

Zaher Salman

List of Publications by Year in descending order

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190
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times ranked

4857
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Precision Measurement of the Lamb Shift in Muonium. Physical Review Letters, 2022, 128, 011802. | 2.9 | 16 |
| 2 | Simulation studies for upgrading a high-intensity surface muon beamline at Paul Scherrer Institute. Physical Review Accelerators and Beams, 2022, 25, . | 0.6 | 3 |
| 3 | Strain tuning of interorbital correlations in LaVO_3 thin films. Physical Review B, 2021, 103, . | | |
| 4 | Magnetic order of tetragonal CuO ultrathin films. Physical Review B, 2021, 103, . | 1.1 | 2 |
| 5 | Superconductivity in Ti ₆₇ Zr ₁₉ Nb _{11.5} Sn _{2.5} shape memory alloy. Physical Review Materials, 2021, 5, . | 0.9 | 0 |
| 6 | Unveiling unconventional magnetism at the surface of Sr ₂ RuO ₄ . Nature Communications, 2021, 12, 5792. | 5.8 | 11 |
| 7 | Unconventional Meissner screening induced by chiral molecules in a conventional superconductor. Physical Review Materials, 2021, 5, . | 0.9 | 11 |
| 8 | Magnetic structure determination of high-moment rare-earth-based laminates. Physical Review B, 2021, 104, . | 1.1 | 4 |
| 9 | Direct Observation of Hole Carrier-Density Profiles and Their Light-Induced Manipulation at the Surface of Ge . Physical Review Applied, 2020, 14, . | 1.5 | 6 |
| 10 | Kubo spins in nanoscale aluminum grains: A muon spin relaxation study. Physical Review B, 2020, 101, . | 1.1 | 3 |
| 11 | Proximity-Induced Odd-Frequency Superconductivity in a Topological Insulator. Physical Review Letters, 2020, 125, 026802. | 2.9 | 34 |
| 12 | Muon implantation experiments in films: Obtaining depth-resolved information. Review of Scientific Instruments, 2020, 91, 023906. | 0.6 | 13 |
| 13 | Observation of a Charge-Neutral Muon-Polaron Complex in Antiferromagnetic CrO_3 . Physical Review Letters, 2020, 125, 026802. | 2.9 | 34 |
| 14 | Strong-to-weak-coupling superconductivity in high- T_c bismuthates: Revisiting the phase diagram via $\text{Sr}_{1-x}\text{Bi}_x\text{O}_3$. Physical Review B, 2020, 101, . | 1.1 | 4 |
| 15 | CdS versus ZnSnO buffer layers for a CIGS solar cell: a depth-resolved analysis using the muon probe. EPJ Web of Conferences, 2020, 233, 05004. | 0.1 | 7 |
| 16 | Intense beam of metastable Muonium. European Physical Journal C, 2020, 80, 804. | 1.4 | 9 |
| 17 | k-resolved electronic structure of buried heterostructure and impurity systems by soft-X-ray ARPES. Journal of Electron Spectroscopy and Related Phenomena, 2019, 236, 1-8. | 0.8 | 24 |
| 18 | NMR and $\mu_0\text{SR}$ detection of unconventional spin dynamics in Er(trensall) and Dy(trensall) molecular magnets. Physical Review B, 2019, 100, . | 1.1 | 2 |

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| 19 | Phase transition in the cuprates from a magnetic-field-free stiffness meter viewpoint. Nature Communications, 2019, 10, 2463. | 5.8 | 9 |
| 20 | Critical fields of Nb ₃ Sn prepared for superconducting cavities. Superconductor Science and Technology, 2019, 32, 075004. | 1.8 | 16 |
| 21 | Do topology and ferromagnetism cooperate at the EuS/MnS_2 interface?. Physical Review B, 2019, 99, . | 1.1 | 1 |
| 22 | Intertwined magnetic, structural, and electronic transitions in V2O3. Physical Review B, 2019, 100, . | 1.1 | 14 |
| 23 | Search for the Magnetic Monopole at a Magnetoelectric Surface. Physical Review X, 2019, 9, . | 2.8 | 15 |
| 24 | Quasistatic antiferromagnetism in the quantum wells of SmTiO3/SrTiO3 heterostructures. Npj Quantum Materials, 2018, 3, . | 1.8 | 8 |
| 25 | LE-(μ^+)SR Study of Superconductivity in the Thin Film Battery Material LiTi2O4. , 2018, , . | | 1 |
| 26 | Superconductivity drives magnetism in $\hat{\Gamma}$ -doped LaMnO_2 . Physical Review B, 2018, 97, . | 1.1 | 18 |
| 27 | Unexpected effects of thickness and strain on superconductivity and magnetism in optimally doped LaMnO_2 thin films. Physical Review B, 2018, 97, . | 1.1 | 6 |
| 28 | Comparison of 8Li and 9Li Spin Relaxation in SrTiO3 and Pt: A Means to Distinguish Magnetic and Electric Quadrupolar Sources of Relaxation. , 2018, , . | | 1 |
| 29 | Beta Detected NMR of LaAlO3. , 2018, , . | | 4 |
| 30 | Search for d -Magnetism in Amorphous Bi_2Se_3 ($M = \text{Bi}$) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 | | |
| 31 | Investigation of Hydrogen-Like Muonium States in Nb-Doped SnO ₂ Films. , 2018, , . | | 1 |
| 32 | Superconducting Properties of Cu Intercalated Bi ₂ Se ₃ Studied by Muon Spin Spectroscopy. , 2018, , . | | 7 |
| 33 | Effect of nickel substitution on magnetism in the layered van der Waals ferromagnet Fe_3S_2 . Physical Review B, 2018, 98, . | | |
| 34 | The Spin Relaxation of 8Li+ in Gold at Low Magnetic Field. , 2018, , . | | 4 |
| 35 | Microscopic effects of Dy doping in the topological insulator Bi_2Te_3 . Physical Review B, 2018, 97, . | | |
| 36 | Collective magnetism in an artificial 2D XY spin system. Nature Communications, 2018, 9, 2850. | 5.8 | 37 |

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| 37 | Direct evidence of superconductivity and determination of the superfluid density in buried ultrathin FeSe grown on SrTiO_3 . Physical Review B, 2018, 97, . | 1.1 | 14 |
| 38 | Isotope effects on the spin dynamics of single-molecule magnets probed using muon spin spectroscopy. Chemical Communications, 2018, 54, 7826-7829. | 2.2 | 15 |
| 39 | Slow-muon study of quaternary solar-cell materials: Single layers and p-n junctions. Physical Review Materials, 2018, 2, . | 0.9 | 2 |
| 40 | Strain-induced competition between ferromagnetism and emergent antiferromagnetism in (Eu,Sr) MnO_3 . Physical Review Materials, 2018, 2, . | 0.9 | 2 |
| 41 | Li-Diffusion in Spinel $\text{Li}[\text{Ni}_{1/2}\text{Mn}_{3/2}]\text{O}_4$ Powder and Film Studied with μSR . , 2018, . | | 0 |
| 42 | Probing current-induced magnetic fields in Au YIG heterostructures with low-energy muon spin spectroscopy. Applied Physics Letters, 2017, 110, 062409. | 1.5 | 1 |
| 43 | A segmented conical electric lens for optimization of the beam spot of the low-energy muon facility at PSI: a Geant4 simulation analysis. Nuclear Science and Techniques/Hewuli, 2017, 28, 1. | 1.3 | 7 |
| 44 | Room-temperature helimagnetism in FeGe thin films. Scientific Reports, 2017, 7, 123. | 1.6 | 44 |
| 45 | Suppression of magnetic excitations near the surface of the topological Kondo insulator SmB_6 . Physical Review B, 2017, 95, . | 1.1 | 32 |
| 46 | Spectroscopic perspective on the interplay between electronic and magnetic properties of magnetically doped topological insulators. Physical Review B, 2017, 96, . | 1.1 | 32 |
| 47 | Lithium diffusion in spinel Li_4O_{12} and LiTi_2O_4 . Physical Review B, 2017, 96, . | 1.1 | 19 |
| 48 | Intrinsic and spatially nonuniform ferromagnetism in Co-doped ZnO films. Physical Review B, 2017, 96, . | 1.1 | 25 |
| 49 | Determination of the nature of fluctuations using Li_8Li and Li_9Li . Physical Review B, 2017, 96, . | 1.1 | 4 |
| 50 | A low energy muon spin rotation and point contact tunneling study of niobium films prepared for superconducting cavities. Superconductor Science and Technology, 2017, 30, 125013. | 1.8 | 5 |
| 51 | Microscopic Dynamics of Li^+ in Rutile TiO_2 Revealed by ^7Li -Detected Nuclear Magnetic Resonance. Chemistry of Materials, 2017, 29, 10187-10197. | 3.2 | 13 |
| 52 | Gapless excitations in the ground state of LiTiO_2 . Physical Review B, 2017, 96, . | 1.1 | 4 |
| 53 | Complexity in the structural and magnetic properties of almost multiferroic EuTiO_3 . Physical Review B, 2016, 94, . | 1.1 | 9 |
| 54 | Iridates from the molecular side. Nature Communications, 2016, 7, 12195. | 5.8 | 41 |

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| 55 | Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. ACS Nano, 2016, 10, 5663-5669. | 7.3 | 46 |
| 56 | Spatial confinement of muonium atoms. Physical Review A, 2016, 94, . | 1.0 | 9 |
| 57 | Coexisting multiple order parameters in single-layer LuMnO_3 films. Physical Review B, 2016, 94, . | 1.1 | 6 |
| 58 | Intrinsic Ferromagnetism in the Diluted Magnetic Semiconductor CoTiO_3 . Physical Review Letters, 2016, 117, 227202. | 2.9 | 63 |
| 59 | Transverse field muon-spin rotation measurement of the topological anomaly in a thin film of MnSi. Physical Review B, 2016, 93, . | 1.1 | 12 |
| 60 | Spin-polarized quantum well states on $\text{Bi}_{1-x}\text{Mn}_x$. Physical Review B, 2015, 91, . | 1.1 | 12 |
| 61 | Spin fluctuations in the exotic metallic state of Sr_2RuO_4 studied with ^2T -NMR. Physical Review B, 2015, 91, . | 1.1 | 8 |
| 62 | Core-shell nanostructure in a $\text{Ge}_{1-x}\text{Mn}_x$ observed via structural and magnetic measurements. Physical Review B, 2015, 91, . | 1.1 | 12 |
| 63 | Li-ion diffusion in $\text{Li}_{1-x}\text{Mn}_x\text{O}_4$ and $\text{Li}_{1-x}\text{Ti}_x\text{O}_4$. Physical Review B, 2015, 92, . | 1.1 | 55 |
| 64 | ^2T -detected NMR spin relaxation in a thin film heterostructure of ferromagnetic EuO. Physical Review B, 2015, 92, . | 1.1 | 8 |
| 65 | Geant4 simulation of the PSI LEM beam line: energy loss and muonium formation in thin foils and the impact of unmoderated muons on the ^3He SR spectrometer. Journal of Instrumentation, 2015, 10, P10025-P10025. | 0.5 | 11 |
| 66 | Interfacial dominated ferromagnetism in nanograined ZnO: a ^3He SR and DFT study. Scientific Reports, 2015, 5, 8871. | 1.6 | 97 |
| 67 | Magnetic Characterization of $\text{Tm}_{12}\text{Co}_5\text{Bi}$ Using ^3He SR. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2597-2603. | 0.8 | 3 |
| 68 | Low-energy ^3He SR Study on the Tetradymite Topological Insulator $\text{Bi}_{1.5}\text{Sb}_{0.5}\text{TeSe}_2$. Physics Procedia, 2015, 75, 100-105. | 1.2 | 0 |
| 69 | Intrinsic Paramagnetic Meissner Effect Due to s -Wave Odd-Frequency Superconductivity. Physical Review X, 2015, 5, . | 2.8 | 86 |
| 70 | Mott transition in granular aluminum. Physical Review B, 2015, 91, . | 1.1 | 19 |
| 71 | The phase diagram of electron-doped $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$. Nature Communications, 2015, 6, 6041. | 5.8 | 49 |
| 72 | Elevated Curie temperature and half-metallicity in the ferromagnetic semiconductor $\text{LaEu}_{1-x}\text{O}$. Physical Review B, 2015, 92, . | 1.1 | 5 |

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| 73 | Muonium states in $\text{Cu}_2\text{ZnSnS}_4$ solar cell material. Journal of Physics: Conference Series, 2014, 551, 012045. | 0.3 | 8 |
| 74 | Modifications of the Meissner screening profile in $\text{YBaCu}_2\text{O}_{7-x}$. Physical Review B, 2014, 90, . | 1.1 | 8 |
| 75 | Relation between cuprate superconductivity and magnetism: A Raman study of $(\text{CaLa})_1(\text{BaLa})_2\text{Cu}_3\text{O}_y$. Physical Review B, 2014, 90, . | 1.1 | 9 |
| 76 | Direct Spectroscopic Observation of a Shallow Hydrogenlike Donor State in Insulating SrTiO_3 . Physical Review Letters, 2014, 113, 156801. | 2.9 | 23 |
| 77 | Strong Meissner screening change in superconducting radio frequency cavities due to mild baking. Applied Physics Letters, 2014, 104, . | 1.5 | 33 |
| 78 | Low-temperature magnetic fluctuations in the Kondo insulator SmB_6 . Physical Review B, 2014, 89, . | 1.1 | 27 |
| 79 | Polymer dynamics near the surface and in the bulk of poly(tetrafluoroethylene) probed by zero-field muon-spin-relaxation spectroscopy. Physical Review E, 2014, 89, 022605. | 0.8 | 4 |
| 80 | Tuning the spin dynamics of single molecule magnets via dipolar interactions. Journal of Physics: Conference Series, 2014, 551, 012055. | 0.3 | 8 |
| 81 | ^7Li -NMR in the Cubic Insulator MgO . Journal of Physics: Conference Series, 2014, 551, 012033. | 0.3 | 11 |
| 82 | ^7Li -detected nuclear quadrupole resonance and relaxation of ^8Li in sapphire. Journal of Physics: Conference Series, 2014, 551, 012034. | 0.3 | 5 |
| 83 | ^8Li -NMR study of epitaxial Li_xCoO_2 films. Journal of Physics: Conference Series, 2014, 551, 012009. | 0.3 | 1 |
| 84 | Controlling the near-surface superfluid density in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ by photo-illumination. Scientific Reports, 2014, 4, 6250. | 1.6 | 11 |
| 85 | Low-Energy Muons at PSI: Examples of Investigations of Superconducting Properties in Near-Surface Regions and Heterostructures. , 2014, , . | | 1 |
| 86 | Study of the structural, electric and magnetic properties of Mn-doped Bi_2Te_3 single crystals. New Journal of Physics, 2013, 15, 103016. | 1.2 | 80 |
| 87 | Surface and bulk electronic structure of the strongly correlated system SmB_6 and implications for a topological Kondo insulator. Physical Review B, 2013, 88, . | 1.1 | 179 |
| 88 | Photo-induced persistent inversion of germanium in a 200-nm-deep surface region. Scientific Reports, 2013, 3, 2569. | 1.6 | 16 |
| 89 | Evolution of the Fermi surface of a doped topological insulator with carrier concentration. Physical Review B, 2013, 88, . | 1.1 | 92 |
| 90 | Absence of spontaneous magnetism associated with a possible time-reversal symmetry breaking state beneath the surface of (110)-oriented $\text{YBa}_2\text{Cu}_3\text{O}_7$ superconducting films. Physical Review B, 2013, 88, . | 1.1 | 13 |

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| 91 | Spatially Homogeneous Ferromagnetism below the Enhanced Curie Temperature in EuO Thin Films. Physical Review Letters, 2013, 110, 217208. | 2.9 | 17 |
| 92 | Muon diffusion and electronic magnetism in YTiO_2 . Physical Review Letters, 2012, 109, 017203. | 1.1 | 6 |
| 93 | Muon penetration depth in $\text{Ba}(\text{Co}_{1-x}\text{Fe}_x)\text{TiO}_3$. Physical Review Letters, 2012, 109, 017203. | 1.1 | 21 |
| 94 | Detection and decoherence of level-crossing resonances of Li in Cu . Physical Review B, 2012, 85, 110401. | 1.1 | 6 |
| 95 | Bi Knight Shift in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review Letters, 2012, 109, 017203. | 1.1 | 90 |
| 96 | ^2Li -NMR study of isolated Li in Cu . Physical Review Letters, 2012, 109, 017203. | 1.1 | 8 |
| 97 | Nanoscale Layering of Antiferromagnetic and Superconducting Phases in Fe_{2-x}Te . Physical Review Letters, 2012, 109, 017003. | 2.9 | 73 |
| 98 | Nature of Weak Magnetism in SrTiO_3 . Physical Review Letters, 2012, 109, 257207. | 0.9 | 66 |
| 99 | Direct observation of a ferri-to-ferromagnetic transition in a fluoride-bridged $3d-4f$ molecular cluster. Chemical Science, 2012, 3, 1024-1032. | 3.7 | 78 |
| 100 | New Perspectives for Cuprate Research: $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$ Single Crystals. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2331-2335. | 0.8 | 9 |
| 101 | Absolute Value and Anisotropy of the Magnetic Penetration Depth in $\text{YBa}_2\text{Cu}_3\text{O}_{6.92}$. Physics Procedia, 2012, 30, 235-240. | 1.2 | 1 |
| 102 | Muonium Emission into Vacuum from Mesoporous Thin Films at Cryogenic Temperatures. Physical Review Letters, 2012, 108, 143401. | 2.9 | 37 |
| 103 | Observing Cross-Relaxation with Depth-Resolved ^7Li -NMR. Physics Procedia, 2012, 30, 16-19. | 1.2 | 0 |
| 104 | Use of the Strong Collision Model to Calculate Spin Relaxation. Physics Procedia, 2012, 30, 38-41. | 1.2 | 0 |
| 105 | Design and Simulation of a Spin Rotator for Longitudinal Field Measurements in the Low Energy Muons Spectrometer. Physics Procedia, 2012, 30, 55-60. | 1.2 | 14 |
| 106 | Depth-dependent Spin Dynamics in TbMnO_3 Thin Films Measured by Low Energy Muon Spin Relaxation. Physics Procedia, 2012, 30, 137-141. | 1.2 | 5 |
| 107 | ^7Li Knight Shift and Resonance in the Enhanced Paramagnet Platinum Studied by ^2Li -NMR. Physics Procedia, 2012, 30, 156-159. | 1.2 | 2 |
| 108 | Zero-field Spin Depolarization of Low-Energy Muons in Ferromagnetic Nickel and Silver Metal. Physics Procedia, 2012, 30, 164-167. | 1.2 | 15 |

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| 109 | Proximal Magnetometry of Monolayers of Magnetic Moments. Physics Procedia, 2012, 30, 168-173. | 1.2 | 4 |
| 110 | \hat{I}^2 -Detected NMR Search for Magnetic Phase Separation in Epitaxial GaAs:Mn. Physics Procedia, 2012, 30, 174-177. | 1.2 | 0 |
| 111 | Low-energy \hat{I}^2 SR Investigations of Photo-induced Effects on a nm Scale. Physics Procedia, 2012, 30, 219-223. | 1.2 | 3 |
| 112 | Depth-Dependent Spin Dynamics in Thin Films of TbPc ₂ Nanomagnets Explored by Low-Energy Implanted Muons. ACS Nano, 2012, 6, 8390-8396. | 7.3 | 38 |
| 113 | The development of pure \hat{I}^2 -NQR techniques for measurements of nuclear ground state quadrupole moments in lithium isotopes. Journal of Physics: Conference Series, 2011, 312, 092063. | 0.3 | 3 |
| 114 | Dimensionality Control of Electronic Phase Transitions in Nickel-Oxide Superlattices. Science, 2011, 332, 937-940. | 6.0 | 331 |
| 115 | Design and commissioning of a high magnetic field muon spin relaxation spectrometer at the ISIS pulsed neutron and muon source. Review of Scientific Instruments, 2011, 82, 073904. | 0.6 | 28 |
| 116 | Depth dependence of the structural phase transition of SrTiO ₃ studied with \hat{I}^2 -detected NMR and grazing incidence \hat{I}^2 -detected NMR of Li in GaMnO ₃ . Physical Review B, 2011, 84, 114407. | 1.1 | 19 |
| 117 | \hat{I}^2 -detected NMR of Li in GaMnO ₃ and grazing incidence \hat{I}^2 -detected NMR of Li in GaMnO ₃ . Physical Review B, 2011, 84, 114407. | 1.1 | 13 |
| 118 | Search for broken time-reversal symmetry near the surface of superconducting YBa ₂ Cu ₃ O _{7-δ} films using \hat{I}^2 -detected nuclear magnetic resonance. Physical Review B, 2011, 83, . | 1.1 | 19 |
| 119 | \hat{I}^2 -detected NMR of Li in GaMnO ₃ . Physical Review B, 2011, 84, 114407. | | |

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| 127 | Vortex lattice disorder in $YBaCu_2$. Physical Review B, 2009, 80, . | 1.1 | 3 |
| 128 | Spin lattice relaxation of 8Li in a ferromagnetic EuO epitaxial thin film. Physica B: Condensed Matter, 2009, 404, 619-621. | 1.3 | 3 |
| 129 | Local magnetism in , an anomalous member of the series. Physica B: Condensed Matter, 2009, 404, 615-618. | 1.3 | 3 |
| 130 | Surface dependent structural phase transition in SrTiO ₃ observed with spin relaxation of 8Li . Physica B: Condensed Matter, 2009, 404, 924-926. | 1.3 | 5 |
| 131 | Hyperfine fields in thin Pd films by beta-detected NMR. Physica B: Condensed Matter, 2009, 404, 917-919. | 1.3 | 1 |
| 132 | Cross-relaxation of 8Li in copper. Physica B: Condensed Matter, 2009, 404, 910-913. | 1.3 | 0 |
| 133 | 8Li -NMR of a thin Pt film. Physica B: Condensed Matter, 2009, 404, 906-909. | 1.3 | 3 |
| 134 | Beta-detected NMR study of the local magnetic field in epitaxial GaAs:Mn. Physica B: Condensed Matter, 2009, 404, 892-895. | 1.3 | 4 |
| 135 | The spin lattice relaxation of 8Li in simple metals. Physica B: Condensed Matter, 2009, 404, 914-916. | 1.3 | 18 |
| 136 | Can the dynamics and reactivity of and in heavily doped n-type and p-type silicon be studied?. Physica B: Condensed Matter, 2009, 404, 831-833. | 1.3 | 3 |
| 137 | 8Li -NMR investigation of the vortex lattice near the interface of silver and thin films. Physica B: Condensed Matter, 2009, 404, 727-729. | 1.3 | 0 |
| 138 | Search for time-reversal symmetry breaking order at the (110) interface of using. Physica B: Condensed Matter, 2009, 404, 724-726. | 1.3 | 0 |
| 139 | 8Li -NMR A new high field muon spectrometer at ISIS. Physica B: Condensed Matter, 2009, 404, 978-981. | 1.3 | 6 |
| 140 | Vortex lattice disorder in studied with 8Li -NMR. Physica B: Condensed Matter, 2009, 404, 730-733. | 1.3 | 3 |
| 141 | Nuclear spin relaxation/resonance of 8Li in Al. Physica B: Condensed Matter, 2009, 404, 920-923. | 1.3 | 3 |
| 142 | Effects of correlated disorder on the magneto-transport in colossal magnetoresistance manganites. Physica Status Solidi - Rapid Research Letters, 2009, 3, 94-96. | 1.2 | 0 |
| 143 | Local magnetic susceptibility of the muon in the molecular nano-magnet. Physica B: Condensed Matter, 2009, 404, 626-629. | 1.3 | 2 |
| 144 | Enhancement of the magnetotransport and magnetoresistive anisotropy in Sm _{0.55} Sr _{0.45} MnO ₃ /Nd _{0.55} Sr _{0.45} MnO ₃ bilayers. Applied Physics Letters, 2009, 95, 112505. | 1.5 | 21 |

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| 145 | Proximal magnetometry in thin films using NMR. Journal of Magnetic Resonance, 2008, 191, 47-55. | 1.2 | 28 |
| 146 | Softening of the first-order magnetic phase transition and magnetotransport properties of Sm _{0.55} Sr _{0.45} MnO ₃ manganite. Journal of Applied Physics, 2008, 104, 093915. | 1.1 | 9 |
| 147 | Metal-insulator transition, specific heat, and grain-boundary-induced disorder in Sm _{0.55} Sr _{0.45} MnO ₃ . Applied Physics Letters, 2008, 92, . | 1.5 | 48 |
| 148 | High resolution ⁷ Li-NMR study of ⁷ Li implanted in gold. Physical Review B, 2008, 77, . | 1.1 | 34 |
| 149 | Persistent spin dynamics in the $S=1$ nanomagnet. Physical Review B, 2008, 77, . | 1.1 | 14 |
| 150 | Hyperfine fields in an Ag/Fe multilayer film investigated with ⁷ Li-detected NMR. Physical Review B, 2008, 77, . | 1.1 | 13 |
| 151 | Dynamics and Reactivity of Positively Charged Muonium in Heavily Doped Si:B and Comparisons with Hydrogen. Physical Review Letters, 2008, 100, 257602. | 2.9 | 12 |
| 152 | Magnetic-Field Effects on the Size of Vortices below the Surface of NbSe ₂ Detected Using Low Energy ⁷ Li-NMR. Physical Review Letters, 2007, 98, 167001. | 2.9 | 35 |
| 153 | ⁷ Li-NMR of Isolated Lithium in Nearly Ferromagnetic Palladium. Physical Review Letters, 2007, 98, 047601. | 2.9 | 30 |
| 154 | Intrinsic magnetic order in Cs ₂ AgF ₄ detected by muon-spin relaxation. Physical Review B, 2007, 75, . | 1.1 | 22 |
| 155 | ⁷ Li-NMR of isolated ⁷ Li implanted into a thin copper film. Physical Review B, 2007, 75, . | 1.1 | 31 |
| 156 | Quench-disorder-controlled magnetoresistance in Sm _{0.55} Sr _{0.45} MnO ₃ . Applied Physics Letters, 2007, 90, 162508. | 1.5 | 37 |
| 157 | Local Magnetic Properties of a Monolayer of Mn ²⁺ Single Molecule Magnets. Nano Letters, 2007, 7, 1551-1555. | 4.5 | 68 |
| 158 | Magnetic field effects on particle trajectories in the muon-spin relaxation experiment: Towards a high-field spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 1578-1587. | 0.7 | 8 |
| 159 | ⁷ Li in GaAs studied with ⁷ Li-NMR. Physica B: Condensed Matter, 2007, 401-402, 254-257. | 1.3 | 3 |
| 160 | Stability and diffusivity of positively charged muonium in Si. Physica B: Condensed Matter, 2007, 401-402, 621-623. | 1.3 | 1 |
| 161 | Development of the ⁷ Li cross-relaxation technique: Applications in semiconductors and other condensed matter systems. Physica B: Condensed Matter, 2007, 401-402, 662-665. | 1.3 | 6 |
| 162 | Nuclear spin relaxation of ⁷ Li in a thin film of La _{0.67} Ca _{0.33} MnO ₃ . Physica B: Condensed Matter, 2006, 374-375, 30-33. | 1.3 | 11 |

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| 163 | A study of the magnetism in Prussian Blue analogue photomagnets. Physica B: Condensed Matter, 2006, 374-375, 130-133. | 1.3 | 1 |
| 164 | -detected NMR of ^8Li in the normal state of 2H . Physica B: Condensed Matter, 2006, 374-375, 239-242. | 1.3 | 8 |
| 165 | Study of muonium precession signals in optically excited silicon. Physica B: Condensed Matter, 2006, 374-375, 412-414. | 1.3 | 3 |
| 166 | -nmr of Palladium foil. Physica B: Condensed Matter, 2006, 374-375, 419-422. | 1.3 | 4 |
| 167 | A SR study of the unusual magnetism of. Physica B: Condensed Matter, 2006, 374-375, 71-74. | 1.3 | 6 |
| 168 | Hyperfine fields in a Ag/Fe magnetic multilayer probed with low energy spin polarized Li. Physica B: Condensed Matter, 2006, 374-375, 79-82. | 1.3 | 8 |
| 169 | Beta-detected NQR in zero field with a low energy beam of ^8Li . Physica B: Condensed Matter, 2006, 374-375, 468-471. | 1.3 | 9 |
| 170 | Coexistence of antiferromagnetism and superconductivity in single crystal underdoped. Physica B: Condensed Matter, 2006, 374-375, 215-217. | 1.3 | 3 |
| 171 | Early -NMR investigations in GaAs and Ge. Physica B: Condensed Matter, 2006, 374-375, 415-418. | 1.3 | 8 |
| 172 | Near-Surface Structural Phase Transition of SrTiO_3 Studied with Zero-Field ^2H -Detected Nuclear Spin Relaxation and Resonance. Physical Review Letters, 2006, 96, 147601. | 2.9 | 79 |
| 173 | Muon spin relaxation study of the magnetism in unilluminated Prussian Blue analogue photomagnets. Physical Review B, 2006, 73, . | 1.1 | 15 |
| 174 | Magnetism in purple bronze. Physica B: Condensed Matter, 2005, 359-361, 1333-1335. | 1.3 | 13 |
| 175 | Nature of charged muonium in GaAs with an applied electric field. Physical Review B, 2005, 72, . | 1.1 | 20 |
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