

# Ashish A Chainani

## 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.

188  
papers

6,096  
citations

43  
h-index

71  
g-index

201  
ext. papers

6,535  
ext. citations

4.4  
avg, IF

4.78  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 188 | Resonant photoemission spectroscopy of the ferromagnetic Kondo system CeAgSb <sub>2</sub> . <i>Electronic Structure</i> , <b>2021</b> , 3, 034001  | 2.6  | 0         |
| 187 | Electronic structure investigation of GdNi using x-ray absorption, magnetic circular dichroism, and hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2020</b> , 101,   | 3.3  | 3         |
| 186 | Attractive Coulomb interaction, temperature-dependent hybridization, and natural circular dichroism in 1T <sub>1</sub> Te <sub>2</sub> . <i>Physical Review B</i> , <b>2020</b> , 102,   | 3.3  | 1         |
| 185 | A submicron soft x-ray active grating monochromator beamline for ultra-high resolution angle-resolved photoemission spectroscopy <b>2019</b> ,   |      | 2         |
| 184 | Dimensionality reduction and band quantization induced by potassium intercalation in 1T <sub>1</sub> Te <sub>2</sub> . <i>Physical Review Materials</i> , <b>2019</b> , 3,   | 3.2  | 13        |
| 183 | Role of antisite disorder, electron-electron correlations, and a surface valence transition in the electronic structure of CeMnNi <sub>4</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,  | 3.3  | 3         |
| 182 | Quantum valence criticality in a correlated metal. <i>Science Advances</i> , <b>2018</b> , 4, eaao3547   | 14.3 | 17        |
| 181 | Electronic structure of FeO, Fe <sub>2</sub> O <sub>3</sub> , and Fe <sub>3</sub> O <sub>4</sub> epitaxial films using high-energy spectroscopies. <i>Physical Review B</i> , <b>2018</b> , 97,  | 3.3  | 25        |
| 180 | Evidence for Weakly Correlated Oxygen Holes in the Highest-T <sub>c</sub> Cuprate Superconductor HgBa <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>8+<math>\delta</math></sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 057001 | 7.4  | 6         |
| 179 | Coulomb Correlations Intertwined with Spin and Orbital Excitations in LaCoO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2017</b> , 119, 196402  | 7.4  | 23        |
| 178 | Jahn-Teller distortion driven magnetic polarons in magnetite. <i>Nature Communications</i> , <b>2017</b> , 8, 15929  | 17.4 | 37        |
| 177 | Time-resolved HAXPES using a microfocused XFEL beam: From vacuum space-charge effects to intrinsic charge-carrier recombination dynamics. <i>Scientific Reports</i> , <b>2016</b> , 6, 35087   | 4.9  | 17        |
| 176 | Femtosecond Time-Resolved HAXPES. <i>Springer Series in Surface Sciences</i> , <b>2016</b> , 555-568   | 0.4  |           |
| 175 | Electronic structure of LaTe and CeTe. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2016</b> , 208, 116-120  | 1.7  | 0         |
| 174 | Temperature Dependence of Magnetically Active Charge Excitations in Magnetite across the Verwey Transition. <i>Physical Review Letters</i> , <b>2015</b> , 115, 256405   | 7.4  | 24        |
| 173 | Electronic Structure Evolution across the Peierls Metal-Insulator Transition in a Correlated Ferromagnet. <i>Physical Review X</i> , <b>2015</b> , 5,  | 9.1  | 8         |
| 172 | Superconductivity in an electron band just above the Fermi level: possible route to BCS-BEC superconductivity. <i>Scientific Reports</i> , <b>2014</b> , 4, 4109   | 4.9  | 69        |

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| 171 | Observation of quadrupole helix chirality and its domain structure in DyFe <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Nature Materials</i> , <b>2014</b> , 13, 611-8  | 27   | 25  |
| 170 | Pseudogap formation above the superconducting dome in iron pnictides. <i>Physical Review B</i> , <b>2014</b> , 89,   | 3.3  | 63  |
| 169 | Electronic structure of CeCuAs <sub>2</sub> . <i>Physical Review B</i> , <b>2014</b> , 89,   | 3.3  | 5   |
| 168 | Electron Dynamics Probed by Time-Resolved Hard X-ray Photoelectron Spectroscopy. <i>Transactions of the Materials Research Society of Japan</i> , <b>2014</b> , 39, 469-473  | 0.2  | 6   |
| 167 | Time-resolved HAXPES at SACLA: probe and pump pulse-induced space-charge effects. <i>New Journal of Physics</i> , <b>2014</b> , 16, 123045   | 2.9  | 41  |
| 166 | Development of a single-shot CCD-based data acquisition system for time-resolved X-ray photoelectron spectroscopy at an X-ray free-electron laser facility. <i>Journal of Synchrotron Radiation</i> , <b>2014</b> , 21, 183-92                                       | 2.4  | 9   |
| 165 | Hard X-ray photoelectron spectroscopy: A few recent applications. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2013</b> , 190, 242-248   | 1.7  | 8   |
| 164 | A model for doping-dependent magnetic frustration and ordering in a triangular lattice. <i>Europhysics Letters</i> , <b>2013</b> , 104, 27007  | 1.6  |     |
| 163 | Quantifying covalency and metallicity in correlated compounds undergoing metal-insulator transitions. <i>Physical Review B</i> , <b>2013</b> , 87,   | 3.3  | 3   |
| 162 | Existence of orbital order and its fluctuation in superconducting Ba(Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>2</sub> As <sub>2</sub> single crystals revealed by x-ray absorption spectroscopy. <i>Physical Review Letters</i> , <b>2013</b> , 111, 217001          | 7.4  | 37  |
| 161 | Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe <sub>2</sub> (As,P) <sub>2</sub> with low energy photons. <i>Solid State Communications</i> , <b>2012</b> , 152, 695-700  | 1.6  | 7   |
| 160 | Evidence for a cos(4 $\pi$ ) modulation of the superconducting energy gap of optimally doped FeTe <sub>0.6</sub> Se <sub>0.4</sub> single crystals using laser angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2012</b> , 109, 237011 | 7.4  | 38  |
| 159 | Three-dimensional bulk band dispersion in polar BiTeI with giant Rashba-type spin splitting. <i>Physical Review B</i> , <b>2012</b> , 86,  | 3.3  | 38  |
| 158 | Octet-line node structure of superconducting order parameter in KFe <sub>2</sub> As <sub>2</sub> . <i>Science</i> , <b>2012</b> , 337, 1314-7  | 33.3 | 196 |
| 157 | Quasiparticles and Fermi liquid behaviour in an organic metal. <i>Nature Communications</i> , <b>2012</b> , 3, 1089  | 17.4 | 11  |
| 156 | Correlation effects, circular dichroism, and Fermi surfaces of bulk nickel from soft x-ray angle-resolved photoemission. <i>Physical Review B</i> , <b>2012</b> , 85,  | 3.3  | 10  |
| 155 | Photoemission Evidence for Valence Fluctuations and Kondo Resonance in YbAl <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 073702  | 1.5  | 7   |
| 154 | Electronic structure of an antiferromagnetic metal: CaCrO <sub>3</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,  | 3.3  | 22  |

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|-----|---|------|-----|
| 153 | Orbital-independent superconducting gaps in iron pnictides. <i>Science</i> , <b>2011</b> , 332, 564-7   | 33.3 | 122 |
| 152 | Role of Ti 3d carriers in mediating the ferromagnetism of Co:TiO <sub>2</sub> anatase thin films. <i>Physical Review Letters</i> , <b>2011</b> , 106, 047602  | 7.4  | 34  |
| 151 | Orbital characters of three-dimensional Fermi surfaces in Eu <sub>2</sub> SrNiO <sub>4</sub> as probed by soft-x-ray angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2011</b> , 84,                                | 3.3  | 9   |
| 150 | Kondo resonance in PrTi <sub>2</sub> Al <sub>20</sub> : Photoemission spectroscopy and single-impurity Anderson model calculations. <i>Physical Review B</i> , <b>2011</b> , 84,  | 3.3  | 24  |
| 149 | Resonant Photoemission Spectroscopy of Layered Triangular Lattices Ag <sub>2</sub> MO <sub>2</sub> (M = Ni and Mn): Evidence for M 3d States at Fermi Level. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 023704     | 1.5  | 7   |
| 148 | Evidence for a correlated insulator to antiferromagnetic metal transition in CrN. <i>Physical Review Letters</i> , <b>2010</b> , 104, 236404  | 7.4  | 55  |
| 147 | Absence of nesting in the charge-density-wave system 1T-VS <sub>2</sub> as seen by photoelectron spectroscopy. <i>Physical Review B</i> , <b>2010</b> , 82,   | 3.3  | 71  |
| 146 | Determination of structural chirality of berlinite and quartz using resonant x-ray diffraction with circularly polarized x-rays. <i>Physical Review B</i> , <b>2010</b> , 81,   | 3.3  | 18  |
| 145 | Out-of-plane nesting driven spin spiral in ultrathin Fe/Cu(001) films. <i>Physical Review Letters</i> , <b>2010</b> , 104, 066407   | 7.4  | 4   |
| 144 | Kondo scaling of the pseudogap in CeOs <sub>4</sub> Sb <sub>12</sub> and CeFe <sub>4</sub> P <sub>12</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 095502  | 1.8  | 5   |
| 143 | Orbital-dependent modifications of electronic structure across the magnetostructural transition in BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2010</b> , 104, 057002   | 7.4  | 148 |
| 142 | Strong valence fluctuation in the quantum critical heavy fermion superconductor YbAlB <sub>4</sub> : a hard x-ray photoemission study. <i>Physical Review Letters</i> , <b>2010</b> , 104, 247201   | 7.4  | 88  |
| 141 | Anomalous state sandwiched between Fermi liquid and charge ordered Mott-insulating phases of Ti <sub>4</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2010</b> , 104, 106401  | 7.4  | 27  |
| 140 | Bulk-sensitive laser-ARPES study on the cuprate superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S62-S64                  | 1.3  | 1   |
| 139 | Superconducting electronic state in optimally doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> observed with laser-excited angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 79, | 3.3  | 20  |
| 138 | Fermi surfaces, electron-hole asymmetry, and correlation kink in a three-dimensional Fermi liquid LaNiO <sub>3</sub> . <i>Physical Review B</i> , <b>2009</b> , 79,   | 3.3  | 83  |
| 137 | Evidence for oxygen holes due to d $\pi$ rehybridization in thermoelectric Sr <sub>1-x</sub> Rh <sub>2</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,  | 3.3  | 6   |
| 136 | An ultrahigh-vacuum apparatus for resonant diffraction experiments using soft x rays (h $\nu$ =300-2000 eV). <i>Review of Scientific Instruments</i> , <b>2009</b> , 80, 023905   | 1.7  | 13  |

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|-----|---|-----|-----|
| 135 | Anomalous duality of 4f electrons in filled skutterudite CeOs <sub>4</sub> Sb <sub>12</sub> . <i>Physical Review Letters</i> , <b>2009</b> , 102, 036403  | 7.4 | 20  |
| 134 | Adsorption-induced switching of magnetic anisotropy in a single iron(II) phthalocyanine molecule on an oxidized Cu(110) surface. <i>Physical Review Letters</i> , <b>2009</b> , 102, 167203                         | 7.4 | 242 |
| 133 | Identification of valence electronic states of aqueous acetic acid in acid-base equilibrium using site-selective X-ray emission spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 8676-9 | 3.6 | 33  |
| 132 | Fermi surface of Co(0001) and initial-state linewidths determined by soft x-ray angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2009</b> , 80,   | 3.3 | 4   |
| 131 | Ligand Energy Controls the Heme-Fe Valence in Aqueous Myoglobins. <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 044802  | 1.5 | 22  |
| 130 | Time-resolved photoemission spectroscopy in graphite. <i>Springer Series in Chemical Physics</i> , <b>2009</b> , 274-276.3  |     |     |
| 129 | Right handed or left handed? Forbidden x-ray diffraction reveals chirality. <i>Physical Review Letters</i> , <b>2008</b> , 100, 145502  | 7.4 | 47  |
| 128 | Electronic structure of semiconducting CeFe <sub>4</sub> P <sub>12</sub> : Strong hybridization and relevance of single-impurity Anderson model. <i>Physical Review B</i> , <b>2008</b> , 77,                       | 3.3 | 12  |
| 127 | A versatile system for ultrahigh resolution, low temperature, and polarization dependent laser-angle-resolved photoemission spectroscopy. <i>Review of Scientific Instruments</i> , <b>2008</b> , 79, 023106        | 1.7 | 111 |
| 126 | Coherent and Incoherent Excitations of Electron-Doped SrTiO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2008</b> , 100, 056401   | 7.4 | 77  |
| 125 | Recoil effect of photoelectrons in the Fermi edge of simple metals. <i>Physical Review Letters</i> , <b>2008</b> , 101, 137601  | 7.4 | 46  |
| 124 | Temperature-dependent localized excitations of doped carriers in superconducting diamond. <i>Physical Review Letters</i> , <b>2008</b> , 100, 166402  | 7.4 | 23  |
| 123 | Low power density multihole cathode very-high-frequency plasma for mixed phase Si:H thin films. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 191502   | 3.4 | 2   |
| 122 | Temperature dependence of the exchange stiffness in FePd(001) thin films: Deviation from the empirical law $A(T) \propto T^{-2}$ at intermediate temperatures. <i>Physical Review B</i> , <b>2008</b> , 77,         | 3.3 | 14  |
| 121 | Combining photoemission and optical spectroscopies for reliable valence determination in YbS and Yb metal. <i>Physical Review B</i> , <b>2008</b> , 78,   | 3.3 | 18  |
| 120 | Photoemission evidence for a Mott-Hubbard metal-insulator transition in VO <sub>2</sub> . <i>Physical Review B</i> , <b>2008</b> , 78,  | 3.3 | 80  |
| 119 | Doping-dependence of nodal quasiparticle properties in high-T <sub>c</sub> cuprates studied by laser-excited angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2008</b> , 77,                | 3.3 | 13  |
| 118 | Revisiting the valence-band and core-level photoemission spectra of NiO. <i>Physical Review Letters</i> , <b>2008</b> , 100, 206401   | 7.4 | 85  |

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| 117 | Bulk sensitive spectroscopy for the valence transition in YbInCu <sub>4</sub> -based compounds. <i>Physical Review B</i> , <b>2008</b> , 78,   | 3.3  | 17  |
| 116 | Interplay of superconductivity and rattling phenomena in beta-pyrochlore KOs <sub>2</sub> O <sub>6</sub> studied by photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2007</b> , 99, 117003  | 7.4  | 29  |
| 115 | In situ photoemission study of LaNiO <sub>3</sub> thin films grown by pulsed laser deposition. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2007</b> , 156-158, 107-110  | 1.7  | 4   |
| 114 | Electronic structure of configuration vanadium oxides studied by soft X-ray and hard X-ray photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2007</b> , 156-158, 421-425  | 1.7  | 15  |
| 113 | Hard X-ray and soft X-ray photoemission study of vanadium oxides. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, e289-e291  | 2.8  |     |
| 112 | Charge-order-maximized momentum-dependent superconductivity. <i>Nature Physics</i> , <b>2007</b> , 3, 720-725  | 16.2 | 144 |
| 111 | Electronic structure of VO <sub>2</sub> ∕TiO <sub>2</sub> :Nb upon photocarrier injection. <i>Physical Review B</i> , <b>2007</b> , 75,  | 3.3  | 11  |
| 110 | Observation of a superconducting gap in boron-doped diamond by laser-excited photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2007</b> , 98, 047003   | 7.4  | 39  |
| 109 | Electronic structure of LaNiO <sub>3</sub> ∕: An in situ soft x-ray photoemission and absorption study. <i>Physical Review B</i> , <b>2007</b> , 76,   | 3.3  | 49  |
| 108 | Intermediate-Valence Behavior of YbCu <sub>5-x</sub> Al <sub>x</sub> around Quantum Critical Point Measured by Resonant Inelastic X-ray Scattering at YbL <sub>3</sub> Absorption Edge. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 124705 | 1.5  | 17  |
| 107 | High-Resolution Photoemission Spectroscopy of Low-T <sub>c</sub> Superconductors <b>2007</b> , 187-212   |      |     |
| 106 | Temperature dependent X-ray absorption spectroscopy of the valence transition in EuNi <sub>2</sub> (Si <sub>0.20</sub> Ge <sub>0.80</sub> ) <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 681-682                                     | 2.8  | 1   |
| 105 | Anisotropic s-wave superconductors studied by angle-resolved photoemission spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 277-281   | 3.9  | 9   |
| 104 | Bulk- and surface-sensitive high-resolution photoemission study of two mott-hubbard systems: SrVO <sub>3</sub> and CaVO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2006</b> , 96, 076402   | 7.4  | 58  |
| 103 | Bulk band structure and Fermi surface of nickel: A soft x-ray angle-resolved photoemission study. <i>Physical Review B</i> , <b>2006</b> , 74,   | 3.3  | 25  |
| 102 | Electronic structure of strained (La <sub>0.85</sub> Ba <sub>0.15</sub> )MnO <sub>3</sub> thin films with room-temperature ferromagnetism investigated by hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , <b>2006</b> , 73,                      | 3.3  | 38  |
| 101 | Angle-resolved photoemission study of the cobalt oxide superconductor Na(x)CoO(2) x yH(2)O: observation of the Fermi surface. <i>Physical Review Letters</i> , <b>2006</b> , 97, 267003  | 7.4  | 52  |
| 100 | Resonant Inelastic X-ray Scattering of EuNi <sub>2</sub> (Si <sub>1-x</sub> Ge <sub>x</sub> ) <sub>2</sub> and Eu <sub>2</sub> O <sub>3</sub> at EuL <sub>3</sub> Absorption Edge. <i>Journal of the Physical Society of Japan</i> , <b>2006</b> , 75, 034702      | 1.5  | 20  |

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| 99 | Hard X-ray photoemission spectroscopy for intrinsic electronic structure of strongly correlated electron systems. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 1152-1153   | 2.8 |                |
| 98 | Laser-excited ultrahigh-resolution photoemission spectroscopy of superconducting $\text{Na}_{0.35}\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$ . <i>Journal of Physics and Chemistry of Solids</i> , <b>2006</b> , 67, 282-285                             | 3.9 | 7              |
| 97 | Photoemission spectroscopy of Ce-filled skutterudites. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 177-188  | 2.8 | 5              |
| 96 | Bulk and surface sensitive high-resolution photoemission study of Mott-Hubbard systems $\text{SrVO}_3$ and $\text{CaVO}_3$ . <i>Physica B: Condensed Matter</i> , <b>2006</b> , 378-380, 330-331  | 2.8 | 5              |
| 95 | Role of charge-density-wave fluctuations on the spectral function in a metallic charge-density-wave system. <i>Physical Review B</i> , <b>2005</b> , 71,  | 3.3 | 5 <sup>1</sup> |
| 94 | Hard-X-ray photoelectron spectroscopy of $\text{NaCoO}_y\text{HO}$ . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 547, 163-168 <sup>1,2</sup> | 1.2 | 3              |
| 93 | Hard X-ray photoemission study of Mn 2p core-levels of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 557-559  | 1.7 | 7              |
| 92 | Temperature-induced valence transition in $\text{EuNi}_2(\text{Si}_{0.20}\text{Ge}_{0.80})_2$ studied by hard X-ray photoemission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 553-555          | 1.7 | 5              |
| 91 | Soft X-ray spectroscopy of diluted magnetic semiconductor $\text{Ga}_{1-x}\text{Mn}_x\text{N}$ (M = Cr, Mn). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 707-710   | 1.7 | 2              |
| 90 | Hard X-ray core level photoemission of vanadium oxides. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2005</b> , 144-147, 841-843  | 1.7 | 10             |
| 89 | Electronic Structure Characteristics of MBE (molecular beam epitaxy)-Grown Diluted Magnetic Semiconductor $\text{Ga}_{1-x}\text{Cr}_x\text{N}$ Films. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, L153-L155                          | 1.4 | 6              |
| 88 | Laser-excited ultrahigh-resolution photoemission spectroscopy of $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ : Evidence for pseudogap formation. <i>Physical Review B</i> , <b>2005</b> , 71,   | 3.3 | 28             |
| 87 | Temperature-dependent Eu 3d $\pi$ x-ray absorption and resonant photoemission study of the valence transition in $\text{EuNi}_2(\text{Si}_{0.2}\text{Ge}_{0.8})_2$ . <i>Physical Review B</i> , <b>2005</b> , 72,                                       | 3.3 | 18             |
| 86 | Temperature-dependent Luttinger surfaces. <i>Physical Review Letters</i> , <b>2005</b> , 95, 246402   | 7.4 | 26             |
| 85 | Direct observation of a neutral Mn acceptor in $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ by resonant x-ray emission spectroscopy. <i>Physical Review B</i> , <b>2005</b> , 71,  | 3.3 | 7              |
| 84 | Electronic structure, microstructure, and crystal structure of the precipitation-hardened alloy $\text{Cu}_{98}\text{Be}_{1.8}\text{Co}_{0.2}$ . <i>Physical Review B</i> , <b>2005</b> , 71,   | 3.3 | 3              |
| 83 | Evidence for suppressed screening on the surface of high temperature $\text{La}_{(2-x)}\text{Sr}_x\text{CuO}_4$ and $\text{Nd}_{2(2-x)}\text{Ce}_x\text{CuO}_4$ superconductors. <i>Physical Review Letters</i> , <b>2005</b> , 95, 177002              | 7.4 | 92             |
| 82 | Bulk screening in core-level photoemission from Mott-Hubbard and charge-transfer systems. <i>Physical Review B</i> , <b>2005</b> , 71,  | 3.3 | 87             |

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|----|--|-----|-----|
| 81 | Electronic structure changes across the valence transition in $\text{EuNi}_2(\text{Si}_{0.2}\text{Ge}_{0.8})_2$ . <i>Physical Review B</i> , <b>2004</b> , 70,   | 3.3 | 6   |
| 80 | Nature of the well screened state in hard X-ray Mn 2p core-level photoemission measurements of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ films. <i>Physical Review Letters</i> , <b>2004</b> , 93, 236401               | 7.4 | 130 |
| 79 | Doping-dependent changes in nitrogen 2p states in the diluted magnetic semiconductor $\text{Ga}_{1-x}\text{Cr}_x\text{N}$ . <i>Physical Review B</i> , <b>2004</b> , 70,   | 3.3 | 15  |
| 78 | Hard X-ray core-level photoemission of $\text{V}_2\text{O}_3$ . <i>Europhysics Letters</i> , <b>2004</b> , 68, 557-563   | 1.6 | 26  |
| 77 | Structural and magnetic properties of Fe/Ni multilayers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2004</b> , 1, 3651-3655  |     |     |
| 76 | Bulk electronic structure of $\text{Na}_{0.35}\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$ . <i>Physical Review B</i> , <b>2004</b> , 69,   | 3.3 | 49  |
| 75 | Layer-dependent band dispersion and correlations using tunable soft X-ray ARPES. <i>Europhysics Letters</i> , <b>2004</b> , 67, 240-246  | 1.6 | 13  |
| 74 | Hard X-ray Photoemission Spectroscopy of Temperature-Induced Valence Transition in $\text{EuNi}_2(\text{Si}_{0.20}\text{Ge}_{0.80})_2$ . <i>Journal of the Physical Society of Japan</i> , <b>2004</b> , 73, 2616-2619 | 1.5 | 15  |
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