained-induced graphene ridge. <i>Physical Review B</i> , 2012 , 85, | 3.3 | 51 |

- 32 Enhanced intervalley scattering of twisted bilayer graphene by periodic AB stacked atoms. *Physical Review B*, **2012**, 85, 3.3 23
- 31 Flat bands near Fermi level of topological line defects on graphite. *Applied Physics Letters*, **2012**, 101, 113113 3.4 27
- 30 Stabilization variation of organic conductor surfaces induced by π -stacking interactions. *Chinese Physics B*, **2012**, 21, 056801 1.2
- 29 Zero-bias anomaly in one-dimensional ultrathin metallic nanowires. *AIP Advances*, **2012**, 2, 032143 1.5 7
- 28 Ultrathin Co₃O₄ nanowires with high catalytic oxidation of CO. *Chemical Communications*, **2011**, 47, 1127981 5.8 77
- 27 Ultrathin Au-Ag bimetallic nanowires with Coulomb blockade effects. *Chemical Communications*, **2011**, 47, 5160-2 5.8 67
- 26 Transition metal oxide nanowires synthesized by heating metal substrates. *Materials Research Bulletin*, **2011**, 46, 2120-2124 5.1 10
- 25 The Ho thickness dependence of spin-triplet supercurrents in Nb/Ho/Co/Ho/Nb films. *Solid State Communications*, **2011**, 151, 651-652 1.6 2
- 24 Zero-magnetization ferromagnet induced by hydrogenation. *Solid State Communications*, **2011**, 151, 985-987 1.6 4
- 23 Periodic magnetoresistance oscillations induced by superconducting vortices in single crystal Au nanowires. *Nanotechnology*, **2011**, 22, 445704 3.4 2
- 22 Effect of exchange-type zero-bias anomaly on single-electron tunneling of Au nanoparticles. *Physical Review B*, **2011**, 84, 3.3 3
- 21 Comment on "Coexistence of Coulomb blockade and zero bias anomaly in a strongly coupled nanodot". *Physical Review Letters*, **2011**, 107, 079701; author reply 079702 7.4 4
- 20 Parallel versus antiparallel interfacial exchange coupling in ferromagnet/spin-glasses. *Journal of Applied Physics*, **2011**, 109, 123915 2.5 5
- 19 Scanning tunnelling microscope studies of angstrom-scale Co₃O₄ nanowires. *Nanotechnology*, **2010**, 21, 335605 3.4 11
- 18 Comment on "Evidence for quantization of mechanical rotation of magnetic nanoparticles". *Physical Review Letters*, **2010**, 105, 049701; author reply 049702 7.4 0
- 17 Comment on "Coexistence of ferromagnetism and superconductivity in Sn nanoparticles" *Physical Review B*, **2010**, 82, 3.3 1
- 16 Comment on "Diameter dependence of ferromagnetic spin moment in Au nanocrystals" *Physical Review B*, **2010**, 81, 3.3 9
- 15 Inhibited single-electron transfer by electronic band gap of two-dimensional Au quantum dot superlattice. *Applied Physics Letters*, **2010**, 97, 113101 3.4 7

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| 14 | Unexpected Magnetic Moments in Ultrafine Diamagnetic Systems. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 12487-12489 | 3.8 | 5 |
| 13 | Evidence for surface states in a single 3 nm diameter Co ₃ O ₄ nanowire. <i>Applied Physics Letters</i> , 2010 , 96, 262106 | 3.4 | 7 |
| 12 | Competition of the antiferromagnetic superexchange with the ferromagnetic double exchange in dicobalt complexes. <i>Applied Physics Letters</i> , 2010 , 97, 182509 | 3.4 | 5 |
| 11 | Hexagonal close-packed nickel or Ni ₃ C?. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1991-1993 | 4.8 | |
| 10 | The magnetic ordering temperature of Cu, Mn, and Fe elements in. <i>Solid State Communications</i> , 2010 , 150, 187-188 | 1.6 | 2 |
| 9 | Origin of the anomalous size dependent blocking temperature of nanoparticles. <i>Solid State Communications</i> , 2010 , 150, 743-745 | 1.6 | 5 |
| 8 | Weak ferromagnetism and spin-glass state with nanosized nickel carbide. <i>Journal of Applied Physics</i> , 2009 , 105, 123923 | 2.5 | 19 |
| 7 | Ni/Ni ₃ C core-shell nanochains and its magnetic properties: one-step synthesis at low temperature. <i>Nano Letters</i> , 2008 , 8, 1147-52 | 11.5 | 90 |
| 6 | Collective magnetization flux closure state with circular array of single-domain nanomagnets: Magnetization reversal and chirality control. <i>Journal of Applied Physics</i> , 2008 , 103, 114312 | 2.5 | 7 |
| 5 | Effect of temperature-dependent shape anisotropy on coercivity for aligned Stoner-Wohlfarth soft ferromagnets. <i>Physical Review B</i> , 2007 , 75, | 3.3 | 38 |
| 4 | Facile synthesis of monodisperse Mn ₃ O ₄ tetragonal nanoparticles and their large-scale assembly into highly regular walls by a simple solution route. <i>Small</i> , 2007 , 3, 606-10 | 11 | 95 |
| 3 | Anisotropy and magnetization reversal with chains of submicron-sized Co hollow spheres. <i>Physical Review B</i> , 2007 , 75, | 3.3 | 19 |
| 2 | Finite size effect on Néel temperature with Co ₃ O ₄ nanoparticles. <i>Journal of Applied Physics</i> , 2007 , 102, 103911 | 2.5 | 82 |
| 1 | Size-dependent magnetic properties of nickel nanochains. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 036216 | 1.8 | 36 |