

# Yukinori Ohta

## List of Publications by Year in descending order

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Charge-ordered state satisfying the Anderson condition in $\text{LiRhO}_2$ arising from local dimer order. <i>Physical Review B</i> , 2022, 105, .  | 1.1 | 5         |
| 2  | Excitonic effects on high-harmonic generation in Mott insulators. <i>Physical Review B</i> , 2022, 105, .   | 1.1 | 9         |
| 3  | Slow dynamics of disordered zigzag chain molecules in layered LiVS <sub>2</sub> under electron irradiation. <i>Npj Quantum Materials</i> , 2021, 6, .   | 1.8 | 8         |
| 4  | Light-induced switching of magnetic order in the anisotropic triangular-lattice Hubbard model. <i>Physical Review B</i> , 2021, 103, .  | 1.1 | 2         |
| 5  | Anomalous fractional quantization in the kagomelike Heisenberg ladder: Emergence of the effective spin-1 chain. <i>Physical Review B</i> , 2021, 103, .   | 1.1 | 3         |
| 6  | Hybridization-Gap Formation and Superconductivity in the Pressure-Induced Semimetallic Phase of the Excitonic Insulator Ta <sub>2</sub> NiSe <sub>5</sub> . <i>Journal of the Physical Society of Japan</i> , 2021, 90, 074706. | 0.7 | 15        |
| 7  | Third-harmonic generation in excitonic insulators. <i>Physical Review B</i> , 2021, 104, .  | 1.1 | 5         |
| 8  | Spin- $S$ impurities with XXZ anisotropy in a spin- $\frac{1}{2}$ Heisenberg chain. <i>Physical Review B</i> , 2021, 104, .   | 1.1 | 0         |
| 9  | Robust atomic orbital in the cluster magnet LiMoO <sub>2</sub> . <i>Physical Review B</i> , 2020, 102, .  | 1.1 | 6         |
| 10 | Emergence of pure spin current in doped excitonic magnets. <i>Physical Review B</i> , 2020, 101, .  | 1.1 | 2         |
| 11 | Superconductivity and charge density wave under a time-dependent periodic field in the one-dimensional attractive Hubbard model. <i>Physical Review B</i> , 2020, 101, .  | 1.1 | 9         |
| 12 | Variety of order-by-disorder phases in the asymmetric zigzag ladder: From the delta chain to the $J_1$ zigzag ladder. <i>Physical Review B</i> , 2020, 101, .   | 1.1 | 15        |
| 13 | Finite-Temperature Properties of Excitonic Condensation in the Extended Falicov-Kimball Model: Cluster Mean-Field-Theory Approach. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 053706.                          | 0.7 | 6         |
| 14 | Pressure-Induced Restoration of the Reversed Crystal-Field Splitting in $\text{Sr}_2\text{CrO}_4$ . , 2020, , .   |     | 2         |
| 15 | Observation of a Novel Phase Transition in $\text{Sr}_7\text{Re}_4\text{O}_{19}$ . <i>Journal of the Physical Society of Japan</i> , 2020, 89, 054703.  | 0.7 | 0         |
| 16 | Observation of metal to nonmagnetic insulator transition in polycrystalline RuP by photoemission spectroscopy. <i>Physical Review B</i> , 2020, 101, .  | 1.1 | 5         |
| 17 | Typicality-Based Variational Cluster Approach to Thermodynamic Properties of the Hubbard Model. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 023702.   | 0.7 | 7         |
| 18 | Photoinduced electron-electron pairing in the extended Falicov-Kimball model. <i>Physical Review B</i> , 2019, 100, .   | 1.1 | 15        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Spin texture and spin current in excitonic phases of the two-band Hubbard model. Physical Review B, 2019, 99, .   | 1.1 | 5         |
| 20 | Exciton-phonon cooperative mechanism of the triple- $q$ charge-density-wave and antiferroelectric electron polarization in $\text{TiSe}_2$ . Physical Review B, 2018, 97, . | 1.1 | 39        |
| 21 | $\mathbf{A} \times \mathbf{Mg}_4 \mathbf{O}_{15}$   |     |           |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Mott Transitions and Staggered Orders in the Three-Component Fermionic System: Variational Cluster Approach. Journal of the Physical Society of Japan, 2016, 85, 074704.         | 0.7 | 3         |
| 38 | Competition between excitonic charge and spin density waves: Influence of electron-phonon and Hund's rule couplings. Physical Review B, 2015, 92, .                              | 1.1 | 38        |
| 39 | Metal-Insulator Transition of Dirac Fermions: Variational Cluster Study. Journal of the Physical Society of Japan, 2015, 84, 044714.   | 0.7 | 4         |
| 40 | Excitonic phases in the two-orbital Hubbard model: Roles of Hund's rule coupling. Journal of Physics: Conference Series, 2015, 592, 012096.                                      | 0.3 | 0         |
| 41 | Coexistence of magnetic and topological phases in the asymmetric Kane-Mele-Hubbard model. Journal of Physics: Conference Series, 2015, 592, 012129.                              | 0.3 | 3         |
| 42 | Dimensional crossover of the superfluid state in the attractive Hubbard model. Journal of Physics: Conference Series, 2015, 592, 012103.   | 0.3 | 0         |
| 43 | Frustration and magnetic orderings in the square-lattice Hubbard model with anisotropic next-nearest-neighbor hopping. Journal of Physics: Conference Series, 2015, 592, 012113. | 0.3 | 0         |
| 44 | Novel Electronic Structures of Ru-pnictides RuPn (Pn = P, As, Sb). Physics Procedia, 2015, 75, 91-99.  | 1.2 | 8         |
| 45 | Variational-Cluster-Approximation Study of the Antiferromagnetic Topological Insulator States. , 2014, , .   |     | 0         |
| 46 | Spectral Weights of the Square-Lattice Hubbard Model with Frustration in the Magnetic and Mott Insulator Phases. , 2014, , .   |     | 0         |
| 47 | Excitonic BCS-BEC Crossover in Double-Layer Systems. , 2014, , .   |     | 1         |
| 48 | Roles of Hund's rule coupling in excitonic density-wave states. Physical Review B, 2014, 90, .   | 1.1 | 41        |
| 49 | Three-dimensional electronic structure to two-dimensional IrPt orbitals bring excitonic Bose-Einstein condensation in IrPt. Physical Review B, 2014, 90, .                       | 1.1 | 13        |
| 50 | Excitonic Bose-Einstein condensation in IrPt. Physical Review B, 2014, 90, .   | 1.1 | 132       |
| 51 | Charge and orbital orderings associated with metal-insulator transition in IrPt. Physical Review B, 2014, 90, .  |     | 13        |
| 52 | Order, Criticality, and Excitations in the Extended Falicov-Kimball Model. Physical Review Letters, 2014, 112, 026401.   | 2.9 | 45        |
| 53 | Molybdenum Hollandite $K_2Mo_8O_{16}$ as a Superatomic Crystal. , 2014, , .  |     | 0         |
| 54 | Switching of Conducting Planes by Partial Dimer Formation in IrTe <sub>2</sub> . Journal of the Physical Society of Japan, 2014, 83, 033701.                                     | 0.7 | 47        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Important Roles of Te 5 <i>p</i> and Ir 5 <i>d</i> Spin-Orbit Interactions on the Multi-band Electronic Structure of Triangular Lattice Superconductor $\text{Ir}_{1-x}\text{Pt}_x\text{Te}_2$ . Journal of the Physical Society of Japan, 2014, 83, 033704. | 0.7 | 21        |
| 56 | BCS-BEC Crossover in the Two-Dimensional Attractive Hubbard Model: Variational Cluster Approach. Journal of the Physical Society of Japan, 2014, 83, 024711.   | 0.7 | 9         |
| 57 | Spin Excitations in the Square-Lattice Heisenberg Model with Ring-Exchange Interactions. , 2014, , .   |     | 3         |
| 58 | Electronic Structure of Calcium-Ferrite-Type Cr Oxide $\text{NaCr}_2\text{O}_4$ . , 2014, , .  |     | 3         |
| 59 | Quasiparticle states in the antiferromagnetic phase of double exchange systems. European Physical Journal B, 2013, 86, 1.  | 0.6 | 0         |
| 60 | Variational cluster approach to the Hubbard model on a honeycomb lattice. Journal of the Korean Physical Society, 2013, 62, 2150-2154.   | 0.3 | 4         |
| 61 | Magnetic properties and Mott transition in the square-lattice Hubbard model with frustration. Physical Review B, 2013, 88, .   | 1.1 | 18        |
| 62 | The book-keeping fermion analysis of the double exchange model with antiferromagnetic background. Journal of the Korean Physical Society, 2013, 63, 751-755.   | 0.3 | 0         |
| 63 | Antiferromagnetic topological insulator state in the correlated Bernevig-Hughes-Zhang model. Physical Review B, 2013, 87, .  | 1.1 | 26        |
| 64 | Superatomic crystal emerging in transition-metal oxides: Molybdenum hollandite $\text{K}_2\text{Mo}_8\text{O}_{20}$ . Physical Review B, 2013, 87, .   | 1.1 | 5         |
| 65 | Ground-state phase diagram of the asymmetric Hubbard model with geometrical frustration. Physical Review B, 2013, 87, .  | 1.1 | 10        |
| 66 | Exact-diagonalization study of exciton condensation in electron bilayers. Physical Review B, 2013, 88, .   | 1.1 | 35        |
| 67 | Orthorhombic-to-monoclinic phase transition of $\text{Te}_2\text{NiSe}_5$ induced by the Bose-Einstein condensation of excitons. Physical Review B, 2013, 87, .  | 1.1 | 146       |
| 68 | Excitonic insulator state in the two-orbital Hubbard model: Variational cluster approach. Physical Review B, 2012, 85, .   | 1.1 | 56        |
| 69 | Double Exchange Ferromagnetism in the Peierls Insulator State. Physical Review Letters, 2012, 109, 076401.   | 2.9 | 14        |
| 70 | A BCS-BEC crossover in the extended Falicov-Kimball model: Variational cluster approach. Journal of Physics: Conference Series, 2012, 400, 012067.   | 0.3 | 0         |
| 71 | Anomalous electronic structures of transition-metal oxides with hollandite-type crystal structure. Journal of Physics: Conference Series, 2012, 391, 012109.   | 0.3 | 2         |
| 72 | EXACT WAVEFUNCTION OF THE ONE-DIMENSIONAL DOUBLE-EXCHANGE MODEL WITH ONE ELECTRON. International Journal of Modern Physics B, 2012, 26, 1250154.   | 1.0 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Electronic structure of $\text{Ta}_2\text{NiSe}_5$ as a candidate for excitonic insulators. Journal of Physics: Conference Series, 2012, 400, 032035.   | 0.3 | 15        |
| 74 | Anomalous electronic states of hollandite-type transition-metal oxides. Journal of Physics: Conference Series, 2012, 400, 032070.   | 0.3 | 2         |
| 75 | Self-energy and Fermi surface of the two-dimensional Hubbard model. Physical Review B, 2011, 83, .  | 1.1 | 30        |
| 76 | Peierls Mechanism of the Metal-Insulator Transition in Ferromagnetic Hollandite $\text{K}_2\text{Cr}_8\text{O}_{16}$ . Physical Review Letters, 2011, 107, 266402.  | 1.1 | 16        |
| 77 | Peierls Mechanism of the Metal-Insulator Transition in Ferromagnetic Hollandite $\text{K}_2\text{Cr}_8\text{O}_{16}$ . Physical Review Letters, 2011, 107, 266402.  | 1.1 | 16        |
| 78 | Mott transition and ferrimagnetism in the Hubbard model on the anisotropic kagome lattice. Physical Review B, 2011, 83, .   | 1.1 | 22        |
| 79 | BCS-BEC crossover in the extended Falicov-Kimball model: Variational cluster approach. Physical Review B, 2011, 84, .   | 1.1 | 83        |
| 80 | Theory of the waterfall phenomenon in cuprate superconductors. Physical Review B, 2011, 83, .   | 1.1 | 6         |
| 81 | Zero-point vacancies in the two-dimensional $\text{K}_2\text{Cr}_8\text{O}_{16}$ . Physica C: Superconductivity and Its Applications, 2010, 470, S970-S971.   | 0.6 | 1         |
| 82 | Theory of the lightly doped Mott insulator. Physical Review B, 2010, 82, .  | 1.1 | 6         |
| 83 | $\text{K}_2\text{Cr}_8\text{O}_{16}$ as a half-metallic ferromagnet: Scenario for a metal-insulator transition. Physical Review B, 2009, 80, .  | 1.1 | 1         |
| 84 | Spin and density excitations in the triangular-lattice $\text{H}_3\text{C}$ model with multiple-spin exchange interactions: $\text{H}_3\text{C}$ on graphite. Physical Review B, 2009, 79, .              | 1.1 | 5         |
| 85 | Variational Monte Carlo study on superconductivity in the anisotropic triangular lattice Hubbard models. Journal of Physics and Chemistry of Solids, 2008, 69, 3330-3333.                                 | 1.9 | 0         |
| 86 | Superconductivity in B-doped diamonds. Journal of Physics and Chemistry of Solids, 2008, 69, 3265-3268.   | 1.9 | 7         |
| 87 | Numerical study on the anisotropic triangular-lattice Hubbard model at quarter filling: Charge fluctuations with three-fold periodicity. Journal of Physics and Chemistry of Solids, 2008, 69, 3382-3384. | 1.9 | 1         |
| 88 | Antiferromagnetism versus Kondo screening in the two-dimensional periodic Anderson model at half filling: Variational cluster approach. Physical Review B, 2008, 78, .                                    | 1.1 | 10        |
| 89 | Coexistence of distinct charge fluctuations in $\text{K}_2\text{Cr}_8\text{O}_{16}$ . Physical Review B, 2008, 78, .  | 1.1 | 34        |
| 90 | Theoretical study of the electronic states of hollandite vanadate $\text{K}_2\text{V}_8\text{O}_{16}$ . Physical Review B, 2008, 77, .  | 1.1 | 29        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Phase diagram of the one-dimensional Hubbard model with next-nearest-neighbor hopping. <i>Physical Review B</i> , 2008, 77, .   | 1.1 | 15        |
| 92  | Spin-triplet f-wave superconductivity in one-dimensional triangular-lattice Hubbard models. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 578-580.  | 1.0 | 0         |
| 93  | Phase separation, spin polarization, and triplet superconductivity in the Hubbard chains coupled with ferromagnetic zigzag bonds. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 669-671.  | 1.0 | 2         |
| 94  | Spin-triplet superconductivity in the double-chain Hubbard model with ferromagnetic exchange interaction. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 663-665.  | 1.0 | 1         |
| 95  | Triplet Superconductivity in a Two-Chain Hubbard Model by the Ring-Exchange Mechanism. <i>AIP Conference Proceedings</i> , 2006, . .  | 0.3 | 0         |
| 96  | Spin and charge excitations in the anisotropic Hubbard ladder at quarter filling with charge-ordering instability. <i>Physical Review B</i> , 2006, 73, .   | 1.1 | 4         |
| 97  | Phase diagram of the $t\text{-}U\text{-}V_1\text{-}V_2$ model at quarter filling. <i>Physical Review B</i> , 2005, 72, .  | 1.1 | 17        |
| 98  | Ring-exchange mechanism for triplet superconductivity in a two-chain Hubbard model: Possible relevance to Bechgaard salts. <i>Physical Review B</i> , 2005, 72, .   | 1.1 | 17        |
| 99  | Dynamical domain walls and spin-Peierls order in doped antiferromagnets: Evidence from exact diagonalization of small clusters. <i>Physical Review B</i> , 2004, 69, .  | 1.1 | 4         |
| 100 | Angle-resolved photoemission spectra of the stripe phase in the two-dimensional $t\text{-}J$ model. <i>Physical Review B</i> , 2004, 69, .  | 1.1 | 7         |
| 101 | Interplay Between Spin and Charge Excitations in the Coupled Spin-Pseudospin Systems. <i>Journal of Low Temperature Physics</i> , 2003, 131, 239-243.   | 0.6 | 0         |
| 102 | Optical Conductivity in the CuO Double Chains of PrBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> . <i>Journal of Low Temperature Physics</i> , 2003, 131, 245-249.   | 0.6 | 0         |
| 103 | Excitations in the coupled spin-pseudospin model for quarter-filled ladders. <i>Physica B: Condensed Matter</i> , 2003, 328, 105-107.   | 1.3 | 0         |
| 104 | Theory of Charge and Orbital Ordering in the One-Dimensional Triangular-Lattice Vanadate Bi <sub>x</sub> V <sub>8</sub> O <sub>16</sub> . <i>Journal of the Physical Society of Japan</i> , 2002, 71, 181-183.                                    | 0.7 | 0         |
| 105 | Charge and Orbital Ordering in the Triangular-Lattice $d_{xy}$ -Orbital System in One Dimension: A Possible Ground State of Bi <sub>x</sub> V <sub>8</sub> O <sub>16</sub> . <i>Journal of the Physical Society of Japan</i> , 2002, 71, 513-518. | 0.7 | 14        |
| 106 | Madelung Energy and Charge Ordering in $d_{xy}$ -Phase Vanadate Bronzes. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 309-310.   | 0.7 | 8         |
| 107 | Metal-insulator transition in the acentric Hubbard ladders at quarter filling: a self-doping mechanism. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 277-280.  | 1.9 | 0         |
| 108 | Effects of inter-site repulsion in the one-dimensional dimerized Hubbard model at quarter-filling. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 289-292.   | 1.9 | 1         |

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| 109 | Charge Gap of the Quasi-One-Dimensional Organic Conductors: A Density-Matrix Renormalization-Group Study. Journal of the Physical Society of Japan, 2000, 69, 1594-1597.         | 0.7 | 25        |
| 110 | Ground-state phase diagram of the one-dimensional dimerized $t\text{-}J$ model at quarter filling. Physical Review B, 1999, 59, 4738-4745.                                       | 1.1 | 8         |
| 111 | Landau mapping and Fermi-liquid parameters of the two-dimensional $t\text{-}J$ model. Physical Review B, 1998, 57, R5590-R5593.  | 1.1 | 12        |
| 112 | $\text{NaV}_2\text{O}_5$ as an Anisotropic $t\text{-}J$ Ladder at Quarter Filling. Journal of the Physical Society of Japan, 1998, 67, 2996-2999.                                | 0.7 | 26        |
| 113 | Optical Conductivity of the Trellis-Lattice $t\text{-}J$ Model: Charge Fluctuations in $\text{NaV}_2\text{O}_5$ . Journal of the Physical Society of Japan, 1998, 67, 3679-3682. | 0.7 | 24        |
| 114 | A Model Study of the Low-Energy Charge Dynamics of $\text{NaV}_2\text{O}_5$ . Journal of the Physical Society of Japan, 1998, 67, 4010-4013.                                     | 0.7 | 16        |
| 115 | Critical Dimerization Strength of the Quarter-Filled $t\text{-}J$ Model. Journal of the Physical Society of Japan, 1998, 67, 2598-2601.  | 0.7 | 5         |
| 116 | One-dimensional $t\text{-}J$ model with next-nearest-neighbor hopping: Breakdown of the Luttinger liquid. Physical Review B, 1997, 56, R14247-R14250.                            | 1.1 | 4         |
| 117 | Bogoliubov-quasiparticle spectra of the effectived-wave model for cuprate superconductivity. Physical Review B, 1997, 56, 11262-11266.   | 1.1 | 2         |
| 118 | Doping-dependent quasiparticle band structure in cuprate superconductors. Physical Review B, 1997, 55, R3414-R3418.  | 1.1 | 62        |
| 119 | Systematic scaling in the low-energy excitations of the $t\text{-}J$ model in one and two dimensions. Physical Review B, 1997, 55, 12313-12317.                                  | 1.1 | 8         |
| 120 | Photoemission spectra of the $t\text{-}J$ model in one and two dimensions: Similarities and differences. Physical Review B, 1997, 56, 2542-2550.                                 | 1.1 | 21        |
| 121 | Localized spins and vacancies in the two-dimensional $t\text{-}J$ model. European Physical Journal D, 1996, 46, 1885-1886.   | 0.4 | 0         |
| 122 | Low energy excitations of the Anderson lattice model. Physica C: Superconductivity and Its Applications, 1996, 263, 107-110.   | 0.6 | 1         |
| 123 | Doping dependence of the spectral function in the $t\text{-}J$ model. Physica C: Superconductivity and Its Applications, 1996, 263, 104-106.                                     | 0.6 | 0         |
| 124 | Impurity effect in the 2D $t\text{-}J$ model. Physica C: Superconductivity and Its Applications, 1996, 263, 94-98.   | 0.6 | 6         |
| 125 | Dynamics of a hole in spin 1 chain. Physica C: Superconductivity and Its Applications, 1996, 263, 118-121.   | 0.6 | 2         |
| 126 | Inverse photoemission in strongly correlated electron systems. Physical Review B, 1996, 54, 3576-3579.   | 1.1 | 20        |



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|-----|--|-----|-----------|
| 127 | Heavy Quasiparticles in the Anderson Lattice Model. <i>Physical Review Letters</i> , 1996, 76, 279-282.  | 2.9 | 35        |
| 128 | Optical conductivity of strongly correlated electron systems. <i>Physical Review B</i> , 1996, 54, R11034-R11037.  | 1.1 | 9         |
| 129 | Hole pockets, shadow bands and spin bags in the doped t-j model. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1741.   | 1.9 | 0         |
| 130 | c-axis charge dynamics in the bilayer-t-J model: A numerical study. <i>Physical Review B</i> , 1995, 51, 3265-3268.  | 1.1 | 16        |
| 131 | Hole pockets in the t-J model. <i>Physical Review B</i> , 1995, 51, 6041-6048.   | 1.1 | 21        |
| 132 | Excitation spectra of the negative-U Hubbard model: A small-cluster study. <i>Physical Review B</i> , 1995, 52, 15617-15620.   | 1.1 | 13        |
| 133 | Ground-state properties and dynamics of the bilayer-t-J model. <i>Physical Review B</i> , 1995, 52, 7708-7714.   | 1.1 | 11        |
| 134 | Spin and charge dynamics of the two-dimensional t-J model at intermediate electron densities: Absence of spin-charge separation. <i>Physical Review B</i> , 1995, 51, 11683-11689. | 1.1 | 8         |
| 135 | Anomalous Spin and Charge Dynamics of the t-J Model at Low Doping. <i>Physical Review Letters</i> , 1995, 74, 5124-5127.   | 2.9 | 49        |
| 136 | Exact-diagonalization study of the Hubbard model with nearest-neighbor repulsion. <i>Physical Review B</i> , 1994, 50, 13594-13602.  | 1.1 | 33        |
| 137 | Theory of Dzyaloshinski-Moriya antiferromagnetism in distorted CuO <sub>2</sub> and NiO <sub>2</sub> planes. <i>Physical Review B</i> , 1994, 50, 3767-3778.                       | 1.1 | 50        |
| 138 | Validity of the rigid-band picture for the t-J model. <i>Physical Review B</i> , 1994, 50, 3350-3355.  | 1.1 | 39        |
| 139 | Bogoliubov quasiparticle excitations in the two-dimensional t-J model. <i>Physical Review Letters</i> , 1994, 73, 324-327.   | 2.9 | 67        |
| 140 | Comment on "Fermi surface and dynamics of t-J model at moderate doping". <i>Physical Review Letters</i> , 1994, 72, 2816-2816.   | 2.9 | 16        |
| 141 | Spin bags in the doped t-J model. <i>Physical Review B</i> , 1994, 50, 10043-10047.  | 1.1 | 19        |
| 142 | In-gap state in doped and undoped cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 1993, 54, 1085-1092.   | 1.9 | 3         |
| 143 | A block recursion method with complex wave vectors. <i>Journal of Physics Condensed Matter</i> , 1993, 5, L465-L468.   | 0.7 | 8         |
| 144 | Comment on "Moriya's anisotropic superexchange interaction, frustration, and Dzyaloshinsky's weak ferromagnetism". <i>Physical Review Letters</i> , 1993, 71, 467-467.             | 2.9 | 30        |

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|-----|---|-----|-----------|
| 145 | Electronic and magnetic structures of cuprates with spin-orbit interaction. <i>Physical Review B</i> , 1993, 47, 3391-3400.   | 1.1 | 57        |
| 146 | Evolution of the in-gap state in high-Tc cuprates. <i>Physical Review B</i> , 1992, 46, 14022-14033.  | 1.1 | 64        |
| 147 | Implications of the Nuclear Quadrupole Frequency in High-Tc Cuprates. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 2198-2201.  | 0.7 | 40        |
| 148 | Charge-transfer gap and superexchange interaction in insulating cuprates. <i>Physical Review Letters</i> , 1991, 66, 1228-1231.   | 2.9 | 129       |
| 149 | Apex oxygen and critical temperature in copper oxide superconductors: Universal correlation with the stability of local singlets. <i>Physical Review B</i> , 1991, 43, 2968-2982.                         | 1.1 | 338       |
| 150 | Transition temperature in copper-oxide superconductors correlated with energy level of apical oxygen. <i>Physica C: Superconductivity and Its Applications</i> , 1990, 166, 385-387.                      | 0.6 | 53        |
| 151 | Local stresses and elastic softening of Fe-Pd invar alloys. <i>Physica B: Condensed Matter</i> , 1990, 161, 60-62.  | 1.3 | 4         |
| 152 | Size versus electronic factors in transition metal Laves phase stability. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 8189-8194.  | 0.7 | 48        |
| 153 | Madelung energy and charge transfer in $\text{Pb}_{2-x}\text{Sr}_x\text{Y}_{1-x}\text{Cu}_3\text{O}_{8+\delta}$ : Possible extra superconducting regions. <i>Physical Review B</i> , 1990, 41, 6524-6531. | 1.1 | 27        |
| 154 | Tight-binding calculations of the electronic structure and magnetic properties in ordered $\text{TPt}_3$ (T=Ti, Tj). <i>ETQq0 0 0 rgBT / Overlock 10 Tf 5</i>   | 0.7 | 40        |
| 155 | Cluster analyses of electronic states in electron-doped copper oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 158, 525-530.                                      | 0.6 | 17        |
| 156 | Rigid muffin-tin calculation of the elastic shear constants of bcc transition metals. <i>Physica B: Condensed Matter</i> , 1988, 154, 113-115.  | 1.3 | 2         |
| 157 | Tight-binding calculation of the local moments in ordered FeV alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 1988, 75, 193-196.  | 1.0 | 1         |
| 158 | The tight-binding bond model. <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, 35-66.   | 1.5 | 422       |
| 159 | Interatomic forces in transition metals. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1988, 58, 143-163.                                  | 0.8 | 63        |
| 160 | Structural Stability of Transition-Metal 13-Atom Clusters. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 2609-2611.   | 0.7 | 4         |
| 161 | Orbital symmetrisation of the recursion method. <i>Journal of Physics C: Solid State Physics</i> , 1987, 20, 1947-1964.   | 1.5 | 68        |
| 162 | Bond energies and defect forces around a vacancy in BCC transition metals. <i>Journal of Physics F: Metal Physics</i> , 1987, 17, L273-L281.  | 1.6 | 24        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Pressure dependence of the spin susceptibility in vanadium. Journal of Physics F: Metal Physics, 1983, 13, L123-L125.         | 1.6 | 9         |
| 164 | Calculation of electronic Gruneisen constant in Zr-Nb-Mo-Re alloys. Journal of Physics F: Metal Physics, 1982, 12, L255-L257. | 1.6 | 3         |