

# Joachim Deisenhofer

## List of Publications by Year in descending order

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121  
papers

3,560  
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117625

34  
h-index

161849

54  
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124  
all docs

124  
docs citations

124  
times ranked

3681  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Confirming the trilinear form of the optical magnetoelectric effect in the polar honeycomb antiferromagnet Co <sub>2</sub> Mo <sub>3</sub> O <sub>8</sub> . Npj Quantum Materials, 2022, 7, . | 5.2  | 26        |
| 2  | Resolving structural changes and symmetry lowering in spinel $\text{FeCr}_2\text{Mn}_4\text{S}_4$ . Physical Review B, 2022, 105, .   | 3.2  | 3         |
| 3  | Unusual field-induced spin reorientation in $\text{FeCr}_2\text{Mn}_4\text{S}_4$ : Field tuning of the Jahn-Teller state. Physical Review B, 2021, 104, .                                     | 3.2  | 6         |
| 4  | Photoinduced long-lived state in FeSe <sub>0.4</sub> Te <sub>0.6</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147090.   | 1.7  | 3         |
| 5  | On the complexity of spinels: Magnetic, electronic, and polar ground states. Physics Reports, 2021, 926, 1-86.  | 25.6 | 66        |
| 6  | Magnetoelectric properties and low-energy excitations of multiferroic $\text{FeCr}_2\text{Mn}_4\text{S}_4$ . Physical Review B, 2020, 102, .  | 3.2  | 9         |
| 7  | Structure, phonons, and orbital degrees of freedom in $\text{Fe}_8\text{O}_8$ . Physical Review B, 2020, 102, .   | 3.2  | 23        |
| 8  | Magnetic and vibronic terahertz excitations in Zn-doped $\text{Fe}_8\text{O}_8$ . Physical Review B, 2020, 102, .   | 3.2  | 9         |
| 9  | Phase diagram of $\text{MnCr}_2\text{Mn}_4\text{S}_4$ up to   | 3.2  | 16        |
| 10 | Structure, superconductivity, and magnetism in $\text{Rb}_z\text{S}_4$ . Physical Review B, 2020, 101, .  | 3.2  | 1         |
| 11 | High-field phase transitions in the orbitally ordered multiferroic $\text{Ge}_4\text{V}_8$ . Physical Review B, 2020, 101, .  | 3.2  | 5         |
| 12 | Lattice dynamics and electronic excitations in a large family of lacunar spinels with a breathing pyrochlore lattice structure. Physical Review B, 2020, 101, .                               | 3.2  | 15        |
| 13 | Infrared-active phonons in the ferrimagnetic and multiferroic phases of FeCr <sub>2</sub> S <sub>4</sub> : Evidence for structural distortions. Physical Review B, 2019, 100, .               | 3.2  | 5         |
| 14 | Atomic-scale coexistence of short-range magnetic order and superconductivity in Fe <sub>1+y</sub> Se <sub>0.1</sub> Te <sub>0.9</sub> . Physical Review Materials, 2019, 3, .                 | 2.4  | 3         |
| 15 | Intrinsic spin resonance in iron pnictides. Magnetic Resonance in Solids, 2019, 21, .   | 0.2  | 0         |
| 16 | Intrinsic Charge Dynamics in High- Tc AFAs(O,F) Superconductors. Physical Review Letters, 2018, 120, 087001.  | 7.8  | 7         |
| 17 | Strong magneto-optical effects in $\text{Fe}_4\text{Cr}_2\text{Mn}_4\text{S}_4$ ( $T_{\text{c}} = 10.784314$ K). Physical Review B, 2018, 98, 080401.   | 3.2  | 12        |
| 18 | Ultra-robust high-field magnetization plateau and supersolidity in bond-frustrated MnCr <sub>2</sub> S <sub>4</sub> . Science Advances, 2017, 3, e1601982.                                    | 10.3 | 22        |

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|----|--|------|-----------|
| 19 | Structure, magnetic susceptibility, and specific heat of the spin-orbital-liquid candidate $\text{FeS}_2$ : A quantum spin liquid? <i>Physical Review B</i> , 2017, 96, .  | 3.2  | 7         |
| 20 | High-pressure versus isoelectronic doping effect on the honeycomb iridate $\text{NaIr}_2\text{O}_6$ . <i>Physical Review B</i> , 2017, 96, .   | 3.2  | 27        |
| 21 | Pressure effect on superconductivity in $\text{FeSe}_{0.5}\text{Te}_{0.5}$ . <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1600161.  | 1.5  | 7         |
| 22 | From confined spinons to emergent fermions: Observation of elementary magnetic excitations in a transverse-field Ising chain. <i>Physical Review B</i> , 2016, 94, .   | 3.2  | 35        |
| 23 | Electromagnons, magnons, and phonons in $\text{Eu}_2\text{O}_3$ . <i>Physical Review B</i> , 2016, 93, .   | 3.2  | 3         |
| 24 | Field-Induced Magnonic Liquid in the 3D Spin-Dimerized Antiferromagnet $\text{Sr}_3\text{Cr}_2\text{O}_8$ . <i>Physical Review Letters</i> , 2016, 116, 147201.  | 7.8  | 13        |
| 25 | Tuning orbital-selective correlations in superconducting $\text{Rb}_x\text{Fe}_2\text{As}_2$ . <i>Physical Review B</i> , 2016, 93, .  | 3.2  | 6         |
| 26 | $[\text{Co}_5\text{Tp}_4(\text{Me}_2\text{bta})_6]$ : A Highly Symmetrical Pentanuclear Kuratowski Complex Featuring Tris(pyrazolyl)borate and Benzotriazolyl Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 1053-1060. | 4.0  | 14        |
| 27 | Spin-orbital and quantum criticality in $\text{FeS}_2$ : A quantum spin liquid candidate. <i>Physical Review B</i> , 2015, 91, .   | 3.2  | 22        |
| 28 | Singlet-Triplet Excitations and Long-Range Entanglement in the Spin-Orbital Liquid Candidate $\text{FeS}_2$ . <i>Physical Review Letters</i> , 2015, 114, 207201.  | 7.8  | 33        |
| 29 | Spin-orbital and quantum criticality in $\text{FeS}_2$ : A quantum spin liquid candidate. <i>Physical Review B</i> , 2015, 91, .   | 3.2  | 22        |
| 30 | Spinon confinement in the one-dimensional Ising-like antiferromagnet $\text{SrCo}_2\text{V}_8\text{O}_{28}$ . <i>Physical Review B</i> , 2015, 91, .   | 3.2  | 49        |
| 31 | Evidence for orbital order and its relation to superconductivity in $\text{FeSe}_{0.4}\text{Te}_{0.6}$ . <i>Science Advances</i> , 2015, 1, e1500206.  | 10.3 | 28        |
| 32 | Pressurizing the $\text{HgCr}_2\text{Se}_4$ spinel at room temperature. <i>Applied Physics Letters</i> , 2014, 104, 011911.  | 3.3  | 10        |
| 33 | Orbital-selective metal-insulator transition and gap formation above TC in superconducting $\text{Rb}_x\text{Fe}_2\text{ySe}_2$ . <i>Nature Communications</i> , 2014, 5, 3202.  | 12.8 | 36        |
| 34 | Ultrasound study of $\text{FeCr}_2\text{S}_4$ in high magnetic fields. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 486001.  | 1.8  | 4         |
| 35 | ESR evidence for partial melting of the orbital order in $\text{LaMnO}_3$ below the Jahn-Teller transition. <i>Physical Review B</i> , 2014, 90, .   | 3.2  | 7         |
| 36 | Real-space imaging of the atomic-scale magnetic structure of $\text{Fe}_3\text{Te}_2$ . <i>Science</i> , 2014, 345, 653-656.   | 12.6 | 79        |

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|----|--|-----|-----------|
| 37 | High-field electron spin resonance spectroscopy of singlet-triplet transitions in the spin-dimer systems<br>$\text{SrCr}_2\text{O}_7$<br>$\text{HgCr}_2\text{S}_4$<br>Physical Review B, 2014, 89, .   | 3.2 | 10        |
| 38 | Physical Review B, 2014, 89, .   |     |           |
| 39 | $\text{FeCr}_2\text{S}_4$ in magnetic fields: possible evidence for a multiferroic ground state. Scientific Reports, 2014, 4, 6079.  | 3.3 | 36        |
| 40 | Spatial inhomogeneity of the superconducting gap and order parameter in $\text{FeSe}$<br>$\text{Te}$<br>Spin correlations and Dzyaloshinskii-Moriya interaction in $\text{CsCuCl}_3$<br>Physical Review B, 2013, 88, .   | 3.2 | 34        |
| 41 | Low-energy magnetic excitations in the quasi-one-dimensional spin-1 chain compound $\text{SrNi}_2\text{V}_2\text{O}_8$<br>$\text{V}$<br>$\text{O}$<br>Physical Review B, 2013, 88, .   | 3.2 | 17        |
| 42 | Unconventional magnetoelectricity in $\text{CoCr}_2\text{O}_8$<br>Physical Review B, 2013, 88, .   | 3.2 | 9         |
| 43 | Low-temperature spin excitations in frustrated $\text{ZnCr}_2\text{O}_4$<br>$\text{O}$<br>Physical Review B, 2013, 88, .   | 3.2 | 9         |
| 44 | Multiple pressure-induced transitions in $\text{HgCr}_2\text{S}_4$ . Applied Physics Letters, 2013, 103, 201908.   | 3.3 | 13        |
| 45 | Raman Scattering Detection of Nearly Degenerate $s$ -Wave and $d$ -Wave Pairing Channels in Iron-Based<br>Phononic and magnetic excitations in the quasi-one-dimensional Heisenberg antiferromagnet $\text{KCuF}_3$ .<br>Low Temperature Physics, 2012, 38, 419-427.   | 7.8 | 51        |
| 46 | Retention spectroscopy in the pseudo-kagome system $\text{Cu}_2\text{Bi}(\text{SeO}_3)_2$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td<br>Physical Review B, 2012, 85, .   | 0.6 | 5         |
| 47 | Korringa-like relaxation in the high-temperature phase of A-site ordered $\text{YBaMn}_2\text{O}_6$ . Physical Review B, 2012, 85, .   | 3.2 | 8         |
| 48 | Electron spin resonance in Eu-based iron pnictides. Physical Review B, 2012, 86, .   | 3.2 | 12        |
| 49 | Universal Exchange-Driven Phonon Splitting in Antiferromagnets. Physical Review Letters, 2012, 108, 177203.  | 7.8 | 26        |
| 50 | Nanoscale Layering of Antiferromagnetic and Superconducting Phases in $\text{RbFe}_2\text{O}_7$<br>Reciprocal-space structure and dispersion of the magnetic resonant mode in the superconducting phase of $\text{RbFe}_2\text{O}_7$<br>Physical Review B, 2012, 85, . | 3.2 | 71        |
| 51 | Electron spin resonance in Eu-based iron pnictides. Physical Review B, 2012, 86, .   | 3.2 | 12        |
| 52 | Universal Exchange-Driven Phonon Splitting in Antiferromagnets. Physical Review Letters, 2012, 108, 177203.  | 7.8 | 26        |
| 53 | Nanoscale Layering of Antiferromagnetic and Superconducting Phases in $\text{RbFe}_2\text{O}_7$<br>Reciprocal-space structure and dispersion of the magnetic resonant mode in the superconducting phase of $\text{RbFe}_2\text{O}_7$<br>Physical Review B, 2012, 85, . | 3.2 | 71        |
| 54 | Electron spin resonance in Eu-based iron pnictides. Physical Review B, 2012, 86, .   | 3.2 | 12        |

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|----|---|-----|-----------|
| 55 | Superconductivity and magnetism in Rb <sub>0.8</sub> Fe <sub>1.6</sub> Se <sub>2</sub> under pressure. Physical Review B, 2012, 85, .   | 3.2 | 27        |
| 56 | Electron spin resonance and exchange paths in the orthorhombic dimer system Sr <sub>2</sub> VO <sub>4</sub> . Physical Review B, 2012, 86, .  | 3.2 | 13        |
| 57 | Infrared phonons and specific heat in the gapped quantum magnet Ba <sub>3</sub> Cr <sub>2</sub> O <sub>8</sub> . Physical Review B, 2012, 85, .   | 3.2 | 11        |
| 58 | Spin-lattice coupling in the frustrated antiferromagnet ZnCr <sub>2</sub> Se <sub>4</sub> probed by ultrasound. Physical Review B, 2012, 86, .  | 3.2 | 23        |
| 59 | Magnetic properties of novel FeSe(Te) superconductors. Journal of Magnetism and Magnetic Materials, 2012, 324, 3460-3463.   | 2.3 | 10        |
| 60 | W <sup>1/4</sup> stite: electric, thermodynamic and optical properties of FeO. European Physical Journal B, 2012, 85, 1.  | 1.5 | 36        |
| 61 | Superconductivity at T <sub>c</sub> = 44 K in Li <sub>x</sub> Fe <sub>2</sub> Se <sub>2</sub> (NH <sub>3</sub> ) <sub>y</sub> . European Physical Journal B, 2012, 85, 1.                           | 1.5 | 89        |
| 62 | NMR Study in the Iron-Selenide Rb <sub>0.74</sub> Fe <sub>1.26</sub> Se <sub>2</sub> . Determination of the Superconducting Phase as Iron Vacancy-Free. Physical Review Letters, 2012, 108, 257002. | 7.8 | 113       |
| 63 | Anisotropic magnetism, superconductivity, and the phase diagram of Rb <sub>2</sub> Fe <sub>2</sub> Se <sub>2</sub> . Physical Review B, 2012, 85, 1.  | 3.2 | 35        |
| 64 | Improvement of superconducting properties of FeSe <sub>0.5</sub> Te <sub>0.5</sub> single crystals by Mn substitution. Superconductor Science and Technology, 2011, 24, 045009.                     | 3.2 | 56        |
| 65 | Optical Techniques for Systems with Competing Interactions. Springer Series in Solid-state Sciences, 2011, , 107-128.   | 3.5 | 37        |
| 66 | Magnetic and superconducting properties of FeSe <sub>x</sub> (x <sup>1/4</sup> 0, 0.5, and 1.0). Low Temperature Physics, 2011, 37, 83-89.  | 0.3 | 1         |
| 67 | Pressure effects on the magnetic susceptibility of FeTe <sub>x</sub> (x <sub>simeq</sub> 1.0). Journal of Physics Condensed Matter, 2011, 23, 325701.   | 0.6 | 26        |
| 68 | Anomalous optical phonons in FeTe chalcogenides: Spin state, magnetic order, and lattice anharmonicity. Physical Review B, 2011, 83, .  | 1.8 | 10        |
| 69 | Phase separation in superconducting and antiferromagnetic Rb <sub>0.8</sub> Fe <sub>1.2</sub> Se <sub>2</sub> by Mössbauer spectroscopy. Physical Review B, 2011, 84, .                             | 3.2 | 98        |
| 70 | Physical properties of FeSe <sub>0.5</sub> Te <sub>0.5</sub> single crystals grown under different conditions. European Physical Journal B, 2011, 79, 289-299.                                      | 1.5 | 83        |
| 71 | Magnetization and specific heat of the dimer system CuTe <sub>2</sub> O <sub>5</sub> . European Physical Journal B, 2011, 84, 391-395.  | 1.5 | 12        |

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|----|---|-----|-----------|
| 73 | Lattice vibrations in $\text{KCuF}_3$ . Annalen Der Physik, 2011, 523, 645-651.   | 2.4 | 5         |
| 74 | Magnetic Resonant Mode in the Low-Energy Spin-Excitation Spectrum of Superconducting $\text{Fe}_2\text{Cr}_2\text{O}_7$ Crystals. Physical Review Letters, 2011, 107, 177005.                     | 7.8 | 98        |
| 75 | Coupled spin-lattice fluctuations in a compound with orbital degrees of freedom: The Cr-based dimer system $\text{Sr}_3\text{Cr}_2\text{O}_8$ . Physical Review B, 2011, 84, .                    | 3.2 | 13        |
| 76 | Orbital fluctuations and orbital order below the Jahn-Teller transition in $\text{Sr}_3\text{Cr}_2\text{O}_8$ . Physical Review B, 2011, 83, .  | 3.2 | 20        |
| 77 | Alternating spin-orbital order in tetragonal $\text{SrVO}_4$ . Physical Review B, 2011, 84, .   | 3.2 | 21        |
| 78 | Magnetostructural Transitions in a Frustrated Magnet at High Fields. Physical Review Letters, 2011, 106, 247202.  | 7.8 | 22        |
| 79 | Optical study of phonons and electronic excitations in tetragonal $\text{SrVO}_4$ . Physical Review B, 2011, 84, .  | 3.2 | 20        |
| 80 | Singlet-Triplet Excitations and High-Field Magnetization in $\text{CuTe}_2\text{O}_5$ . Journal of the Physical Society of Japan, 2011, 80, 124707.   | 1.6 | 11        |
| 81 | Two-dimensional orbital ordering in $\text{d}^1$ Mott insulator $\text{SrVO}_4$ . Journal of Physics: Conference Series, 2010, 200, 012219.   | 0.4 | 13        |
| 82 | Magnetic and superconducting transitions in $\text{BaMn}_2\text{Fe}_2\text{O}_{10}$ . Physical Review B, 2010, 81, .  | 3.2 | 33        |
| 83 | Strong reduction of the Korringa relaxation in the spin-density wave regime of $\text{EuFe}_2\text{As}_2$ observed by electron spin resonance. Physical Review B, 2010, 81, .                     | 3.2 | 29        |
| 84 | Structural anomalies and the orbital ground state in $\text{FeCr}_2\text{O}_7$ . Physical Review B, 2010, 81, .   | 3.2 | 39        |
| 85 | Magnetic fluctuations and superconductivity in iron pnictides as probed by electron spin resonance. Physical Review B, 2010, 82, .  | 3.2 | 15        |
| 86 | Magnetic susceptibility of the frustrated spinels $\text{ZnCr}_2\text{O}_4$ , $\text{MgCr}_2\text{O}_4$ and $\text{CdCr}_2\text{O}_4$ . Journal of Physics: Conference Series, 2010, 200, 032032. | 0.4 | 32        |
| 87 | 10.1007/s11451-008-2011-2. , 2010, 50, 283.   |     | 0         |
| 88 | Optical phonons, spin correlations, and spin-phonon coupling in the frustrated pyrochlore magnets $\text{CdCr}_2\text{O}_7$ . Physical Review B, 2009, 80, .                                      | 3.2 | 67        |
| 89 | Competition of magnetism and superconductivity in underdoped $(\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2)$ . New Journal of Physics, 2009, 11, 025014.                                      | 2.9 | 88        |
| 90 | Optical properties of $\text{ZnCr}_2\text{Se}_4$ . European Physical Journal B, 2009, 68, 153-160.  | 1.5 | 21        |

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|-----|--|-----|-----------|
| 91  | Far-infrared optical excitations in multiferroic TbMnO <sub>3</sub> . European Physical Journal B, 2009, 71, 411-418.  | 1.5 | 26        |
| 92  | Spin-phonon coupling in highly correlated transition-metal monoxides. European Physical Journal: Special Topics, 2009, 180, 43-59.   | 2.6 | 25        |
| 93  | Anisotropic exchange interactions in CuTe <sub>2</sub> O <sub>5</sub> . Physics of the Solid State, 2008, 50, 283-289.   | 0.6 | 8         |
| 94  | Electron spin resonance across the charge-ordering transition in $\text{YBaMn}_2\text{O}_7$ . Physical Review B, 2008, 78, .   | 3.2 | 13        |
| 95  | Dynamical Dzyaloshinsky-Moriya Interaction in $\text{KCuF}_3$ . Physical Review Letters. 2008. 101. 147601.  | 7.8 | 31        |
| 96  | Optical spectroscopy in CoO: Phononic, electric, and magnetic excitation spectrum within the charge-transfer gap. Physical Review B, 2008, 78, .                             | 3.2 | 47        |
| 97  | Spin state and orbital moments across the metal-insulator-transition of REBaCo <sub>2</sub> O <sub>5.5</sub> investigated by XMCD. New Journal of Physics, 2008, 10, 123030. | 2.9 | 14        |
| 98  | Chain formation by spin pentamers in $\text{Na}_9\text{V}_{14}\text{O}_{35}$ . Europhysics Letters, 2008, 83, 67002.   | 2.0 | 1         |
| 99  | Optical Evidence for Symmetry Changes above the Néel Temperature of $\text{KCuF}_3$ . Physical Review Letters. 2008. 101. 157406.  | 7.8 | 46        |
| 100 | Anisotropic Exchange in Spin Chains. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 193-238.  | 0.3 | 22        |
| 101 | Griffiths phases vs magnetic polarons in the lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Journal of Magnetism and Magnetic Materials, 2007, 310, 1966-1968.     | 2.3 | 10        |
| 102 | Unconventional Anisotropic Superexchange in $\text{NaV}_2\text{O}_5$ . Physical Review Letters, 2006, 96, 027209.  | 7.8 | 13        |
| 103 | Structural and magnetic dimers in the spin-gapped system $\text{CuTe}_2\text{O}_5$ . Physical Review B, 2006, 74, .  | 3.2 | 50        |
| 104 | Spin dynamics in the low-dimensional magnet TiOCl. Physical Review B, 2006, 73, .  | 3.2 | 29        |
| 105 | Phonon anomalies and charge dynamics in $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ single crystals. Physical Review B, 2005, 72, .                                    | 3.2 | 12        |
| 106 | Observation of a Griffiths Phase in Paramagnetic $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Physical Review Letters, 2005, 95, 257202.                                       | 7.8 | 315       |
| 107 | Spin fluctuations in the quasi-two-dimensional Heisenberg ferromagnet $\text{GdI}_2$ studied by electron spin resonance. Physical Review B, 2004, 69, .                      | 3.2 | 14        |
| 108 | Large and small polaron excitations in $\text{La}_{2/3}(\text{Sr}/\text{Ca})_{1/3}\text{MnO}_3$ films. Physical Review B, 2004, 69, .  | 3.2 | 45        |

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|-----|--|-----|-----------|
| 109 | Melanin in the extracellular matrix of germlings of <i>Botrytis cinerea</i> . <i>Phytochemistry</i> , 2003, 63, 687-691.   | 2.9 | 40        |
| 110 | ESR investigation of the spin dynamics in $(\text{Gd}_{1-x}\text{Y}_x)_2\text{PdSi}_3$ . <i>Solid State Communications</i> , 2003, 125, 327-331.                               | 1.9 | 9         |
| 111 | Anisotropic colossal magnetoresistance effects in $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ . <i>Physical Review B</i> , 2003, 67, .                                   | 3.2 | 41        |
| 112 | Evidence for Jahn-Teller Distortions at the Antiferromagnetic Transition in $\text{LaTiO}_3$ . <i>Physical Review Letters</i> , 2003, 91, 066403.                              | 7.8 | 73        |
| 113 | Orbital order parameter in $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ probed by electron spin resonance. <i>Physical Review B</i> , 2003, 68, .                            | 3.2 | 27        |
| 114 | Orbital Order and Spin Relaxation in $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ . <i>Modern Physics Letters B</i> , 2003, 17, 469-477.                                     | 1.9 | 0         |
| 115 | Phase Transitions and Spin Relaxation in $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ . <i>Modern Physics Letters B</i> , 2003, 17, 459-467.                                 | 1.9 | 10        |
| 116 | Crystal field, Dzyaloshinsky-Moriya interaction, and orbital order in $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ probed by ESR. <i>Physical Review B</i> , 2002, 65, .     | 3.2 | 51        |
| 117 | Interplay of superexchange and orbital degeneracy in Cr-doped $\text{LaMnO}_3$ . <i>Physical Review B</i> , 2002, 66, .  | 3.2 | 46        |
| 118 | Microscopic State of Low Doped Manganites $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ Probed by ESR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2002, 15, 523-525. | 0.5 | 1         |
| 119 | Jahn-Teller Polarons in Lightly Doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ as Studied by EPR. , 2001, , 317-321.   |     | 0         |
| 120 | ESR study in lightly doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review B</i> , 2000, 61, 6213-6219.  | 3.2 | 169       |
| 121 | Exchange-Induced Magnetic Dipole Mechanism of Magnon Sideband. <i>Solid State Phenomena</i> , 0, 168-169, 113-116.   | 0.3 | 1         |