# Shimpei Ono

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7906233/publications.pdf

Version: 2024-02-01

| 137 | 8,444 | 66315 | 43868 |
|---|---|---|---|
| papers | citations | 42 h-index | 91 g-index |

| 139 | 139 | 139 | 8029 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Magnetoâ€ionics in Annealed W/CoFeB/HfO<sub>2</sub> Thin Films. Advanced Materials Interfaces, 2022, 9, . | 1.9 | 10 |
| 2 | Dynamic electron correlations with charge order wavelength along all directions in the copper oxide plane. Nature Communications, 2021, 12, 597. | 5.8 | 21 |
| 3 | Normal state specific heat in the cuprate superconductors <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> | 1.1 | 26 |
| 4 | Multiple Magnetoionic Regimes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Ta/Co</mml:mi><mml:mn>20</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>20</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>20</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mrow><mml:mi>Hf</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. | 1.5 | 8 |
| 5 | Physical Review Applied, 2021, 15, . | 1.1 | 15 |
| 6 | Calculation of an Enhanced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Mode Induced by Higgs Oscillations in the Raman Spectrum of High-Temperature Cuprate Superconductors. Physical Review Letters, 2021, 127, 197001. | 2.9 | 6 |
| 7 | Spectral weight of hole-doped cuprates across the pseudogap critical point. Physical Review Research, 2021, 3, . | 1.3 | 6 |
| 8 | Vibrational Energy Harvester with Electric Double Layer Electrets. , 2020, , . | | 0 |
| 9 | Controlling the magnetic proximity effect and anomalous Hall effect in CoFe<sub>2</sub>O<sub>4</sub>/Pt by ionic gating. Applied Physics Express, 2020, 13, 063004. | 1.1 | 4 |
| 10 | Hidden magnetism at the pseudogap critical point of a cuprate superconductor. Nature Physics, 2020, 16, 1064-1068. | 6.5 | 58 |
| 11 | Giant Photoâ€induced Current Enhancement in a Coreâ€“Shellâ€Type Quantumâ€Dot Thin Film. Advanced Electronic Materials, 2020, 6, 1901069. | 2.6 | 5 |
| 12 | High performance electric double layer transistors using solvate ionic liquids. Japanese Journal of Applied Physics, 2020, 59, 030901. | 0.8 | 2 |
| 13 | Giant thermal Hall conductivity in the pseudogap phase of cuprate superconductors. Nature, 2019, 571, 376-380. | 13.7 | 105 |
| 14 | The actual electronic band structure of a rubrene single crystal. Scientific Reports, 2019, 9, 9645. | 1.6 | 18 |
| 15 | III-V semicondutor nanostructures and iontronics: InAs nanowire-based electric double layer field effect transistors. AIP Conference Proceedings, 2019, , . | 0.3 | 4 |
| 16 | Nonvolatile Ionic Modification of the Dzyaloshinskii-Moriya Interaction. Physical Review Applied, 2019, 12, . | 1.5 | 59 |
| 17 | Improvement of the stability of an electric double-layer transistor using a 1H,1H,2H,2H-perfluorodecyltriethoxysilane barrier layer. Japanese Journal of Applied Physics, 2019, 58, 040907. | 0.8 | 1 |
| 18 | Ionicâ€Liquid Gating of InAs Nanowireâ€Based Fieldâ€Effect Transistors. Advanced Functional Materials, 2019, 29, 1804378. | 7.8 | 37 |

| # | Article | IF | Citations |
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| 19 | Densities, Viscosities, and Refractive Indices of Binary Room-Temperature Ionic Liquids with Common Cations/Anions. Journal of Chemical & Engineering Data, 2019, 64, 433-441. | 1.0 | 14 |
| 20 | Fabrication of Solidified Ionic Liquid with 3D Microstructures and Its Application to Vibration Energy Harvester. Sensors and Materials, 2019, 31, 2527. | 0.3 | 6 |
| 21 | Structural Switching of Self-Assembled Monolayer by External Electric Field. E-Journal of Surface Science and Nanotechnology, 2018, 16, 76-78. | 0.1 | 0 |
| 22 | Microscopic Investigation into the Electric Field Effect on Proximity-Induced Magnetism in Pt. Physical Review Letters, 2018, 120, 157203. | 2.9 | 26 |
| 23 | Electric-field effect on magnetic anisotropy in Pt/Co/Pd/MgO structures deposited on GaAs and Si substrates. Applied Physics Express, 2018, 11, 013003. | 1.1 | 13 |
| 24 | Triboelectric energy harvesting with surface-charge-fixed polymer based on ionic liquid. Science and Technology of Advanced Materials, 2018, 19, 317-323. | 2.8 | 24 |
| 25 | Electric-field control of magnetism in a few-layered van der Waals ferromagnetic semiconductor. Nature Nanotechnology, 2018, 13, 554-559. | 15.6 | 466 |
| 26 | Electric field effect on exchange interaction in ultrathin Co films with ionic liquids. Applied Physics Express, 2018, 11, 063002. | 1.1 | 3 |
| 27 | High Current Injection into Dynamic pâ€“n Homojunction in Polymer Lightâ€Emitting Electrochemical Cells. Advanced Materials, 2017, 29, 1606392. | 11.1 | 35 |
| 28 | Electrical control of superparamagnetism. Applied Physics Express, 2017, 10, 013004. | 1.1 | 5 |
| 29 | Electric field controlled domain wall dynamics and magnetic easy axis switching in liquid gated CoFeB/MgO films. Journal of Applied Physics, 2017, 122, . | 1.1 | 18 |
| 30 | Electric-field-induced on/off switching of the Faraday effect. Applied Physics Express, 2017, 10, 123201. | 1.1 | 4 |
| 31 | New type of energy harvester with electric double layer electrets. , 2017, , . | | 1 |
| 32 | Design and New Energy Application of Ionic Liquids. RSC Smart Materials, 2017, , 365-389. | 0.1 | 2 |
| 33 | Electrostatic vibrational energy harvester with ionic liquid and potassium-ion-electret. Journal of Physics: Conference Series, 2016, 773, 012068. | 0.3 | 3 |
| 34 | High-density carrier-accumulated and electrically stable oxide thin-film transistors from ion-gel gate dielectric. Scientific Reports, 2016, 5, 18168. | 1.6 | 24 |
| 35 | Ionic-liquid gating of perpendicularly magnetised CoFeB/MgO thin films. Journal of Applied Physics, 2016, 120, . | 1.1 | 11 |
| 36 | Determination of optimal ionic liquid for organic single-crystal field-effect transistors. Applied Physics Letters, 2016, 108, . | 1.5 | 15 |

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| 37 | Peculiar temperature dependence of electric-field effect on magnetic anisotropy in Co/Pd/MgO system. Applied Physics Letters, 2016, 109, . | 1.5 | 34 |
| 38 | Enhanced thermopower in ZnO two-dimensional electron gas. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6438-6443. | 3.3 | 35 |
| 39 | Control of magnetic anisotropy in Pt/Co system using ionic liquid gating. Applied Physics Express, 2016, 9, 063007. | 1.1 | 35 |
| 40 | A novel vibrational energy harvester with electric double layer electrets. Journal of Physics: Conference Series, 2016, 773, 012074. | 0.3 | 5 |
| 41 | Dielectric and magnetic characterizations of capacitor structures with an ionic liquid/MgO barrier and a ferromagnetic Pt electrode. AIP Advances, 2016, 6, 115305. | 0.6 | 2 |
| 42 | A Solidified Ionic Liquid for Vibrational Energy Harvesters. IEEJ Transactions on Sensors and Micromachines, 2016, 136, 274-275. | 0.0 | 0 |
| 43 | Enhanced cryogenic thermopower in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><m by ionic gating. Physical Review B, 2015, 92, . | 1.1 | 22 |
| 44 | Electric-field control of magnetic moment in Pd. Scientific Reports, 2015, 5, 14303. | 1.6 | 50 |
| 45 | Electric field modulation of magnetic anisotropy in perpendicularly magnetized Pt/Co structure with a Pd top layer. Applied Physics Express, 2015, 8, 113002. | 1.1 | 36 |
| 46 | High Performance Organic Field-Effect Transistors with High-k Insulator Deposited Directly onto the Organic Semiconductor. Journal of the Vacuum Society of Japan, 2015, 58, 104-108. | 0.3 | 0 |
| 47 | Soft Electret Gel For Low Frequency Vibrational Energy Harvesters. Journal of Physics: Conference Series, 2015, 660, 012004. | 0.3 | 2 |
| 48 | Electric-field assisted depinning and nucleation of magnetic domain walls in FePt/Al2O3/liquid gate structures. Applied Physics Letters, 2014, 104, . | 1.5 | 10 |
| 49 | Observation and suppression of quantized spin waves in microfabricated permalloy elements. Japanese Journal of Applied Physics, 2014, 53, 04EM01. | 0.8 | 0 |
| 50 | High performance organic field-effect transistors with ultra-thin HfO2 gate insulator deposited directly onto the organic semiconductor. Applied Physics Letters, 2014, 104, . | 1.5 | 36 |
| 51 | Characterization of spin pumping effect in Permalloy/Cu/Pt microfabricated lateral devices. Journal of Applied Physics, 2014, 115, 17C505. | 1.1 | 3 |
| 52 | Ubiquitous Interplay Between Charge Ordering and High-Temperature Superconductivity in Cuprates. Science, 2014, 343, 393-396. | 6.0 | 506 |
| 53 | Static and Transport Properties of Alkyltrimethylammonium Cation-Based Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2014, 118, 4590-4599. | 1.2 | 17 |
| 54 | Optical Properties of the Cuâ€“O Plane in the Bi2Sr2â^'x La x CuO6 Family. Journal of Superconductivity and Novel Magnetism, 2013, 26, 969-977. | 0.8 | 0 |

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| 55 | Detection of electronic nematicity using scanning tunneling microscopy. Physical Review B, 2013, 87, . | 1.1 | 25 |
| 56 | Gate Control of Electronic Phases in a Quarter-Filled Manganite. Scientific Reports, 2013, 3, 2904. | 1.6 | 36 |
| 57 | High-Performance Organic Field-Effect Transistors with Ionic Liquids. Hyomen Kagaku, 2013, 34, 204-209. | 0.0 | 0 |
| 58 | Structural study of Bi2Sr2CaCu2O8+Î´ exfoliated nanocrystals. Applied Physics Letters, 2012, 101, 223106. | 1.5 | 4 |
| 59 | Electrical control of Curie temperature in cobalt using an ionic liquid film. Applied Physics Letters, 2012, 100, . | 1.5 | 128 |
| 60 | Electric Field Effect on Magnetization of an Fe Ultrathin Film. Applied Physics Express, 2012, 5, 063007. | 1.1 | 15 |
| 61 | Organic single crystal transistor characteristics of single-crystal phase pentacene grown by ionic liquid-assisted vacuum deposition. Applied Physics Letters, 2012, 101, 083303. | 1.5 | 51 |
| 62 | Optically pumped amplified spontaneous emission in an ionic liquid-based polymer light-emitting electrochemical cell. Applied Physics Letters, 2012, 100, 263301. | 1.5 | 32 |
| 63 | Collective bulk carrier delocalization driven by electrostatic surface charge accumulation. Nature, 2012, 487, 459-462. | 13.7 | 659 |
| 64 | Ambipolar Organic Singleâ€Crystal Transistors Based on Ion Gels. Advanced Materials, 2012, 24, 4392-4397. | 11.1 | 82 |
| 65 | Bandâ€Like Electron Transport in Organic Transistors and Implication of the Molecular Structure for Performance Optimization. Advanced Materials, 2012, 24, 503-508. | 11.1 | 255 |
| 66 | Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, . | 1.1 | 20 |
| 67 | An extended infrared study of thep,Tphase diagram of thep-doped Cuâ€“O plane. New Journal of Physics, 2011, 13, 123009. | 1.2 | 12 |
| 68 | Quantitative comparison of single- and two-particle properties in the cuprates. European Physical Journal: Special Topics, 2010, 188, 163-171. | 1.2 | 13 |
| 69 | Electronic phase diagram of La2â^'Sr CuO4 thin films from Mott insulator to n-type metal probed by hall effect measurements. Physica C: Superconductivity and Its Applications, 2010, 470, S127-S128. | 0.6 | 0 |
| 70 | Electricâ€Field Control of the Metalâ€Insulator Transition in Ultrathin NdNiO<sub>3</sub> Films. Advanced Materials, 2010, 22, 5517-5520. | 11.1 | 265 |
| 71 | Fluctuating stripes at the onset of the pseudogap in the high-Tc superconductor Bi2Sr2CaCu2O8+x. Nature, 2010, 468, 677-680. | 13.7 | 210 |
| 72 | High-Temperature Optical Spectral Weight and Fermi-liquid Renormalization in Bi-Based Cuprate Superconductors. Physical Review Letters, 2010, 105, 077002. | 2.9 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Stability of exfoliated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2010, 82, . | 1.1 | 37 |
| 74 | Small gap semiconducting organic charge-transfer interfaces. Applied Physics Letters, 2010, 96, 232102. | 1.5 | 28 |
| 75 | High-performance n-type organic field-effect transistors with ionic liquid gates. Applied Physics Letters, 2010, 97, . | 1.5 | 58 |
| 76 | Very Low-Voltage Operation of Ionic Liquid-Gated n-Type Organic Field-Effect Transistors. Japanese Journal of Applied Physics, 2010, 49, 01AB13. | 0.8 | 8 |
| 77 | Nanoscale Proximity Effect in the High-Temperature Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></m a Scanning Tunneling Microscope. Physical Review Letters, 2010, 104, 117001. | 7.6 | 29 |
| 78 | Diamagnetism and Cooper pairing above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:mrow></mml:ma in cuprates. Physical Review B, 2010, 81, . | 1.1 | 242 |
| 79 | An electronâ€“boson glue function derived from electronic Raman scattering. Journal of Physics Condensed Matter, 2010, 22, 375702. | 0.7 | 16 |
| 80 | Infrared and THz study of the hole-doped Cu-O plane in its whole phase diagram. , 2010, , . | | 0 |
| 81 | Josephson scanning tunneling microscopy: A local and direct probe of the superconducting order parameter. Physical Review B, 2009, 80, . | 1.1 | 23 |
| 82 | Far-Infrared Absorption and the Metal-to-Insulator Transition in Hole-Doped Cuprates. Physical Review Letters, 2009, 102, 206409. | 2.9 | 29 |
| 83 | A comparative study of organic single-crystal transistors gated with various ionic-liquid electrolytes. Applied Physics Letters, 2009, 94, . | 1.5 | 154 |
| 84 | Study of Solid/liquid Interfaces in Organic Field-effect Transistors with Ionic Liquids. Materials Research Society Symposia Proceedings, 2009, 1154, 1. | 0.1 | 0 |
| 85 | High-performance organic field-effect transistors with binary ionic liquids. Organic Electronics, 2009, 10, 1579-1582. | 1.4 | 15 |
| 86 | Extending Universal Nodal Excitations Optimizes Superconductivity in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+Î´</sub>. Science, 2009, 324, 1689-1693. | 6.0 | 107 |
| 87 | Low-voltage operation of n-type organic field-effect transistors with ionic liquid. Applied Physics Letters, 2009, 95, . | 1.5 | 47 |
| 88 | High-performance Organic Field-effect Transistors with Ionic Liquids. Electrochemistry, 2009, 77, 617-620. | 0.6 | 1 |
| 89 | Mapping of the formation of the pairing gap in. Journal of Physics and Chemistry of Solids, 2008, 69, 3034-3038. | 1.9 | 5 |
| 90 | High-mobility, low-power, and fast-switching organic field-effect transistors with ionic liquids. Applied Physics Letters, 2008, 92, . | 1.5 | 187 |

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|---|---|---|---|
| 91 | Electronic Origin of the Inhomogeneous Pairing Interaction in the High- T <sub>c</sub> Superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+Î´</sub>. Science, 2008, 320, 196-201. | 6.0 | 186 |
| 92 | Doping evolution of the electronic structure in the single-layer cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â€™</mml:mo><mml:mi>x</mml:mi></mml:mrow></<br>mathvariant="normal">La</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:msub><mml:mi math. Physical Review B, 2008, 77, . | 1.1 | 71 |
| 93 | Electronic functionalization of solid-to-liquid interfaces between organic semiconductors and ionic liquids: Realization of very high performance organic single-crystal transistors. Applied Physics Letters, 2008, 93, . | 1.5 | 56 |
| 94 | Publisher's Note: Doping evolution of the electronic structure in the single-layer cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â€™</mml:mo><mml:mi>x</mml:mi></mml:mrow></<br>mathvariant="normal">La</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml. Physical Review B, 2008, 77, . | 1.1 | 1 |
| 95 | Doping dependence of phonon and quasiparticle heat transport of pure and Dy-dopedBi2Sr2CaCu2O8+Î´single crystals. Physical Review B, 2008, 77, . | 1.1 | 14 |
| 96 | Scanning Josephson Tunneling Microscopy of Single-Crystal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></<br>a Conventional Superconducting Tip. Physical Review Letters, 2008, 101, 037002. | 2.9 | 18 |
| 97 | Strong charge fluctuations manifested in the high-temperature Hall coefficient of high-Tccuprates. Physical Review B, 2007, 75, . | 1.1 | 89 |
| 98 | Muon spin relaxation study of superconductingBi2Sr2â€™xLaxCuO6+Î´. Physical Review B, 2007, 75, . | 1.1 | 32 |
| 99 | Gap distributions and spatial variation of electronic states in superconducting and pseudogap states of Bi2Sr2Ca2CuO8+Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 212-215. | 0.6 | 10 |
| 100 | Depairing field, onset temperature and the nature of the transition in cuprates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 48-51. | 0.6 | 3 |
| 101 | Magnetization, Nernst effect and vorticity in the cuprates. Journal of Magnetism and Magnetic Materials, 2007, 310, 460-466. | 1.0 | 16 |
| 102 | Visualizing pair formation on the atomic scale in the high-Tc superconductor Bi2Sr2CaCu2O8+Î´. Nature, 2007, 447, 569-572. | 13.7 | 414 |
| 103 | Doping Evolution of the Electronic Structure in the Single-layer Cuprate Bi2Sr2â€™xLaxCuO6+Î´. AIP Conference Proceedings, 2006, , . | 0.3 | 0 |
| 104 | Electronic Inhomogeneity and Breakdown of the Universal Thermal Conductivity of Cuprate Superconductors. Physical Review Letters, 2006, 96, 017008. | 2.9 | 42 |
| 105 | Negative Hall coefficients of heavily overdopedLa2â€™xSrxCuO4. Physical Review B, 2006, 74, . | 1.1 | 31 |
| 106 | Abrupt Transition in Quasiparticle Dynamics at Optimal Doping in a Cuprate Superconductor System. Physical Review Letters, 2005, 95, 117005. | 2.9 | 74 |
| 107 | Publisherâ€™s Note: Abrupt Transition in Quasiparticle Dynamics at Optimal Doping in a Cuprate Superconductor System [Phys. Rev. Lett.95, 117005 (2005)]. Physical Review Letters, 2005, 95, . | 2.9 | 0 |
| 108 | Constant effective mass across the phase diagram of high-Tccuprates. Physical Review B, 2005, 72, . | 1.1 | 120 |

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| 109 | Strongly nonlinear magnetization above T c in Bi 2 Sr 2 CaCu 2 O 8 + Î´. Europhysics Letters, 2005, 72, 451-457. | 0.7 | 67 |
| 110 | Evolution of the Hall Coefficient and the Peculiar Electronic Structure of the Cuprate Superconductors. Physical Review Letters, 2004, 92, 197001. | 2.9 | 179 |
| 111 | Signatures of bilayer splitting in thec-axis optical conductivity of double layer cuprates. Physical Review B, 2004, 69, . | 1.1 | 18 |
| 112 | Manifestation of the Magnetic Resonance Mode in the Nodal Quasiparticle Lifetime of the Superconducting Cuprates. Physical Review Letters, 2004, 92, 257006. | 2.9 | 45 |
| 113 | Quantum Phase Transitions in the Cuprate SuperconductorBi2Sr2â^'xLaxCuO6+Î´. Physical Review Letters, 2004, 92, 247004. | 2.9 | 46 |
| 114 | Yurgenset al.Reply:. Physical Review Letters, 2004, 92, . | 2.9 | 32 |
| 115 | Examination of thec-axis resistivity ofBi2Sr2â^'xLaxCuO6+Îin magnetic fields up to 58 T. Physical Review B, 2004, 70, . | 1.1 | 10 |
| 116 | Origin of the shadow Fermi surface inBi-based cuprates. Physical Review B, 2004, 69, . | 1.1 | 30 |
| 117 | Spin reorientation and in-plane magnetoresistance of lightly dopedLa2â^'xSrxCuO4in magnetic fields up to 55 T. Physical Review B, 2004, 70, . | 1.1 | 20 |
| 118 | Local Ordering in the Pseudogap State of the High-Tc Superconductor Bi2Sr2CaCu2O8+Â. Science, 2004, 303, 1995-1998. | 6.0 | 465 |
| 119 | Electronic standing waves on the surface of Bi2Sr2CaCu2O8+Î´. Physica C: Superconductivity and Its Applications, 2004, 408-410, 764-767. | 0.6 | 2 |
| 120 | Evidence for CuO conducting band splitting in the nodal direction ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2004, 70, . | 1.1 | 41 |
| 121 | Electronic Phase Diagram of High-TcCuprate Superconductors from a Mapping of the In-Plane Resistivity Curvature. Physical Review Letters, 2004, 93, 267001. | 2.9 | 306 |
| 122 | Signature of optimal doping in Hall-effect measurements on a high-temperature superconductor. Nature, 2003, 424, 912-915. | 13.7 | 121 |
| 123 | Anisotropic transport properties of Bi2Sr2â^'xLaxCuO6+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2003, 388-389, 321-322. | 0.6 | 5 |
| 124 | Dependence of Upper Critical Field and Pairing Strength on Doping in Cuprates. Science, 2003, 299, 86-89. | 6.0 | 178 |
| 125 | Evolution of the resistivity anisotropy inBi2Sr2â^'xLaxCuO6+Î´single crystals for a wide range of hole doping. Physical Review B, 2003, 67, . | 1.1 | 80 |
| 126 | Intrinsic Tunneling Spectra ofBi2(Sr2â^'xLax)CuO6+Î´. Physical Review Letters, 2003, 90, 147005. | 2.9 | 61 |

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| 127 | LOW-TEMPERATURE NORMAL-STATE HALL EFFECT IN HIGH-TcBi2Sr2-xLaxCuO6+Î´ REVEALED BY 60 T MAGNETIC FIELDS. International Journal of Modern Physics B, 2002, 16, 3171-3174. | 1.0 | 0 |
| 128 | Two mechanisms of pseudogap formation in Bi-2201: Evidence from the c -axis magnetoresistance. Europhysics Letters, 2002, 57, 267-273. | 0.7 | 42 |
| 129 | Zn-doping effect on the magnetotransport properties ofBi2Sr2â^'xLaxCuO6+Î´single crystals. Physical Review B, 2001, 64, . | 1.1 | 37 |
| 130 | Onset of the vortexlike Nernst signal aboveTcinLa2â^'xSrxCuO4andBi2Sr2â^'yLayCuO6. Physical Review B, 2001, 64, . | 1.1 | 291 |
| 131 | Low-temperature normal state of Bi2Sr2â^'xLaxCuO6+Î´: comparison with La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 2001, 357-360, 138-141. | 0.6 | 9 |
| 132 | Scanning Tunneling Spectroscopy ofBi2Sr2CuO6+Î´: New Evidence for the Common Origin of the Pseudogap and Superconductivity. Physical Review Letters, 2001, 86, 4911-4914. | 2.9 | 170 |
| 133 | Low-temperature normal state of Bi-2201 in a wide doping range: Where does the metal to insulator crossover take place?. Physica C: Superconductivity and Its Applications, 2000, 341-348, 641-642. | 0.6 | 1 |
| 134 | Systematic evolution of the magnetotransport properties of Bi2Sr2â^'xLaxCuO6 in a wide doping range. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1913-1914. | 0.6 | 7 |
| 135 | Negative out-of-plane magnetoresistance in Bi-2201: superconducting fluctuations or peculiarity of the normal state?. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1579-1580. | 0.6 | 1 |
| 136 | Carrier concentrations inBi2Sr2â^'zLazCuO6+Î´single crystals and their relation to the Hall coefficient and thermopower. Physical Review B, 2000, 61, R14956-R14959. | 1.1 | 113 |
| 137 | Metal-to-Insulator Crossover in the Low-Temperature Normal State ofBi2Sr2â^'xLaxCuO6+Î´. Physical Review Letters, 2000, 85, 638-641. | 2.9 | 214 |