

Stephen E Nagler

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Role of the third dimension in searching for Majorana fermions in \hat{I}_{\pm} -RuCl ₃ via phonons. Physical Review Research, 2022, 4, . | | |
| 2 | Spin-exchange Hamiltonian and topological degeneracies in elemental gadolinium. Physical Review B, 2022, 105, . | 1.1 | 6 |
| 3 | Dirac Magnons, Nodal Lines, and Nodal Plane in Elemental Gadolinium. Physical Review Letters, 2022, 128, 097201. | 2.9 | 13 |
| 4 | Magnetoelastic coupling anisotropy in the Kitaev material \hat{I}_{\pm} -RuCl ₃ . Physical Review B, 2022, 105, . | | |
| 5 | Evidence of a Phonon Hall Effect in the Kitaev Spin Liquid Candidate \hat{I}_{\pm} -RuCl ₃ . Physical Review X, 2022, 12, . | 2.8 | 37 |
| 6 | Extraction of interaction parameters for \hat{I}_{\pm} -RuCl ₃ from neutron data using machine learning. Physical Review Research, 2022, 4, . | | |
| 7 | Detection of Kardar-Parisi-Zhang hydrodynamics in a quantum Heisenberg spin-1/2 chain. Nature Physics, 2021, 17, 726-730. | 6.5 | 60 |
| 8 | Field-induced intermediate ordered phase and anisotropic interlayer interactions in \hat{I}_{\pm} -RuCl ₃ . Physical Review B, 2021, 103, . | | |
| 9 | Oscillations of the thermal conductivity in the spin-liquid state of \hat{I}_{\pm} -RuCl ₃ . Nature Physics, 2021, 17, 915-919. | 6.5 | 103 |
| 10 | Witnessing entanglement in quantum magnets using neutron scattering. Physical Review B, 2021, 103, . | 1.1 | 39 |
| 11 | Impact of further-range exchange and cubic anisotropy on magnetic excitations in the fcc kagome antiferromagnet IrMn3. Physical Review B, 2021, 104, . | 1.1 | 2 |
| 12 | Possible observation of Kondo screening cloud in Yb ₁₄ MnSb ₁₁ . Philosophical Magazine, 2020, 100, 1204-1210. | 0.7 | 1 |
| 13 | Nature of Magnetic Excitations in the High-Field Phase of \hat{I}_{\pm} -RuCl ₃ . Physical Review Letters, 2020, 125, 037202. | 2.9 | 33 |
| 14 | Charge-Transfer Plasmon Polaritons at Graphene/ \hat{I}_{\pm} -RuCl ₃ Interfaces. Nano Letters, 2020, 20, 8438-8445. | 4.5 | 53 |
| 15 | Pulsed spallation neutron spectroscopy of low dimensional magnets: past, present, and future. Journal of Physics Condensed Matter, 2020, 32, 374004. | 0.7 | 2 |
| 16 | Field-induced transitions in the Kitaev material \hat{I}_{\pm} -RuCl ₃ probed by thermal expansion and magnetostriction. Physical Review B, 2020, 101, . | 1.1 | 24 |
| 17 | The range of non-Kitaev terms and fractional particles in \hat{I}_{\pm} -RuCl ₃ . Npj Quantum Materials, 2020, 5, . | 1.8 | 38 |
| 18 | Thermal and magnetoelastic properties of \hat{I}_{\pm} -RuCl ₃ in the field-induced low-temperature states. Physical Review B, 2020, 102, . | 1.4 | 66 |

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| 19 | Finite field regime for a quantum spin liquid in \hat{I}_{\pm} . Physical Review B, 2019, 100, . | 1.1 | 8 |
| 20 | Polarization-resolved Raman spectroscopy of \hat{I}_{\pm} and evidence of room-temperature two-dimensional magnetic scattering. Physical Review B, 2019, 100, . | 1.1 | 8 |
| 21 | Time-of-Flight Neutron Diffraction (TOF-ND) Analyses of the Composition and Minting of Ancient Judaeon Biblical Coins. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-18. | 0.7 | 2 |
| 22 | Concept and realization of Kitaev quantum spin liquids. Nature Reviews Physics, 2019, 1, 264-280. | 11.9 | 464 |
| 23 | Anomalous magnetic behavior of $\text{BaMn}_2\text{CoO}_4$ tetrahedra. Physical Review B, 2019, 99, . | 1.1 | 8 |
| 24 | Excitations in the field-induced quantum spin liquid state of \hat{I}_{\pm} - RuCl_3 . Npj Quantum Materials, 2018, 3, . | 1.8 | 254 |
| 25 | Structural and magnetic transitions in spinel FeMn_2O_4 single crystals. Physical Review B, 2018, 97, . | 1.1 | 25 |
| 26 | Unusual Phonon Heat Transport in \hat{I}_{\pm} - RuCl_3 : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. Physical Review Letters, 2018, 120, 117204. | 1.1 | 8 |
| 27 | Field evolution of magnons in \hat{I}_{\pm} by high-resolution polarized terahertz spectroscopy. Physical Review B, 2018, 98, . | 1.1 | 8 |
| 28 | Anisotropic susceptibilities in the honeycomb Kitaev system \hat{I}_{\pm} . Physical Review B, 2018, 98, . | 1.1 | 8 |
| 29 | Pressure-induced dimerization and valence bond crystal formation in the Kitaev-Heisenberg magnet \hat{I}_{\pm} . Physical Review B, 2018, 97, . | 1.1 | 75 |
| 30 | Neutron scattering in the proximate quantum spin liquid \hat{I}_{\pm} - RuCl_3 . Science, 2017, 356, 1055-1059. | 6.0 | 499 |
| 31 | Comprehensive study of the dynamics of a classical Kitaev spin liquid. Physical Review B, 2017, 96, . | 1.1 | 42 |
| 32 | Evidence for the confinement of magnetic monopoles in quantum spin ice. Journal of Physics Condensed Matter, 2017, 29, 45LT01. | 0.7 | 9 |
| 33 | Excitations and magnetization density distribution in the dilute ferromagnetic semiconductor YbMn_2S_4 . Single ion properties of the YbMn_2S_4 . Physical Review B, 2017, 95, . | 1.1 | 5 |
| 34 | antiferromagnetic pyrochlores $\text{Na}_2\text{M}_2\text{S}_4$. Physical Review B, 2017, 95, . | 1.1 | 42 |
| 35 | Destabilization of Magnetic Order in a Dilute Kitaev Spin Liquid Candidate. Physical Review Letters, 2017, 119, 237203. | 2.9 | 36 |
| 36 | Antiferromagnetic Resonance and Terahertz Continuum in \hat{I}_{\pm} . Physical Review Letters, 2017, 119, 227201. | 2.9 | 85 |

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| 37 | Unconventional spin dynamics in the honeycomb-lattice material YbMgSk : High-field electron spin resonance studies. <i>Physical Review B</i> , 2017, 96, . | | |
| 38 | Atomic-scale observation of structural and electronic orders in the layered compound Yb-RuCl_3 . <i>Nature Communications</i> , 2016, 7, 13774. | 5.8 | 66 |
| 39 | Proximate Kitaev quantum spin liquid behaviour in a honeycomb magnet. <i>Nature Materials</i> , 2016, 15, 733-740. | 13.3 | 762 |
| 40 | Light atom quantum oscillations in UC and US. <i>Physical Review B</i> , 2016, 93, . | 1.1 | 5 |
| 41 | Structural transition and orbital glass physics in near-itinerant CoV_2O_4 . <i>Physical Review B</i> , 2016, 93, . | 1.1 | 25 |
| 42 | Low-temperature crystal and magnetic structure of YbMgSk . <i>Physical Review B</i> , 2016, 93, . | 1.1 | 21 |
| 43 | Comparison to the conventional antiferromagnet CoAl_2O_4 . <i>Physical Review B</i> , 2016, 93, . | 1.1 | 21 |
| 44 | Magnetic correlations in the quasi-two-dimensional semiconducting ferromagnet CrSiTe_3 . <i>Physical Review B</i> , 2015, 92, . | 1.1 | 14 |
| 45 | Magnetic Response of Mn(III)F(salen) at Low Temperatures. <i>Acta Physica Polonica A</i> , 2014, 126, 228-229. | 0.2 | 2 |
| 46 | Neutron, electron, and x-ray scattering investigation of CrI_3 near quantum criticality. <i>Physical Review B</i> , 2014, 90, . | 1.1 | 7 |
| 47 | Tuning the magnetic and structural phase transitions of PrFeAsO via Fe/Ru spin dilution. <i>Physical Review B</i> , 2014, 90, . | 1.1 | 6 |
| 48 | A complete strain-temperature phase diagram for BiFeO_3 films on SrTiO_3 and LaAlO_3 ($0 \leq x \leq 1$) substrates. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 034011. | 1.3 | 16 |
| 49 | Using Monte Carlo ray tracing simulations to model the quantum harmonic oscillator modes observed in uranium nitride. <i>Physical Review B</i> , 2014, 89, . | 1.1 | 18 |
| 50 | Magnons and a two-component spin gap in YbMgSk . <i>Physical Review B</i> , 2014, 89, . | 1.1 | 19 |
| 51 | An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. <i>Scientific Reports</i> , 2014, 4, 5471. | 1.6 | 138 |
| 52 | The early development of neutron diffraction: science in the wings of the Manhattan Project. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, 37-44. | 0.3 | 23 |
| 53 | Coupled Nd and Ba^{2+} spin ordering in the double perovskites $\text{Nd}_2\text{NaBa}_2\text{O}_6$ ($\text{Ba}^{2+} = \text{Ru, Os}$). <i>Physical Review B</i> , 2013, 88, . | 1.1 | 15 |
| 54 | Frustration by competing interactions in the highly distorted double perovskites $\text{La}_2\text{NaBa}_2\text{O}_6$ ($\text{Ba}^{2+} = \text{Ru, Os}$). <i>Physical Review B</i> , 2013, 87, . | 1.1 | 46 |

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| 55 | Multispinon Continua at Zero and Finite Temperature in a Near-Ideal Heisenberg Chain. Physical Review Letters, 2013, 111, 137205. | 2.9 | 122 |
| 56 | Quasi-One-Dimensional Magnons in an Intermetallic Marcasite. Physical Review Letters, 2012, 108, 167202. | 2.9 | 21 |
| 57 | Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. Physical Review B, 2012, 86, . | 1.1 | 19 |
| 58 | Quantum oscillations of nitrogen atoms in uranium nitride. Nature Communications, 2012, 3, 1124. | 5.8 | 16 |
| 59 | Strain dependence of transition temperatures and structural symmetry of BiFeO ₃ within the tetragonal-like structure. Applied Physics Letters, 2012, 101, . | 1.5 | 23 |
| 60 | Magnetic order and ice rules in the multiferroic spinel FeV ₂ O ₄ . Physical Review B, 2012, 86, . | 1.1 | 72 |
| 61 | Visualizing the chemistry and structure dynamics in lithium-ion batteries by in-situ neutron diffraction. Scientific Reports, 2012, 2, 747. | 1.6 | 134 |
| 62 | Competing Ferri- and Antiferromagnetic Phases in Geometrically Frustrated LuFe ₂ O ₄ . Physical Review Letters, 2012, 108, 037206. | | 55 |
| 63 | Neutron diffraction study and anomalous negative thermal expansion in nonsuperconducting PrFe _{1-x} Ru _x AsO. Physical Review B, 2012, 86, . | 1.1 | 6 |
| 64 | Antiferromagnetic transitions in tetragonal-like BiFeO ₃ . Physical Review B, 2012, 85, . | 1.1 | 59 |
| 65 | Antiferromagnetic order in MnO spherical nanoparticles. Physical Review B, 2011, 83, . | 1.1 | 17 |
| 66 | Spin-wave excitation in the antiferromagnetic bilayer ruthenate Ca ₃ Ru ₂ O ₇ . Physical Review B, 2011, 84, . | | 8 |
| 67 | Kinetically inhibited order in a diamond-lattice antiferromagnet. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15693-15698. | 3.3 | 41 |
| 68 | Potassium tantalate substrates for neutron experiments on antiferromagnetic perovskite films. Journal of Physics: Conference Series, 2010, 251, 012021. | 0.3 | 0 |
| 69 | Evolution of spin excitations into the superconducting state in FeTe _{1-x} Sex. Nature Physics, 2010, 6, 182-186. | 6.5 | 151 |
| 70 | Unusual Relationship between Magnetism and Superconductivity in FeTe _{0.5} Se _{0.5} . Physical Review Letters, 2010, 104, 187002. | 2.9 | 62 |
| 71 | SEQUOIA: A Newly Operating Chopper Spectrometer at the SNS. Journal of Physics: Conference Series, 2010, 251, 012058. | 0.3 | 191 |
| 72 | Spin excitations in BaFe ₂ As ₂ observed by inelastic neutron scattering. Physical Review B, 2009, 80, . | 1.84 | 103 |

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| 73 | Two-dimensional resonant magnetic excitation in $\text{BaFe}_{1.84}\text{Co}$. Physical Review Letters, 2009, 102, 107005. | 2.9 | 237 |
| 74 | Neutron scattering evidence for isolated spin-12ladders in $(\text{C}_5\text{D}_{12}\text{N})_2\text{CuBr}_4$. Physical Review B, 2009, 80, . | 1.1 | 31 |
| 75 | Static and Dynamic Magnetism in Underdoped Superconductor $\text{BaFe}_{1.92}\text{Co}$. Physical Review Letters, 2009, 103, 087002. | 2.9 | 150 |
| 76 | Neutron diffraction in a model itinerant metal near a quantum critical point. Journal of Physics: Conference Series, 2009, 150, 042189. | 0.3 | 0 |
| 77 | Elastic neutron scattering in Quantum Critical Antiferromagnet. Physica B: Condensed Matter, 2008, 403, 1276-1278. | 1.3 | 3 |
| 78 | Magnetic short-range correlations and quantum critical scattering in the non-Fermi liquid regime of URu_2Si_2 . Physical Review B, 2008, 78, . | 1.1 | 10 |
| 79 | Three-Dimensional Magnetic Correlations in Multiferroic LuFe_2O_4 . Physical Review Letters, 2008, 100, 056404. | 2.9 | 130 |
| 80 | Magnetic and Orbital Ordering in the Spinel MnV_2O_4 . Physical Review Letters, 2008, 100, 056404. | 2.9 | 145 |
| 81 | Charge Order in LuFe_2O_4 : Antiferroelectric Ground State and Coupling to Magnetism. Physical Review Letters, 2008, 101, 227601. | 2.9 | 120 |
| 82 | Inelastic neutron scattering study of a quantum spin trimer. Physical Review B, 2007, 75, . | 1.1 | 7 |
| 83 | Quantum Spin Correlations in an Organometallic Alternating-Sign Chain. Physical Review Letters, 2007, 99, 087204. | 2.9 | 42 |
| 84 | Dimethylammonium Trichlorocuprate(II): Structural Transition, Low-Temperature Crystal Structure, and Unusual Two-Magnetic Chain Structure Dictated by Nonbonding Chloride-Chloride Contacts. Inorganic Chemistry, 2006, 45, 7689-7697. | 1.9 | 39 |
| 85 | Temperature-dependent bilayer ferromagnetism in $\text{Sr}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2006, 73, . | 1.1 | 19 |
| 86 | Field Dependent Phase Diagram of the Quantum Spin Chain $(\text{CH}_3)_2\text{NH}_2\text{CuCl}_3$. AIP Conference Proceedings, 2006, , . | 0.3 | 1 |
| 87 | Spin dynamics of the low-dimensional magnet $(\text{CH}_3)_2\text{NH}_2\text{CuCl}_3$. Physica B: Condensed Matter, 2006, 385-386, 438-440. | 1.3 | 5 |
| 88 | Magnetic excitation spectrum of the square lattice $S=1/2$ Heisenberg antiferromagnet $\text{K}_2\text{V}_3\text{O}_8$. Physical Review B, 2006, 74, . | 1.1 | 17 |
| 89 | Spin Waves in the Frustrated Kagomé Lattice Antiferromagnet $\text{KFe}_3(\text{OH})_6(\text{SO}_4)_2$. Physical Review Letters, 2006, 96, 247201. | 2.9 | 136 |
| 90 | Probing spin frustration in high-symmetry magnetic nanomolecules by inelastic neutron scattering. Physical Review B, 2006, 73, . | 1.1 | 54 |

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| 91 | Polarized inelastic neutron scattering in the quasi-one-dimensional antiferromagnet KCuF ₃ . <i>Physica B: Condensed Matter</i> , 2005, 356, 56-59. | 1.3 | 3 |
| 92 | Quantum criticality and universal scaling of a quantum antiferromagnet. <i>Nature Materials</i> , 2005, 4, 329-334. | 13.3 | 267 |
| 93 | Understanding low-energy magnetic excitations and hydrogen bonding in VOHPO ₄ ·12H ₂ O. <i>Physical Review B</i> , 2005, 72, . | 1.1 | 7 |
| 94 | Longitudinal magnetic dynamics and dimensional crossover in the quasi-one-dimensional spin-1/2 Heisenberg antiferromagnet KCuF ₃ . <i>Physical Review B</i> , 2005, 71, . | 1.1 | 45 |
| 95 | Single crystal growth and characterization of nearly stoichiometric LiVO ₂ . <i>Materials Research Bulletin</i> , 2004, 39, 1319-1328. | 2.7 | 44 |
| 96 | Neutron scattering study of two-magnon states in the quantum magnet copper nitrate. <i>Physical Review B</i> , 2003, 67, . | 1.1 | 47 |
| 97 | Large enhancement of x-ray magnetic scattering at the L edges of the 5d transition metal antiferromagnet K ₂ ReCl ₆ . <i>Journal of Physics Condensed Matter</i> , 2003, 15, L59-L66. | 0.7 | 10 |
| 98 | Magnetic Field Enhancement of Heat Transport in the 2D Heisenberg Antiferromagnet K ₂ V ₃ O ₈ . <i>Physical Review Letters</i> , 2002, 88, 095901. | 2.9 | 44 |
| 99 | Structural ordering and symmetry breaking in Cd ₂ Re ₂ O ₇ . <i>Physical Review B</i> , 2002, 66, . | 1.1 | 47 |
| 100 | Neutron-scattering studies of the S = 2 antiferromagnetic chain MnCl ₃ (C ₁₀ D ₈ N ₂). <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s868-s870. | 1.1 | 5 |
| 101 | Design and simulation of the CG1 beamline at HFIR. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1495-s1497. | 1.1 | 1 |
| 102 | Weak Ferromagnetism and Field-Induced Spin Reorientation in K ₂ V ₃ O ₈ . <i>Physical Review Letters</i> , 2001, 86, 159-162. | 2.9 | 78 |
| 103 | Quantum and classical dynamics in mixed-spin one-dimensional antiferromagnets. <i>Journal of Physics Condensed Matter</i> , 2001, 13, R525-R536. | 0.7 | 26 |
| 104 | Zone-boundary excitations in coupled Haldane spin chain compounds PbNi ₂ V ₂ O ₈ and SrNi ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2001, 64, . | 1.1 | 16 |
| 105 | Spin dynamics of the quasi-one-dimensional ferromagnet CoCl ₂ ·2D ₂ O. <i>Physical Review B</i> , 2001, 64, . | 1.1 | 13 |
| 106 | Magnetic Spin Ladder (C ₅ H ₁₂ N) ₂ CuBr ₄ : High-Field Magnetization and Scaling near Quantum Criticality. <i>Physical Review Letters</i> , 2001, 86, 5168-5171. | 2.9 | 148 |
| 107 | Role of single-ion excitations in the mixed-spin quasi-one-dimensional quantum antiferromagnet Nd ₂ BaNiO ₅ . <i>Physical Review B</i> , 2000, 61, 11601-11612. | 1.1 | 17 |
| 108 | Long-range antiferromagnetic order in the S=1 chain compound LiVGe ₂ O ₆ . <i>Physical Review B</i> , 2000, 62, R9244-R9247. | 1.1 | 34 |

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| 110 | Inelastic neutron scattering studies of magnetic excitations at the Oak Ridge National Laboratory. <i>Neutron News</i> , 1999, 10, 21-25. | 0.1 | 0 |
| 111 | Polarized-Neutron Observation of Longitudinal Haldane-Gap Excitations in $\text{Nd}_2\text{BaNiO}_5$. <i>Physical Review Letters</i> , 1999, 82, 2382-2385. | 2.9 | 43 |
| 112 | Neutron-scattering study of magnetic excitations in $(\text{VO})_2\text{P}_2\text{O}_7$. <i>Physical Review B</i> , 1997, 55, 3631-3635. | 1.1 | 37 |
| 113 | Excitation Spectrum and Superexchange Pathways in the Spin Dimer $\text{VOPO}_4 \cdot 12\text{D}_2\text{O}$. <i>Physical Review Letters</i> , 1997, 78, 4998-5001. | 2.9 | 67 |
| 114 | Square-lattice spiral magnet $\text{Ba}_2\text{CuGe}_2\text{O}_7$ in an in-plane magnetic field. <i>Physical Review B</i> , 1997, 56, 14006-14012. | 1.1 | 27 |
| 115 | Magnetic Excitations in the $S=1/2$ Alternating Chain Compound $(\text{VO})_2\text{P}_2\text{O}_7$. <i>Physical Review Letters</i> , 1997, 79, 745-748. | 2.9 | 204 |
| 116 | Magnetic excitations in the spin ladder system $(\text{VO})_2\text{P}_2\text{O}_7$. <i>Journal of Applied Physics</i> , 1997, 81, 3968-3970. | 1.1 | 1 |
| 117 | Magnetism in BaCoS_2 . <i>Journal of Applied Physics</i> , 1997, 81, 4620-4622. | 1.1 | 16 |
| 118 | Spin dynamics in the linear-chain $S=1$ antiferromagnet $\text{Ni}(\text{C}_3\text{H}_{10}\text{N}_2)_2\text{N}_3(\text{ClO}_4)$. <i>Physical Review B</i> , 1996, 53, 15004-15009. | 1.1 | 33 |
| 119 | Structural, magnetic, and transport properties of $\text{La}_2\text{Cu}_{1-x}\text{Li}_x\text{O}_4$. <i>Physical Review B</i> , 1996, 54, 12014-12017. | 1.1 | 45 |
| 120 | Energy levels of Co^{2+} in CoF_2 and CsCoCl_3 . <i>Journal of Physics Condensed Matter</i> , 1995, 7, 2917-2929. | 0.7 | 4 |
| 121 | Effects of coupling between chains on the magnetic excitation spectrum of KCuF_3 . <i>Physical Review B</i> , 1995, 52, 13381-13389. | 1.1 | 45 |
| 122 | Measurement of the spin-excitation continuum in one-dimensional KCuF_3 using neutron scattering. <i>Physical Review B</i> , 1995, 52, 13368-13380. | 1.1 | 128 |
| 123 | Exchange mixing and soliton dynamics in the quantum spin chain CsCoCl_3 . <i>Physical Review B</i> , 1995, 52, 15992-16000. | 1.1 | 59 |
| 124 | Spin waves and temperature-dependent behaviour of the quasi-two-dimensional antiferromagnet KFeF_4 . <i>Journal of Physics Condensed Matter</i> , 1994, 6, 6667-6678. | 0.7 | 7 |
| 125 | Spin waves in the spin-flop phase of RbMnF_3 . <i>Journal of Physics Condensed Matter</i> , 1994, 6, 10341-10355. | 0.7 | 1 |
| 126 | Role of the template layer in organizing self-assembled films: zirconium phosphonate monolayers and multilayers at a Langmuir-Blodgett template. <i>Journal of the American Chemical Society</i> , 1994, 116, 295-301. | 6.6 | 100 |

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| 127 | Sans Study of Phase Separation in Solid ^3He - ^4He . Materials Research Society Symposia Proceedings, 1994, 376, 335. | 0.1 | 1 |
| 128 | Spin dynamics of a Heisenberg antiferromagnetic chain. Physica A: Statistical Mechanics and Its Applications, 1993, 194, 280-287. | 1.2 | 3 |
| 129 | Time-resolved small-angle x-ray-scattering study of ordering kinetics in diblock styrene-butadiene. Physical Review B, 1993, 47, 8425-8435. | 1.1 | 36 |
| 130 | Unbound spinons in the $S=1/2$ antiferromagnetic chain KCuF_3 . Physical Review Letters, 1993, 70, 4003-4006. | 2.9 | 188 |
| 131 | Polarization kinetics of the charge density wave state of $\text{K}_0.3\text{MoO}_3$. Physical Review Letters, 1993, 70, 3095-3098. | 2.9 | 8 |
| 132 | Deformation of the charge-density wave by electric fields in $\text{K}_0.3\text{MoO}_3$. Physical Review B, 1993, 47, 1655-1658. | 1.1 | 8 |
| 133 | Low-temperature magnetic measurements of an $S=1$ linear-chain Heisenberg antiferromagnet. Physical Review B, 1992, 46, 8655-8658. | 1.1 | 41 |
| 134 | Time-resolved x-ray-scattering study of ordering kinetics in bulk single-crystal Cu_3Au . Physical Review B, 1992, 46, 40-54. | 1.1 | 54 |
| 135 | Low temperature magnetic measurements of NENP. Journal of Low Temperature Physics, 1992, 89, 547-550. | 0.6 | 12 |
| 136 | Nucleation and growth in the coexistence region. Physica A: Statistical Mechanics and Its Applications, 1991, 177, 301-310. | 1.2 | 5 |
| 137 | Observation of speckle by diffraction with coherent X-rays. Nature, 1991, 352, 608-610. | 13.7 | 371 |
| 138 | Exact solution for the inelastic neutron scattering from an anisotropic honeycomb Ising magnet. Journal of Physics Condensed Matter, 1991, 3, 3959-3971. | 0.7 | 3 |
| 139 | Spin dynamics in the quantum antiferromagnetic chain compound KCuF_3 . Physical Review B, 1991, 44, 12361-12368. | 1.1 | 113 |
| 140 | Low temperature x-ray study of UPd_3 . Solid State Communications, 1990, 74, 439-442. | 0.9 | 9 |
| 141 | Small-angle x-ray-scattering study of ordering kinetics in a block copolymer. Physical Review Letters, 1990, 64, 2285-2288. | 2.9 | 78 |
| 142 | Observation of a metastable state in monolayers of carbon tetrafluoride on graphite. Physical Review B, 1989, 39, 2826-2829. | 1.1 | 5 |
| 143 | Time-Resolved X-Ray Scattering Study of Ordering and Coarsening in Cu_3Au . Physical Review Letters, 1988, 61, 718-721. | 2.9 | 91 |
| 144 | Effect of extra Cu on ordering kinetics in thin films of Cu_3Au . Physical Review B, 1988, 38, 9327-9330. | 1.1 | 27 |

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| 145 | Phase diagram and phase transitions of Krypton on graphite in the extended monolayer regime. European Physical Journal B, 1987, 69, 347-377. | 0.6 | 101 |
| 146 | Orientalational order in xenon fluid monolayers on single crystals of exfoliated graphite. Physical Review B, 1985, 32, 7373-7383. | 1.1 | 80 |
| 147 | Static and dynamic spin correlations in the random one-dimensional antiferromagnetic CsCoxMg1-xCl3. Journal of Physics C: Solid State Physics, 1984, 17, 4819-4835. | 1.5 | 20 |
| 148 | A new adsorption substrate: Single crystal exfoliated graphite. Journal of Applied Physics, 1984, 55, 1231-1233. | 1.1 | 6 |
| 149 | Short-range ordering and freezing in a randomly mixed ferroelectric-antiferroelectric crystal. Physical Review B, 1984, 29, 515-518. | 1.1 | 87 |
| 150 | Rotational Transition of Incommensurate Kr Monolayers on Graphite. Physical Review Letters, 1984, 53, 2250-2253. | 2.9 | 74 |
| 151 | Soliton dynamics in quantum Ising-like antiferromagnetic chains (invited). Journal of Applied Physics, 1984, 55, 1856-1859. | 1.1 | 4 |
| 152 | Experimental Observation of Continuous Melting into a Hexatic Phase. Physical Review Letters, 1983, 50, 1791-1794. | 2.9 | 74 |
| 153 | Ising-like spin- $\hat{A}^{1/2}$ quasi-one-dimensional antiferromagnets: Spin-wave response in CsCoX3salts. Physical Review B, 1983, 27, 1784-1799. | 1.1 | 85 |
| 154 | Solitons in the one-dimensional antiferromagnet CsCoBr3. Physical Review B, 1983, 28, 3873-3885. | 1.1 | 64 |
| 155 | Propagating Domain Walls in CsCoBr3. Physical Review Letters, 1982, 49, 590-592. | 2.9 | 54 |
| 156 | Transverse spin dynamics in CsCoCl3. Journal of Applied Physics, 1981, 52, 1971-1973. | 1.1 | 10 |
| 157 | Spin-wave response in the one dimensional anisotropic antiferromagnet CsCoCl3. Solid State Communications, 1980, 33, 857-860. | 0.9 | 26 |
| 158 | Improved laser frequencies and Dunham coefficients for isotopically substituted carbon monoxide. Canadian Journal of Physics, 1979, 57, 677-686. | 0.4 | 93 |