RESEARCH REPORTS BY CATEGORY

APPENDIX A

Biology

Dynamic Modulation of Regulatory Domain of Myosin Heads by pH, Ionic Strength and RLC Phosphorylation in Synthetic Myosin Filaments 11

Dynamics of Regulatory Light Chain of Myosin 11

EPR on Biological Samples Beyond the Limits of Superconducting Magnets—The Primary Donor Radical Cation in *Rhodobacter sphaeroides* R26 at 330 and 670 GHz 12

High Field EPR on the Deuterated Chlorophyll *a* Radical Cation 13

High Field EPR Spectroscopy of the Cation Radical Primary Electron Donors of *Chlorobium limicola* and *Heliobacillus mobilus* 14

High Field EPR Studies of the Secondary Acceptors in Photosystem II, Q_A and Q_B 16

The Primary Electron Donor Radical Cation from *Rhodopseudomonas viridis* Observed with EPR at 330 and 670 GHz 18

Chlorosomes Structure Investigated by High Field EPR 19

Human Hemoglobin in High Magnetic Field 20

A PCR-Based Method for Uniform $^{13}C/^{15}N$ Labeling of Long DNA Oligomers 21

Structure-Function Studies of Neuropeptides 21

The M2 Proton Channel from Influenza A Virus: Toward a Structural Characterization 22

Conformational Study of Adenosine Nucleotides Bound to *E. Coli.* Adenylate Kinase and Yeast 3-Phosphoglyerate Kinase by NMR Spectroscopy 24

Analysis of Transdermal Drug Delivery via Electroporation and Iontophoresis Using Pulsed Field Gradient Nuclear Magnetic Resonance 25

^{19}F NMR Studies of 5-F Tryptophan Labeled Human Soluble Tissue Factor 26

Studies of Apolipoprotein C-II Structure 26

Application of Micro-Electrospray Liquid Chromatographic Techniques to FT-ICR MS to Enable High-Sensitivity Biological Analysis 27

Conformational and Dynamic Changes of *Yersinia* Protein Tyrosine Phosphatase Induced by Ligand Binding and Active Site Mutation, and Revealed by H/D Exchange and Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry 28

Gas Phase RNA and DNA Ions. H/D Exchange of the $[M - H]^-$ Anions of Nucleoside 5'-Monophosphates (GMP, dGMP, AMP, dAMP, CMP, dCMP, UMP, dTMP), Ribose-5-Monophosphate (R5P), and 2-Deoxyribose-5 Monophosphate (dR5P) with D_2O and D_2S 29

High Field FT-ICR Mass Spectrometry for Simultaneous Trapping and Gas Phase Hydrogen/Deuterium Exchange of Peptide Ions 30

World's Highest-Resolution Mass Spectrometer Can Count the Number of Sulfur Atoms in a Protein 30

Transgenic Arabidopsis Plants as Monitors of Low Gravity and Magnetic Field Effects 31

Dynamics of Phosphorous Metabolites in Striated Muscle 32

Spliceosomal RNA-RNA Interactions: Structural Characteristics of the Eukaryotic U2snRNA-Intron Branch Site Pairing 33

Distance Changes Within the Myosin Head in Pre- and Post-Power Stroke States 34

Prediction of Spin Label Orientation in the Crystal Structure of Proteins 34

Compact EPR Resonator for Perpendicular and Parallel Orientation of Longitudinal Aqueous Samples 35

Cation Transport - Structural Based Selectivity and Efficiency 35

Expression and Assignment of the ^1H, ^{15}N, and ^{13}C Resonances of the C-Terminal Domain of the Diphtheria Toxin Repressor 36

Chemistry

Invoking Polymer Order: High Magnetic Field Orientation of Liquid Crystalline Thermosets 37
Laser-Polarized Xenon-129 NAMR and BET Isotherm Analysis of Xe Absorption on Lyophilized Proteins 38
Phase Transitions, Molecular Packing, and Dynamical Modes in Reentrant Nematic Liquid Crystals: A Xenon-129 NMR Investigation 39
A High Field EPR Study of Canthaxanthin Radical Cations Stabilized on Silica-Alumina Surfaces 40
Conformations of Peptide Fragments from the FK506 Binding Protein: Comparison to the Native and Urea-Unfolded States 41
Modulating Dipoles for Structure–Function Correlations in the Gramicidin A Channel 42
Multifrequency EPR of Ultramarine Blue 43
Analysis of Combinatorial Libraries Using Electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry 44
Inductively-Coupled Plasma Mass Spectrometry with Ultra-High Mass Resolving Power 44
Infrared Multiple Photon Dissociation of Small Peptides 45
Study of Motional Dynamics in Complex Fluids by Very High Field, Very High Frequency EPR (VHF-EPR) 45
High Frequency and Field EPR of Ferrous Iron in Reduced Rubredoxin Model Compound $Fe(SPh)_4(Ph_4P)_2$ 46
High Frequency and Field EPR Spectroscopy of Resonance Delocalized $[Fe_2(OH)_3(tmtacn)_2]^{2+}$ 47
EPR from "EPR-Silent" Species: High Frequency and Field EPR Spectroscopy of Manganese(III) in Porphyrinic Complexes 48
Identification, Composition, and Asymmetric Formation Mechanism of Glycidyl Methacrylate/Butyl Methacrylate Copolymers up to 7,000 Da from Electrospray Ionization Ultrahigh Resolution Fourier Transform Ion Cyclotron Resonance Mass Spectrometry 49
Resolution, Elemental Composition, and Simultaneous Monitoring by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry of Organosulfur Species Before and After Diesel Fuel Processing 50
The Discrete Frenet Frame and Coiled Coil Proteins 51
HF-EPR of Irradiated 10-Nondecanone in Perhydrotriphenylene Inclusion Compound 52
Influence of Magnetic Field in Electrodeposition Reactions 54
Kinetics of Formation of Xenon Hydrate Clathrate: Hyperpolarized Xenon-129 NMR Studies 54
EPR from "EPR-Silent" Species: High Frequency and Field EPR Spectroscopy of Aqueous Chromium(II) 55
Water: A "Foldase" That Catalyzes Hydrogen Bond Exchange in Polypeptide Conformational Rearrangements 56

Geochemistry

Sr, Nd, and Hf Isotope Compositions in Kimberlites and Carbonatites from South Africa: Constraints on Upper Mantle Metasomatism 58
Vegetation Succession in a Coastal Wetland in Northwest Florida: Evidence from Stable Carbon Isotopes 59
Characterization of Organic Nitrogen Compounds in Aquatic Fulvic Acid Mixtures by High Resolution Multistage (MS^n) FT-ICR Mass 59
Pb Isotopes in Tree Rings: Chronology of Pollution in Bayou Trepagnier, Louisiana 61
High Precision Measurement of Mercury Isotopes by Secondary Ionization Mass Spectrometry: Potential as Environmental Tracers 61
Phosphorous Analysis in Natural Waters by Inductive Coupled Plasma Mass Spectrometry 62
Trace Element Partitioning Constraints on Melting Beneath Mid-Ocean Ridges 63
Partial Melting of the Earth's Mantle Beneath Theistareykir, Northern Iceland 64
Carbon Isotope Evidence for Environmental Change in Nihewan Basin, China 66
EPR Investigations of High-Level Dosimetry in Quartz: Radiation Sensitivities 66
A Comparison of Modern Mass Spectrometric Methods for Th Isotope Ratio Measurement 67
Age and Isolation of Mantle Components and Reservoirs: A Question of Model Dependence 69

Superconductivity – *Basic*

Superconducting Pair Fluctuations in $YBa_2Cu_3O_7$ 70
Transport Properties of the Ground State of $La_{2-x}Sr_xCuO_4$ High Temperature Superconductor 71
Diagonalization in Reduced Hilbert Spaces Using a Systematically Improved Basis: Application to Spin Dynamics in Lightly Doped Ladders 72
Phase Fluctuations and the Pseudogap Phenomenon in the Underdoped Cuprate Superconductors 72
Physics of High Temperature Superconductors 73
Hole-Pairs in a Spin Liquid: Influence of Electrostatic Hole-Hole Repulsion 74
Problem of Quantum Oscillations in Superconducting Mixed State 74
Magnetic Field Independence of the Spin Gap in $YBa_2Cu_3O_{7-\delta}$ 75
Quasiparticles in *d*-Wave Superconductors 76
Search for Reentrant Superconductivity in Sr_2RuO_4 77
Point Disorder Induced Transition in the Mixed State of $YBa_2Cu_3O_7$ 78
Dynamic and Static Properties of Hole-Doped 4-Leg Ladders Using the Optimized Reduced Basis Approximation Method 79
Hole-Density Evolution of the One-Particle Spectral Function in Doped Ladders 79
Phase Transition into Superconducting Mixed State and de Haas-van Alphen Effect 79
Magnetoresistance of Hg-1223 Films 80
Two Holes in a Locally Antiferromagnetic Background: The Role of Retardation and Coulomb Repulsion Effects 80
Magnetoresistance in Superconducting $Sm_{1.83}Ce_{0.17}CuO_{4-y}$ 81
Calorimetric Study of Flux-Lattice Melting in YBCO 82
Magnetoresistance of $TmNi_2B_2C$ 82
Collective Excitations in High Temperature Superconductors 83
Collective Modes and Pseudogaps in HTS Materials 83
Inhomogeneous States of Nonequilibrium Superconductors: Quasi Particle Bags and Anti-Phase Domain Walls 84
Numerical Study of Spin-Charge Separation in One Dimension 84
Unusual States of Inhomogeneous dsub(xsup$_2$ -ysup$_2$) + idsub$_{xy}$ 84
Fermi Surface Study of the A15 Superconductor V_3Si 85
Responses to the High Magnetic Field of the Pseudogap and Superconductivity in High-T_c Cuprate 86
Anomalous SdH Oscillations in Organic Superconductor β"-$(BEDT\text{-}TTF)_2SF_5CH_2CF_2SO_3$ 87
Upper Critical Field Studies in Organic Superconductor κ-$(BEDT\text{-}TTF)_2Cu(SCN)_2$ 88

Superconductivity – *Applied*

Evaluation of Adhesion Strength of Sol-Gel Ceramic Insulation for HTS Magnets 89
Sol-Gel Buffer Layers for YBCO: Growth and Processing 90
Critical Current of Superconducting Rutherford Cable Subjected to Transverse Pressure in High Magnetic Fields 92
n-Values for the Superconducting Transitions of Nb_3Sn Conductors for the Wide Bore 900 MHz NMR Magnet 92
EURUS HTS Current Lead Development for 45 K Operation 93
High Field Characterization of Novel Nb_3Sn Tape Conductors 94
Recent Developments of Bronze Processed Nb_3Sn Superconducting Wire at Oxford Instruments, Inc., Superconducting Technology (OI-ST) 95
Heat Treatment of Pulsed Laser Deposited YBCO Thin Films in Magnetic Fields Up to 20 T 95
Continuous Processing of $Bi_2Sr_2CaCu_2O_8$ Tapes 96
Heat Treatment of Conductors and Coils for 3 T Insert Coils 98
Recent Progress on the Usage of Sintering Aids to Improve the Texture in $YBa_2Cu_3O_{7-\delta}$ Coatings 99
Influence of Silver and Gold Interfaces on the Formation and Stability of HgX1212 and HgX1223 Superconductors (X=Re, Pb, and Bi) 100
Development of High Performance NbTi Superconductors 101
Synthesis, Phase Stability, and Properties of Hg-X-Ba-Ca-Cu-O Superconductors (X = Bi, Pb, and Re) 101

Persistent Joint Development for High Field NMR 102
Influence of Ba Additions on the Superconducting Properties of Bi-2212 103
Effects of Mechanical Strain on Critical Current Density of Bi-2212 104
Critical Current Measurements on Large Superconducting Cable Embedded in an Aluminum Stabilizer 105

Quantum Solids

New Phases for the Ordering of Quantum Rotors in 2D: NMR Studies 106
Theory of the Ordering of Molecular Hydrogen in 2D 107

Kondo / Heavy Fermion Systems

High Field ^{11}B NMR Study of the Mixed Valent Compound SmB_6 and La Doped CaB_6 108
High Field Transport in the Rare Earth Hexaborides 109
Magnetic Field Dependence of the Thermal Excitations in $YbNi_2B_2C$ and $LuNi_2B_2C$ 110
Magnetoresistance of the Non-Fermi-Liquid System UCu_4Pd 111
Specific Heat Measurements on U_2Cu_9Al and $UCu_{3.5}Al_{1.5}$ in High Magnetic Fields 112
SmB_6: Magnetoresistance to 60 Tesla 112
De Haas-van Alphen Measurements on USn_3 and UAl_3 113
Magnetization and de Haas-van Alphen Measurements to 50 T on U_2Zn_{17} 114
Magnetization of UBe_{13} to 60 T 115
High Field Magnetoresistance of the Non-Fermi-Liquid Alloys $U_{1-x}Th_xPd_2Al_3$ and $U_{1-x}Y_xPd_2Al_3$ 115
Correlated Electron Materials 116
The dHvA Effect in $La_{1-x}Ce_xB_6$ 117
Effect of Pressure and Magnetic Field on the Heavy Fermion Superconductor $U(Pt,Pd)_3$ 118
CeB_6 in Strong Magnetic Fields 118
Fermi Surface Studies of XBe_{13} Compounds 120
Magnetic Impurities in Unconventional Fermi Systems 120
Heat Capacity Experiments in the New Long Pulse 60 T Magnet 121
Heat Capacity of $YbInCu_4$ at Very High Magnetic Fields 122
Magnetocaloric Effect Up to 60 T in Si, $Ce_3Bi_4Pt_3$ and UBe_{13} 123
De Haas van Alphen Experiments in $YbXCu_4$ and $LuXCu_4$ 125
SmB_6 in Megagauss Fields 126
Pressure Effect on the Metamagnetic Transition of UNiAl 126
Magnetization Measurements of Correlated Electron Systems 127
Ultrasonic Velocity Measurements in UPt_3 at the Metamagnetic Transition 128
Magnetostriction and Thermal Expansion of UBe_{13} 129
Quantum Acoustic Oscillations in UPt_3 129
Measurement of the Specific Heat of Two Highly Correlated Heavy Fermion Systems (UBe_{13} and $U_{0.97}Th_{0.03}Be_{13}$) in Pulsed Fields to 60 T 130
Scaling of the Magnetization in Magnetic Fields to 30 T of $UCu_{5-X}Pd_x$: Evidence for a Crossover from Correlated to Single Ion Magnetic Inter-Actions Upon Cooling 130
Magnetic Phase Transitions in UNiGe Under Pressure 131
Magnetotransport Studies of CeP 132
Magnetic Properties of the Kondo Lattice Compound CePtSn 133

Molecular Conductors

The Critical Magnetic Field of the Superconductor λ-$(BETS)_2GaCl_4$ with the Field Parallel to the Conducting Planes 134
Magnetoresistance in $(DMET\text{-}TSeF)_2X$ System 134
High Field Magnetization of the Spin-Peierls Compound $(TMTTF)_2PF_6$ 135
Incommensurate Phase of the Organic Spin-Peierls Compound $(TMTTF)_2PF_6$ 136
High Field NMR Studies of Conduction Electron Dynamics in Metallic Polypyrrole-PF_6 137
NMR Investigation of Spin Density Wave Critical Fluctuations in $(TMTSF)_2PF_6$ 138
Thermodynamic Observation of Magnetic-Field Induced First-Order Phase Transition in α-$(BEDT\text{-}TTF)_2KHg(SCN)_4$ 139
Role of Electron-Electron Interactions in Organic Conductors 140
Ensemble Dependence of the de Haas-van Alphen Effect in α-$(ET)_2KHg(SCN)_4$ 141
Uniaxial Stress Studies of the SDW State in $(TMTSF)_2PF_6$ 142
Frequency Mixing of the Magnetic Breakdown Oscillations and Their Temperature-Dependence in the Canonical Ensemble 143
The Fermi Surface of α-$(BEDT\text{-}TTF)_2KHg(SCN)_4$ 144
The Phase Diagram of α-Phase Charge-Transfer Salts 145
High Field Electrodynamic Investigation of $(TMTSF)_2ClO_4$ 146
Angle-Dependent Transport Measurements in the Quantum Hall Regime of α-$(BEDT\text{-}TTF)_2TlHg(SCN)_4$ 147
Hall Potential Oscillations in κ-$(BEDT\text{-}TTF)_2I_3$ in Pulsed Magnetic Fields of Up to 60 T 149
Magnetic Breakdown in the High Field Phase of the Organic Conductor α-$(BEDT\text{-}TTF)_2KHg(SCN)_4$ 150
Pulsed Magnetic Field Measurements of Hall Potential Oscillations in α-$(BEDT\text{-}TTF)_2MHg(SCN)_4$ (M = K, Tl) within the Quantum Hall Regime 152
Quantum Oscillations in α-$(BEDT\text{-}TTF)_2KHg(SCN)_4$ above the Néel Temperature 153
Shubnikov-de Haas and Angle-Dependent Magnetoresistance Oscillation Studies of α-$[(CH_3)_2(C_2H_5)_2N][Ni(dmit)_2]_2$ 154
High Magnetic Field ^{13}C NMR in α-$(BEDT\text{-}TTF)_2KHg(SCN)_4$ 155
The Superconducting State in $(TMTSF)_2PF_6$ at High Magnetic Field 157
$(TMTSF)_2ClO_4$ in the Quenched State 158
Angle-Dependent Magnetoresistance Oscillation Studies of λ-$(BEDT\text{-}TSF)_2GaCl_4$ 159
Magnetotransport Measurements in α-$(BEDT\text{-}TSF)_2FeCl_4$ 160
Observation of the Angle-Dependent Magnetoresistance Oscillation(AMRO) and Shubnikov-de Haas Effect in κ-$(BEDT\text{-}TSF)_2Cu[N(CN)_2]Br$ 161
Magnetoresistance of Perchlorate Doped Polyacetylene 162
New High Field Angular Dependent Aspects of Quasi-2 Dimensional Organic Conductors 163
Temperature and Angular Dependence of the Magnetoresistance in ET_2X Salts 164
Temporal Processes in Complex-Anion Organic Superconductors 165
Upper Critical Field and High Field Magnetoresistance of $Tl_2Mo_6Se_6$ 166
Magnetic Quantum Oscillations in Protonated and Deuterated κ-$(BEDT\text{-}TTF)_2Cu[N(CN)_2]Br$ 167
Unusual Shubnikov–de Haas Oscillations in the Organic Superconductor β"-$(ET)_2SF_5CH_2CF_2SO_3$ 168

Semiconductors

Pairing of Composite Fermions 169
2-D Spin Distributions and Magnetization Steps in Single ZnSe/Zn(Cd, Mn)Se Quantum Wells 170
High-Speed Optical Spectroscopy in the 60 Tesla Long Pulse Magnet 171
Optical Signatures from Magnetic 2-D Electron Gases at High Fields to 60 Tesla 172
Physics of Deep Levels in Semiconductor Quantum Dots 173
Mesoscopic Fluctuations of Chiral Surface Sheaths in the Integer Quantum Hall Effect 174
Magnetotransport in AlGaAs/GaAs Multiple Quantum Wells 174
Suppression of the Two-Dimensional Metallic Phase by Spin-Flip Scattering 175

Magneto-PL Associated with a 2D Electron Gas Populating the X-Valleys in GaAs/AlAs Quantum Wells 176
Structural Studies of Chalcogenide Glasses by High Field NMR 177
Quantum Hall Effect in InSb 178
Localized Versus Extended States in InGaAsN Photovoltaic Materials 179
High Field Magneto-Photoluminescence in Magnetic Semiconductors 180
Studies of Magnetic Field Induced New Bound States at the ν=2 and ν=1 Quantum Hall States in GaAs/AlGaAs Single Heterojunctions 181
High Field Photoluminescence Spectroscopy of the Charged and Neutral Excitons in GaAs Quantum Wells 182
Discontinuous Red-Shift in the Emission Spectrum of a Two-Dimensional Electron Gas 183
Spin-Resolved Photoluminescence Probe of Two-Dimensional Holes in a p-Type GaAs/AlGaAs Heterostructure 184
Studies of Microwave Resonance in Two-Dimensional Hole System at High B 185
Numerical Studies of Quantum Hall Fluids 186
Magnetic Field Induced Charged Exciton Studies in a GaAs/AlGaAs Single Heterojunction 186
Oscillatory Cyclotron Resonance Effective Mass in $ZnSe/Zn_{1-x-y}Cd_xMn_ySe$ Heterostructures 187
FQHE at Ultra-Low Temperatures and High Magnetic Fields 188
The Effective Mass and its Density Dependence of Composite Fermions with Four Flux Quanta 189
Magnetization Measurements on the III-VI Diluted Magnetic Semiconductor $Ga_{1-x}Mn_xSe$ at High Fields 190
Measurement of the Hall Scattering Coefficient in 4H-SiC Epitaxial Layers 191
Electrical Conductivity Detection of Nuclear Hyperpolarization: A New Method of Measuring the Zeeman Energy of Two-Dimensional Electrons in GaAs/AlGaAs Quantum Wells 191
Hyperfine Coupling Between Two-Dimensional Electrons and Quantum Well Nuclei 192
Optical Spectroscopy of Cyclotron Resonance, Electron-Phonon Interaction and Magnetic-Field-Induced Localization in GaAs/AlGaAs Quantum Well Structures 193
Pressure Effects on Magnetic Field Induced Type I-Type II Transition in CdTe/(Cd, Mn)Te Single Quantum Wells 194
High Magnetic Field Corrections to Resistance Thermometers at Low Temperatures 195
Quantum Hall Effect in 200 Layer GaAs/AlGaAs Multiple Quantum Well Structures 196

Magnetism & Magnetic Materials

Deuteron NMR and Spin-Lattice Relaxation Studies of a Manganese-Ion Cluster Nanomagnet 198
Magnetic Interactions and Evidence for the Two Sublattice Model of $Mn_{12}O_{12}$ Acetate by ^{13}C NMR Spectroscopy 199
ESR Study of (Mg, Zn) Doped $CuGeO_3$ 199
High Frequency Splitting of ESR Peaks in K_3CrO_8 200
High Magnetic Field Induced Splitting of Electron Paramagnetic Resonance (EPR) Lines in the S=1/2 Heisenberg Antiferromagnet K_3CrO_8 201
Ca-Based Ruthenates: Mott Transitions to Bad Metals 202
Novel Physical Phenomena in Quasi-One-Dimensional $BaIrO_3$ 203
Weak Ferromagnetism and Anomalous Resistivity in Sr_2IrO_4 204
Correlation Between Spin Polarization and Magnetic Moment in Ferromagnetic Alloys 205
Magnetization and de Haas-van Alphen Measurements to 50 T on $CeRhIn_5$ 206
Coercivity in $SmCo_5$ Magnets 207
Antiferromagnetic Resonance as a Tool for Investigating Magnetostructural Correlations: The Canted Antiferromagnetic State of $KMnPO_4{\cdot}H_2O$ and a Series of Manganese Phosphonates 207
Hall Effect and Thermopower of $RESb_2$ Compounds 208
The Fermi Surface of Ferromagnetic EuB_6 209
Lattice and Magnetic Effects in Doped Manganites 210
Faraday Rotation in Paramagnetic Salts Under High Magnetic Field 211
Effect of Spin-1 Impurities in Dimerized Heisenberg Chains 212
Effects of Exchange Interaction Between Mn^{++} and Conduction Electrons on Mn^{++} EPR 212
Magnetic Field Dependence of the Optical Conductivity in $a\text{-}Si_{1-x}RE_x$ Alloys 213
High Field Studies of the Magnetism of Two Dimensional Heisenberg Antiferromagnets 214

Enhancement of Antiferromagnetic Correlations Induced by Nonmagnetic Impurities: Origin and Predictions for NMR Experiments 215
MEMS Magnetometry in Pulsed Magnetic Fields 215
High Field EPR of the Strongly Coupled $Cd_{(1-x)}Mn_{(x)}Se$ and $Cd_{(1-x)}Mn_{(x)}S$ Magnetic Semiconductor Alloys 216
Spectroscopic Studies of Quantum Limit Materials in a Magnetic Field 217
Demagnetization Versus Short Range Order Effects in Low-Dimensional Magnetic Materials: High Field EPR and Magnetization Measurements 218
Determination of the Single Ion Anisotropy of Fe(III) in Large Magnetic Clusters 219
High Field/High Frequency EPR Investigation of Transition Metal Ion Adducts with Semiquinones 220
Glassy Behavior of Random Field Magnets 221
Comparison of Cl_2/He, Cl_2/Ar and Cl_2/Xe Plasma Chemistries for Dry Etching of NiFe and NiFeCo 222
Iodine- and Bromine-Based Dry Etching of $LaCaMnO_3$ 223
Relative Merits of Cl_2 and CO/NH_3 Plasma Chemistries for Dry Etching of MRAM Device Elements 224
High Field EPR of High-Spin Polynuclear Manganese Compounds 225
Numerical Calculations of the B_{1g} Raman Spectrum of the Two-Dimensional Heisenberg Model 226
Magnetoresistance Measurements on RAlSi Compounds 227
High Magnetic Field Properties of $CeRh_3B_2$ 227
Antiferromagnetic Resonance in the Cubic Perovskite $KNiF_3$ 228

Other Condensed Matter

Effect of High Magnetic Field on Logic Gate Transfer Characteristics with Application to SEU Testing 229
Study of Spin and Charge Fluctuations in the U-t-t' Model 229
The Ferromagnetic Kondo Model for Manganites: Phase Diagram, Charge Segregation, and Influence of Quantum Localized Spins 230
De Haas-van Alphen Measurements on SrB_6, CaB_6, and $Ca_{0.995}La_{0.005}B_6$ 230
Electronic Transport in a Metal with Tortuous Channels 231
Magnetoresistance of $BaVS_3$ 232
Far-Infrared, Millimeter-Wave and Transport Studies of “Colossal” Magnetoresistance Materials 233
Circular Current and an Additional Magnetic Moment in Ultra-Pure Metal Single Crystals 233
Dislocation Breakdown in Tungsten and Molybdenum Single Crystals at High Magnetic Fields 234
Measurement of Grain Boundary Energy in Bismuth-Bicrystals 235
Tests of Coulomb Blockade Thermometers in High Magnetic Fields 236
Magnetic Thermometry at Low Temperatures Using LCR Meter 237
$NbSe_3$: High Field Magnetoresistance and Effect of Uniaxial Stress 238
Investigation of Sonoluminescence Under Magnetic Fields 239
Phase Separation in Electronic Models for Manganites 240
Phase Separation Induced by Orbital Degrees of Freedom in Models for Manganites with Jahn-Teller Phonons 240
Static and Dynamical Properties of the Ferromagnetic Kondo Model with a Direct Antiferromagnetic Coupling Between the Localized t_{2g} Electrons 240

Magnetic Resonance Techniques

NMR Microscopy and Spectroscopy; Perfused Brain Slices and Microcoils 241
Radio Frequency Tests of NMR Probe Coils Made of High Temperature Superconducting Materials 241
K_3CrO_8 as a Proposed Standard for g-Factor, Spin Concentration, and Field Calibration in High Field EPR Spectroscopy 242
Determination of Gramicidin Channel Structures in Hydrated Phospholipid Bilayers by Solid State NMR 243
The Use of PFG-NMR for the Measurement of Diffusion Coefficients of the *Cis* and *Trans* Isomers of Proline-Containing Peptides 244

High Zeeman Field Narrowing of the NMR Peaks of Spin 1/2 Nuclei Coupled to Quadrupolar Nuclei: ^{31}P NMR Widths as a Probe of the $RbH_2PO_4(x)$-$NH_4\ H_2PO_4(1-x)$ Proton Glass 244
Temperature-Jump 2D NMR Spectroscopy in Crystalline Solids: A Technique for Correlating Molecular Reorientation Across the Phase Boundaries of an Order-Disorder Lattice 245
Polarization Transfer in Multiple-Spin Systems and High Resolution NMR Dipolar Spectroscopy of Oriented Solids 246
Magnetic Resonance Evaluation of Spinal Cord Injury 247
Formulation and Demonstration of a New Mass Spectral Line Shape for High-Mass Trapped Ions 248
High Field EPR Experiments in the Compound $La_2Ni_{0.5}Li_{0.5}O$ 249
Understanding Dispersion in Chromatography 249
Magnetic Resonance Imaging of Liquid Flow in Porous Materials Containing a Transverse Permeability Discontinuity 250
Relaxation Effects in a System of a Spin-1/2 Nucleus Coupled to a Quadrupolar Spin Subjected to RF Irradiation: Evaluation of Broadband Decoupling Schemes[1] 251
STRAFI: A GAMMA Investigation 252
The Keck Magnet and NMR Applications 253
^{13}C Selective Polarization and Spin Diffusion in a Lipid Bilayer Bound Polypeptide by Solid-State NMR 254
Cation Binding Induced Changes in N-15 Chemical Shift Anisotropy in a Polypeptide 255

Engineering Materials

New Cryogenic Processing Approaches to the Development of High Strength-High Conductivity Wires for Magnet Applications 257
Tensile Strength and Electrical Resistivity of Cu-Nb/Ti Composite Wires 258
The Influence of Heat Treatment on the Properties of Heavy Deformed Cu-Nb/Ti Composite Wires 259
Magnetic Field Processing of Polymers 259
Mechanical and Thermal Properties of Unreinforced Polyphenylene at Cryogenic Temperatures 260

Magnet Technology

Void Fraction Effect on AC Loss in Saturation Regime for NbTi CIC Conductor 261
Comparison of the Bronze Component in Nb_3Sn Conductors Through Ultimate Strength Measurements 262
Computation of the Magnetic Loads Applied by the Superconducting Joint Correction Coils of the 900 MHz NMR Magnet 263
Critical Current of Nb_3Sn Conductors for the Wide Bore 900 MHz NMR Magnet 264
Magnetic Characterization of Steel and Weld Alloys for NMR Coil Forms 265
Magnetic Characterization of Steel Reinforcement Alloy for NMR Applications 266
Testing of a 2.5 T Class HTS Insert Coil 267

Cryogenics

Analytical Solution for Heat Transfer in He II High Reynolds Number Flow 268
Fluid Dynamics in Two-Phase Helium II 268
Heat Transfer in Horizontal Two-Phase Helium II 269
Observed Drag Crisis on a Sphere in Flowing Helium I and Helium II 270

RESEARCH REPORTS BY AUTHOR

APPENDIX B

A
Abdelrazek, M.M. 108
Achey, R.M. 108, 198, 199
Adams, E.D. 188, 237
Adhikari, B. 11
Aeserud, D.J. 49
Agosta, C.C. 134
Alavi, B. 135, 136, 138
Albarède, F. 64, 67
Alexander, C.S. 202
Allerman, A. 179
Amundson, R. 66
Andersen, K.V. 50
Angerhofer, A. 12, 13, 14, 16, 18
Anzai, H. 142, 146
Aoki, H. 85, 132, 139, 164
Apih, T. 198
Arcon, D. 198
Arko, A.J. 113, 114, 206
Arnason, S.B. 231
Aronson, M.C. 109
Arrigoni, E. 84
Awipi, M. 229
Awschalom, D.D. 170, 172

B
Bachman, H.N. 70
Balakirev, F.F. 71
Baldwin, K.W. 188, 189
Balthes, E. 149
Basov, D.N. 213
Baudouy, B. 261, 268
Baumann, B. 11
Bayindir, Z. 134
Benicewicz, B.C. 37
Benner, S.A. 44
Bennett, L. 62
Bennett, M. 126
Bennett, M.C. 153
Berenguer, C. 261
Betts, J.B. 71, 126
Beyermann, W.P.
82, 110, 111, 112, 121, 126, 131
Bharatam, J. 38, 39
Biskup, N.
134, 155, 199, 200, 233
Bizimis, M. 58
Blackband, S.J. 241
Blichert-Toft, J. 64, 67
Blinc, R. 198
Blundell, S.J. 152
Bodenhausen, G. 245
Boebinger, G.S. 71
Bogdanovich, S. 109
Bolivar, J. 204
Bonesteel, N.E. 169, 186
Booth, C.H. 113, 232
Bossart, E.L. 247
Bossio, R.E. 44, 248
Bowers, C.R. 38, 39, 54, 191, 192
Bowman, W. 126
Bradbury, E.M. 21
Brandao, L. 257, 258, 259
Bratt, P.J. 12, 13, 14, 16, 18, 40
Brey, W. 241
Brooks, J.S. 31, 85, 87, 88, 132, 134,
141, 142, 146, 155, 158, 163,
164, 165, 167, 168, 195, 196,
199, 200, 233, 234
Brown, L. 34
Brown, S.E. 135, 136, 137
Brunel, L.-C.
12, 13, 14, 16, 18, 19, 40, 43,
45, 46, 47, 48, 52, 55, 201,
207, 212, 216, 218,
219, 220, 225, 242, 249
Brustolon, M. 52
Bubenzer-Hange, C. 12
Buckley, D.L. 241
Buhler, C. 229
Bui, J.D. 241
Burgin, T. 134
Busath, D.D. 42
Bushweller, J.H. 21

C
Caban, J. 25
Cadieu, F. 223
Cage, B., 201, 242
Caldwell, T. 108, 155
Callihan, D.E. 41
Caneschi, A. 218
Canfield, P.C. 82, 110, 123, 208
Cao, G. 77, 202, 203, 204
Capponi, S. 226, 230
Carbone, F.A. 32
Carbonera, D. 19
Caspar, D.L.D. 36
Celik, E. 89, 90
Chaikin, P.M. 157
Chashechkina, E. 157
Chau, R. 111
Chen, C.-J. 20
Chen, J. 205
Chen, X. 21
Cho, H. 224, 239
Choi, E.S. 162
Choi, Y. 59
Choy, T.S. 205
Choyke, W.J. 191
Christou, G. 225
Clark, R. 196
Clark, W.G.
86, 135, 136, 137, 138
Coey, M. 54
Coffey, T. 134
Cooley, J.C. 112, 126
Cooper, W. 59
Cornelius, A.L.
113, 114, 120, 125, 206
Cornia, A. 219
Cotten, M. 42, 243
Cottone, A. 38
Crabtree, G.W. 78, 82
Crooker, B.C. 190
Crooker, S.A. 170, 171, 172
Cross, T.A.
22, 35, 42, 56, 243, 253, 254, 255
Crow, J.E. 202, 203, 204

D
Da Motta, M. 20
Dagotto, E.
72, 74, 79, 80, 212, 215, 226,
230, 240
Dahmen, K.H. 223
Dalal, N.S. 198, 199, 200,
201, 242, 244, 245
Day, P. 144, 150, 153
de Andrade, M.C. 115
de Campos, M.F. 207
de Visser, A. 118
Dei, A. 220
Delia, A. 212
Denny, J.K., 51
Derrick, T. 244
Detwiler, J.A. 115, 120

Devaty, R. 191
Dickey, R.P. 115
Dietderich, D.R. 92
Dixon, I.R. 92, 262, 263, 264, 266
Dobrosavljevic, V. 202, 221
Dobrowolska, M. 180
Dolinsek, J. 198
Dominguez, T. 126
Dong, J. 66
Dorsey, A.T. 72
Douglas, E.P. 37, 259
Dow, J. 73, 173
Drader, J. 44
Druist, D.P. 174
Du, R.R. 174
Dultz, S. 184
Duran, R.S. 37
Durbin, S.M. 95
Dutta, M. 176
Dynes, R.C. 213

E
Earle, K.A. 45
Earls, J.D. 37
Eaton, G.R. 43
Eaton, S.S. 43
Eblen, M. 139
Edison, A.S. 21
Ellgaard, E. 61
Embury, J.D. 257
Emmett, M.R. 27, 28, 30
Engel, L.W. 185
Eschrig, M. 70
Eyler, J.R. 44, 45
Eyssa, Y. 93

F
Fajer, P.G. 11, 34, 35
Fanucci, G.E. 207
Feller, J. 128
Feng, X.G. 175
Ferl, R.J. 31
Fievre, A. 59
Fisher, R.A. 82
Fisk, Z. 108, 109, 114, 116, 117, 118, 127, 199, 209, 227, 230, 249
Flowers, G. 61
Fortune, N.A. 139
Fravel, B.F. 159
Freed, J.H. 45
Freeman, E.J. 115
Freitas, M.A. 29, 30
Frost, D. 101
Fu, R. 35, 243, 244, 245, 254
Fukase, T. 85
Furdyna, J.K. 180, 212, 216
Furukawa, N. 230, 240

G
Gaffney, B.J. 26, 38
Gamble, B.K. 166, 208, 238
Gan, Z. 246
Gard, G.L. 168
Gatteschi, D. 218, 219, 220
Gavilano, J.L. 198
Gazza, C. 72, 74, 79, 215
Geiser, U. 155
Gerola, D. 19
Giacometti, G. 19
Gianna, R. 38
Gibbs, S.J. 25, 241, 249, 250
Goettee, J.D. 126
Goldberg, D.P. 48
Gonzalez-Buxton, C. 120
Goodrich, R.G. 117, 118, 209, 230
Gor'kov, L.P. 74, 140, 210
Gorny, K. 75
Gossard, A.C. 174
Gottstein, G. 235
Graf, A.T. 190
Graf, M.J. 118
Grant, S. 241
Greenbaum, N.L. 33
Guan, S. 248
Guertin, R.P. 202, 203, 204
Guillot, M. 211
Gupta, G. 21
Gwinn, E.G. 174

H
Haddon, R.C. 165
Haetty, J. 176
Haga, Y. 132
Hagiwara, M. 228
Haik, Y. 20
Hall, D. 85, 118, 130, 135, 209, 218, 230, 233
Halperin, W.P. 70
Hambly, B. 11, 34
Hammel, P.C. 75
Han, K. 257
Han, S.-Y. 141, 142, 195
Hanke, W. 84
Hannahs, S.T. 118, 236
Hansen, P. 212, 215
Hansen, R.E. 35
Hanson, M.E. 138
Hari, P. 177
Harima, H. 120
Harrison, N. 112, 113, 114, 115, 117, 118, 120, 130, 144, 145, 147, 149, 150, 152, 153, 154, 158, 159, 160, 161, 209
Hascicek, Y.S. 89, 90, 93, 94, 95, 98, 99
Hassan, A. 12, 14, 16, 18, 43, 45, 212, 216, 218, 219, 220, 225, 249
Hazelton, D. 267
Heathcote, P. 14, 18
Hebard, A.F. 231
Heinen, I. 149
Hellman, F. 213
Hendrickson, C.L. 27, 28, 29, 30, 44, 49, 50
Hendrickson, D.N. 46, 47, 225
Henning, P.F. 203, 213
Hentges, R. 95
Heringhaus, F. 235
Herrera, D. 126
Hershfield, S.P. 231
Hicks, J.L. 178
Hideg, K. 11
Hill, S. 146, 233
Hilton, D.K. 270
Hirschfeld, P.J. 76
Hodges, R. 93, 95
Hoffman, B.M. 48
Holczer, K. 135
Hong, S. 95
Honold, M.M. 126, 144, 147, 149, 150, 152, 153, 154, 159, 160, 161
Houk, R.S. 44
Hu, J. 230, 240
Hu, Q.Y. 96, 98, 104
Huber, J.G. 227
Hughes, S.B. 190
Hults, W.L. 75, 112
Hundley, M.F. 82, 113, 227

I
Immer, C. 116
Ingersent, K. 120
Inglis, B.A. 247
Inokuchi, M. 154
Ishiguro, T. 77

J
Jackson, D. 116, 199
Jaime, M. 121, 122, 123, 130
Jardim, R.F. 81
Jaworski, M. 35
Jiang, H.W. 183, 184
Jones, E.D. 179
Jung, K.B. 222, 224

K

Kalu, P.N. 258, 259
Kamarad, J. 126, 131
Kang, W. 239
Karczewski, G. 194
Kartsovnik, M.V. 147, 152
Kato, R. 134
Katsumata, K. 228
Kaufman, M.J. 234
Kauppinen, J.P. 236
Kebede, A. 166
Keizer, R.J. 118
Kelly, J.J. 21
Ketterson, J.B. 128
Kikkawa, J.M. 170, 172
Kim, G.T. 162
Kim, J.H. 141
Kim, J.S. 130
Kim, K. 106, 107
Kim, Y.
180, 181, 182, 183, 184, 186, 194
King, J. 126
Kini, A.M. 155
Kioseoglou, G. 176
Kispert, L.D. 40
Kleinhammes, A. 70
Knapp, M.J. 46, 47
Konovalova, T.A. 40
Kossut, J. 194
Kovacs, F. 22
Kresin, V.Z. 210
Krzystek, J.
13, 16, 40, 43, 46, 47, 48, 55, 207
Kuebert, C. 76
Kugeler, O.J. 95, 99
Kuhns, P.L. 70, 75, 86, 108, 136, 137, 138, 155, 177, 199
Kuo, Y.K. 208
Kurmoo, M. 144, 150, 153
Kurtz, S.R. 179
Kushch, N.D. 147, 152
Kwok, W.K. 78, 82
Kwon, H.-J. 72

L

Lacerda, A.H. 81, 82, 110, 111, 112, 115, 126, 129, 131, 166, 208, 227, 238
Lamb, R. 22
Landee, C.P. 214
Landgraf, F.J.G. 207
Lang, G.-H.L. 45
Larive, C.K. 244
Laukamp, M. 215
Lawrence, J.M. 125, 232
Lawson, A.C. 227
Lee, I.J. 157
Lee, K.S. 182
Lee, X.Y. 183, 184
Leone, M.J. 215
Levit, V.I. 234
Lewis, R.A. 233
Lewis, R.S. 190
Li, C.-C. 185
Li, G.-Z. 248
Li, H. 34
Li, W. 28, 44
Li, Y. 101
Liebig, F. 54
Lin, Y. 24
Lincoln, D.M. 259
Liu, H.L. 228
Llewelyn, J. 59
Lochner, E. 202, 203
Locke, B.R. 25
Logan, T.M. 26, 36, 41
Long, V.C. 217
Longhi, J. 63
Lopez, A. 215
López, D. 78
Luck, L.A. 26
Lumpkin, N. 196

M

Maeno, Y. 77
Maguire, B.C. 26
Maki, S. 139
Malvezzi, A. 72, 215, 230, 240
Maniero, A.L.
12, 14, 19, 45, 52, 225
Maple, M.B. 111, 115
Maranowski, K. 174
Marcantonio, F. 61
Marchenkov, V.V. 233, 234
Mareci, T.H. 241, 247
Mariappan, S.V.S. 21
Markiewicz, W.D. 92, 102, 262, 263, 264, 265, 266
Marshall, A.G. 27, 28, 29, 30, 44, 45, 49, 50, 59, 248
Martindale, J.A. 75
Martins, G. 72, 215
Martins, G.B. 74, 79, 216, 249
McCall, S. 202, 204
McCarty, A.D. 216
McCombe, B.D. 193
McFadden, L. 25
McIntosh, D.G. 50
McKenzie, R. 88
Meisel, M.W. 31, 207
Melik-Alaverdian, V. 186
Menon, R. 137
Mercer, E. 247
Merlic, C.A. 135, 136
Mielke, C.H. 112, 115, 126, 147, 149, 150, 152, 153, 158, 160, 161, 166
Mikulina, O. 126, 131
Miller, C. 35
Miller, J.R. 92, 105
Mineev, V.P. 79
Miotkowski, I. 190
Missell, F.P. 207
Mitchell, S., 61
Mitrovic, V.F. 70
Mochena, M. 140
Modine, N.A. 179
Modler, R. 127
Moerland, T.S. 25, 32
Mola, M. 233
Molodov, D.A. 235
Montgomery, L.K.
134, 158, 159, 160, 161
Moreo, A. 229, 230, 240
Motamedi, F. 260
Moulton, W.G.
70, 75, 86, 108, 136, 137, 138, 155, 177, 199
Movshovich, R.
121, 122, 123, 130
Muenchausen, R.E. 95
Munteanu, F.M. 181, 186
Murali, N. 26, 251
Murphy, J.R. 36
Murphy, S.Q. 178
Murphy, T.P. 236
Musfeldt, J.L. 217

N

Nageswara Rao, B.D. 24
Nakamae, S. 80
Nakatsuji, S. 139
Nakotte, H. 112, 126, 131, 133
Nam, M.S. 147, 149, 150, 152, 154, 159, 160, 161
Nandor, V.A. 75
Naughton, M.J. 135, 157, 215
Neiva, A.C. 207
Newby, M.I. 33
Ng, H.K. 187
Niemann, E. 191
Nixon, P.G. 168
Nugent, J.H.A. 16

O

O'Brien, J. 196
O'Connor, T.G. 105
Odom, A.L. 61, 66

Oh, J.I. 215
Ohmichi, E. 77
Oppeneer, P.M. 113
Oritz, G. 186
Oseroff, S. 249
Oshima, K. 134
Ott, H.R. 198

P

Pacheco, M. 126
Pagliuso, J.P. 249
Pai, V.N. 20
Palm, E.C. 236
Palm, T. 34
Pamulapati, J. 176
Pan, W. 188, 189
Panek, J.S. 268, 269
Pardi, L.A. 48, 55, 218, 219, 220
Park, J.G. 162
Park, J.K. 249
Park, Y.W. 162
Pastor, A.A. 221
Paul, A.-L. 31
Paulius, L. 78
Pavlovskaya, G.E. 250
Pearton, S.J. 222, 223, 224
Pekarek, T.M. 190
Pekola, J.P. 236
Pennington, C.H. 75
Perenboom, J.A.A.J. 142, 163, 195
Perry, C.H. 181, 186
Peterson, S.C. 101
Petrou, A. 176
Petrovic, C.N. 227
Pfeiffer, L.N. 188, 189
Phillips, M.I. 241
Phillips, N.E. 82
Pickard, K.W. 92, 264
Poilblanc, D. 226, 230
Polouektov, O. 13
Popovic, D. 175
Priester, R.D. 37

Q

Qualls, J.S. 85, 132, 142, 158, 163, 164, 167, 168, 195
Quine, J.R. 51
Quine, R.W. 43

R

Raghunathan, V. 24
Ramdas, A.K. 190
Randall, E.W. 252
Reavis, J. 31
Reich, S. 80
Reid, M. 67
Reno, J.L. 174, 186, 191, 192, 196
Rettori, C. 249
Reyes, A.P. 70, 75, 108, 138, 155, 177, 199
Rickel, D.G. 126, 158, 171, 181, 186
Rickel, D.R. 170, 172
Riera, J. 72, 80, 212, 215
Rinard, G.A. 43
Ringus, E. 12
Rogers, R.P. 50
Rohrer, M. 12
Romero, S.A. 207
Roney, A.B. 100
Ross, J.B.A. 26
Rowland, L.B. 191
Roybal, S. 126
Rudziak, M. 101
Ruiz, D. 225
Rusinova, E. 26
Rutel, I.B. 142
Rutsch, G. 191
Rzepniewski, E. 144, 154

S

Safar, H. 78
Sahm, P.R. 99, 103
Saito, N.H. 207
Sale, K. 34
Sale, K.L. 34
Salkola, M.I. 83, 84
Salters, V.J.M. 58, 62, 63
Samarth, N. 170, 172
Sandim, M.J.R. 81
Sandvik, A. 226
Santos, M.B. 178
Sarma, B.K. 128
Sarrao, J.L. 113, 114, 122, 123, 127, 206, 209, 227, 249
Sastry, P.V.P.S.S. 100, 101, 103
Sauls, J.A. 70
Saylor, C.A. 212
Scanlan, R.M. 92
Schaff, W. 183, 184, 193
Scheer, H., 12
Schilling, A. 82
Schlueter, J.A. 87, 88, 155, 168
Schmiedel, T. 180
Schmiedeshoff, G.M. 82, 110, 115, 120, 129, 227
Scholes, C.P. 35
Schrieffer, J.R. 74, 83, 84
Schwartz, J. 80, 95, 96, 98, 99, 100, 101, 103
Schweitzer, D. 149, 167
Sechovsky, V. 126, 131
Segre, U. 52
Sessoli, R. 219
Setz, S.M. 37
Sharifi, F. 222, 223, 224
Sharp, K.A. 34
Shayegan, M. 185
Shi, S.D.-H. 27, 29, 30, 45, 49
Shine, J. 249
Shvarts, V. 188
Shvarts, V.A. 237
Shvindlerman, L.S. 235
Si, Q. 120
Sienkiewicz, A. 35
Silver, X. 247
Simmons, J.A. 174, 181, 186, 191, 192, 196
Simonsick, W.A. 49
Singleton, J. 143, 144, 147, 149, 150, 152, 153, 154, 159, 160, 161
Skove, M.J. 166
Skove, M.J., 238
Smith, J.L. 75, 112, 114, 115, 120, 126, 129
Smith, M.E. 37
Smith, M.R. 270
Smith, P.J. 16
Smith, S.A. 251, 252
Smorchkova, I.P. 170
Smorchkova, I.P., 172
Soble, C. 241
Soghomonian, V. 241, 253
Somerset, J., 11
Song, Z. 22
Spada, F. 54
Stalcup, T.F. 31, 132, 165, 233, 234
Stewart, G.R. 121, 123, 130
Storhaug, V. 38, 54
Stormer, H.L. 188, 189
Storr, K. 187
Stracke, A. 64
Strunz, W. 149
Stull, J.R. 11
Su, T. 177
Su, X. 87
Suh, D.S. 162
Sullivan, N.S. 106, 107, 177
Suzuki, P.A. 81
Suzuki, T. 132
Swenson, C.A. 92, 102, 264, 265, 266
Syshchenko, A. 126, 131

T
Takabatake, A. 133
Takasaki, S. 146
Takegahara, K. 120
Takeyama, S. 194
Talham, D.R. 207
Tanaka, K.B. 137
Tanaka, S. 139
Tanner, D.B. 228
Tantillo, D.J. 135, 136
Taylor, P.C. 177
Taysing-Lara, M. 176
Teklu, A. 209
Telser, J. 48, 55
Terakura, C. 85, 164
Terashima, T. 85, 132, 163, 164
Tessema, G.X. 166, 208, 238
Thien, L. 61
Thomas, S. 130
Thompson, J.D. 113, 127, 227
Thurnauer, M. 13
Tian, C. 22, 42
Tian, F. 35, 254, 255
Tokumoto, M. 163
Tokunaga, M. 228
Toplosky, V.J. 260
Torelli, M. 116
Torelli, M.E. 127
Torikachvili, M. 112
Torikachvili, M.S. 81, 133, 227
Torres, D. 126
Tozer, S.W. 109, 179, 194, 260
Trociewitz, U.P. 103
Tsabba, Y. 80
Tsui, D.C. 185, 188, 189
Turnbull, M.M. 214
Twigg, P.D. 36

U
Uesawa, A. 132
Uji, S. 85, 132, 139, 164

V
Van Sciver, S.W.
257, 261, 267, 268, 269, 270
Van Tol, H. 12, 18
Van Tol, J. 45
Vanderlinde, O.H. 32
Vannini, C. 19
Vianelli, A. 19
Vining, B.A. 248
Viouchkov, Y. 104, 267
Vitkalov, S.A. 191, 192
Vonlanthen, P. 198
Vuillemin, J.J. 118, 209
Vyaselev, O.M. 75

W
Walsh, R. 257
Walsh, R.P. 92, 105, 260
Wang, F. 28
Wang, G. 36
Wang, H.H. 155
Wang, J. 35, 223
Wang, Y. 59, 66, 233
Wang, Y.J. 193, 217, 228
Wang, Z. 196
Washburn, S. 175
Watson, C.H. 44, 45
Webb, A. 241
Weber, H.W. 234
Webster, C.E. 38
Weekley, A. 242
Wei, X. 179, 180, 217
Weijers, H.W. 104, 267
Welp, U. 82
West, K.W. 188, 189
White, F.M. 27, 50
Whittenberger, F. 249
Wigger, M. 44
Williams, J.M. 87, 88, 155, 168
Winter, R.W. 168
Wirth, E.D. 247
Wischmeyer, F. 191
Withers, R. 241
Wojtowicz, T. 194
Wong, T. 101
Wosnitza, J. 87, 167, 168
Wright, A.F. 179
Wu, L. 28
Wudl, F. 137
Wylie, G.P. 36

X
Xia, J.S. 188, 237
Xie, J.P. 66
Xu, F. 56

Y
Yamada, J. 146
Yamaguchi, H. 228
Yang, G. 212
Yeh, A.S. 189
Yokoi, H. 194
Yoo, K.-w. 174
Young, D. 108, 116, 117, 209, 230
Young, J.B. 239
Yunoki, S. 230, 240

Z
Zachariah, C. 21
Zacher, M.G. 84
Zemsky, J. 26
Zhang, B. 195, 196
Zhang, Y. 95
Zhang, Y.-L. 28
Zhang, Z.-Y. 28
Zhang, Z.P. 87
Zheng, G.Q. 86
Zhu, Z. 217
Zibold, A. 228
Zindler, A. 64, 67, 69
Zink, B. 213
Zudov, M.A. 174
Zuo, F. 87, 88

PUBLICATIONS INDEX BY AUTHOR

APPENDIX C

A

Ablett, S. 285
Adair, J.H. 285
Adams, B.L. 284
Adams, E.D. 281, 292
Aeserud, D.J. 291
Aiken, G. 292
Alavi, B. 282
Almeida, M. 287
Amm, B.C. 281
Amm, K.M. 281, 288, 289
Amsler, B. 281
Amundson, R. 291, 292
Amzel, L.M. 289
Andersen, K. 289
Andrew, E.R. 281
Angerhofer, A. 281, 286, 291
Anzai H. 292
Aoki, H. 286, 291
Ardavan, A. 287, 292
Arko, A.J. 281
Arnason, S. 281
Aronson, M.S. 291
Arrigoni, E. 290
Asakura, T. 283
Asner, A. 290
Aubert, G. 282
Aubin, S.M.J. 281
Aust, V. 281

B

Bachman, H.N. 281
Baisden, W.T. 291
Balachandran, U. 292
Baldwin, K.W. 291
Balthes, E. 285
Baranov, N.V. 281
Barletta, W.A. 290
Baron, J. 292
Barra, A.L. 282
Barth, H.G. 283
Bartholomew, K. 292
Bartram, D.E. 289
Basov, D.N. 289
Baudouy, B. 282
Bauer, E.D. 284
Bell, N.S. 285
Benicewicz, B.C. 282
Benton, C.L. 290
Beyermann, W.P. 287
Bhargava, A. 292
Bird, M.D. 282, 284, 286
Biskup, N. 282
Blackband, S.J. 282
Blackstead, H.A. 282
Blinc, R. 283
Bodart, J.R. 282, 287
Bodenhausen, G. 284
Boenig, H. 284
Boenig, H.J. 291
Bogaerts, R. 292
Bogdanovich, S. 290
Bole, S. 282
Bolivar, J. 283, 285
Bonesteel, N.E. 288, 289
Bonora, A.L. 282
Bonora, M. 290
Booeshaghi, F. 282
Bornhäuser, F. 281
Boutemy, B.T. 286, 290, 291
Bowers, C.R. 282
Brandao, L. 282, 287
Bratt, P.J. 286
Braun, H.F. 293
Brooks, J.S.
282, 285, 286, 289, 291
Brooks, J.S., 286
Brown, S.E. 282
Brunel, L.-C.
281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291
Brustolon, M. 282, 290
Bubb, M.R. 291
Buckley, D.L. 282
Budko, S.A. 288
Bud'ko, S.L. 282, 287
Bui, J.D. 282
Burgin, T. 285, 286
Burkhardt, E.E. 282
Butler, L.G. 289
Bykov A. 282
Bykov, A.I. 289

C

Caballero, J. 283, 286
Caballero, J.A. 283
Cage, B. 283
Cain, B.D. 291
Campbell, L.J. 289, 291
Canfield, P.C. 282, 287, 288
Cao, G.
283, 285, 286, 288, 289, 290
Cao, X. 283
Capponi, S. 283
Cardieu, F.J. 292
Cevc, P. 283
Chang, H.-M. 283
Chang, H.C. 290
Chau, R. 284
Chen, J. 283, 288
Chen, L. 292
Chen, W. 286
Cheong, S-W. 292
Chernikov, M. 288
Childress, J.R. 283, 286, 287, 292
Cho, H. 286
Chou, L.K. 285
Choy, T.S. 283
Christou, G. 281
Clark, D. 282
Clark, E.C. 282
Clark, R.G. 282, 289
Clark, W.G. 282
Collings, E.W. 290
Cooper, S.L. 283, 292
Cooper, W.T. 283, 287
Cornelius, A.L. 290
Costello, C.E. 291
Cothern, J. 282
Cotten, M. 283
Cox, L.E. 281
Cross, T.A. 283, 287, 291, 292
Crow, J.E.
282, 283, 285, 288, 290

D

Dagotto, E 293
Dagotto, E. 283, 287, 289
Dahl, P.F. 290
Dahm, T. 290
Dahmen, K.H. 292
Dalal N.S. 283
Dalal, N.S. 284, 286, 289
Daly, D. 291
Darling, T. 290
Day, P. 289, 291, 292

de Campos, M.F. 283
De Keyser, A. 292
de Morais, E. 283
Debray, F. 282
Deckers, I. 291, 292
Dell'Orco, D. 290
Demura, M. 283
Desportes, H. 290
Detwiler, J. 282
Devore, D. 282
Devred, A. 290
Dhalenne, G. 287, 288
Dilley, N.R. 281, 284
Dingley, D. 284
Dixon, I.R. 292
Dobrosavljevic, V. 283, 290
Dobrowolska, M. 290
Dolotenko, M.I. 289
Dorsey, J.G. 283
Dou, S.X. 293
Dougherty, R.C. 292
Douglas, E.P. 282
Dow, J.D. 282
Dufresne, C.P. 283
Dunford, R.B. 283
Dur, O. 286
Duran, R.S. 282
Dzurak, A. 282

E

Earls, J.D. 282
Eaton, G.R. 284
Eaton, S.S. 284
Ebrahimi, F. 285
Edison, A.S. 291
Egungwu, O. 287
Ekern, S.P. 283
Emmett, M.R. 283, 284, 288, 292
Engel, L.W. 282, 283, 287, 289
Eustis, T.J. 292
Eyssa, Y.M. 282, 284, 286, 289

F

Facer, G.R. 289
Fajer P.G. 287
Fanucci, G.E. 284, 285
Felder, E. 288
Figueroa, E. 284
Fisk, Z.
281, 283, 284, 285, 286, 288, 289, 290, 291, 292
Foley, J.P. 283
Fonck, R.J. 289
Fowler, A.B. 289, 292
Fowler, C.M. 282, 289
Fravel, B. 286
Freeman, E.J. 284
Freibert, F. 290
Freitas, M.A. 284, 287
Frith, W.J. 285
Fu, R. 284
Furdyna, J.K. 290
Furukawa, N. 283, 293

G

Gaffney, B.J. 284, 289
Gajewski, D.A. 284
Gallas, M.R. 292
Gallegos, C.H. 289
Gallegos, S. 282
Gama, S. 283
Gao, B.J. 282, 284, 289
Garcia, B.M 282
Garmestani, H.
282, 284, 285, 292, 293
Garre, R. 290
Gatteschi, D. 282
Gazza, C. 287
Gee, P.J. 292
Geerts, W.J. 283
Genio, E.B. 284
Gerst, C. 285
Geserich, H.P. 293
Gibbs, D. 291
Gibbs, S.J. 285, 289
Gillman, E.S. 292
Godfrey, M.I. 286, 292
Goettee, J. D. 289
Goldberg, D.P. 287
Goldschmidt, D. 282
Gonzalez, E.J. 292
Gonzalez-Buxton, C. 284
Goodrich, R.G. 285
Goretta, K. 292
Gor'kov, L.P. 285, 290
Gottstein, G. 286, 288
Granado, E. 289
Granroth, G.E. 285
Gregory, E. 290
Greig, M.J. 289
Griffey, R.H. 289
Grover, M. 282
Grüninger, M. 293
Guan, S. 285, 287, 291, 292
Guan, Y. 286
Guertin, R.P. 283, 285, 288, 291
Guo, J.Q 287
Guo, Y.C.; 293

H

H.J., Schwartz, J. 281
Hafich, M.J. 282
Haga, Y. 291
Hai, G.Q. 285, 292
Haley, R.P. 281
Hall, D.W. 285
Hall, L.D. 285
Halperin, W.P. 281
Hamida, J.A. 285
Hammel, P.C. 291
Hammond, R.B. 290
Han, P.D. 292
Han, S.Y. 288
Han, Y. 286, 287
Hanke, W. 290
Hanlon, A.D. 285
Hansen, P. 285, 287
Hao, Y.D. 286, 287
Harden, J. 292
Hari, P. 285
Harris, K.E. 285
Harrison, N.
285, 286, 287, 288, 291, 292
Hartwich, G. 281
Hascicek, Y.S. 281, 286, 288, 292
Haslow, M.R. 288
Hassan, A.K. 286, 289
Hassenzahl, W. 290
Hathaway, T. 286, 289
Haufler, R.H. 281
Haycock, D.E. 285
He, Y. 287
Hebard, A.F. 281
Heinen, I. 285
Hendayana, S. 287
Hendrickson, C.L.
283, 284, 288, 289, 291, 292
Hendrickson, D.N. 281
Henning, P. 290
Heringhaus, F. 286, 288
Herlach, F. 287, 288, 291, 292
Hershfield, S.
281, 283, 286, 288, 290
Hettler, M.H. 286
Hickey, M.J. 286
Hill, S. 282, 286, 289, 291
Hirschfeld, P.J. 286, 287, 288
Hoffman, B.M. 287
Homans, M. 292
Hong, J. 286
Honold, M.M. 286, 291, 292
Hou, R. 286, 287
Hristova, D. 290, 291
Hsieh, Y. 286
Hu, J. 283, 293
Hu, Q.Y. 293
Hu, W. 283
Hulsbergen, F.B. 289
Hundley, M.F. 284, 290, 291

Huntington, T. 292
Hurst, A. 286

I

Ige, F. 287
Ihas, G.G. 284
Immer, C.D. 290
Ingersent, K. 284
Intrator, T.P. 289
Iyengar, K.S. 286

J

Jackson, G.S. 288
Jain, J.K. 289
Jalnin, B.V. 283
Jarre, M. 281
Jenson, M. 286
Joss, W. 282
Joyce, J.J. 281
Jung, K. 283, 286

K

Kalu, P. 282, 284, 286, 287
Kane, B.E. 282, 289
Kempka, M. 281
Kenney, W.J. 288
Ketchem, R.R. 287
Kim, H.S. 292
Kim, K. 287, 291
King, J.C. 282, 289
Kinsey, S. 289
Kioseoglou, G. 290
Kisvarsanyi, E.G. 287
Kiyoshi, T. 282
Kleinhammes, A. 281, 285
Klemme, B.J. 282
Klymachyov, A.N. 284
Knoll, D.C. 281, 288, 289
König, J. 287
Kopp, T. 293
Kotliar, G. 283, 290
Kravchenko, S.V. 290
Kresin, V.Z. 285
Kriesel, J. 287
Kriza, G. 282
Kroha, J. 286
Krzystek, J.
281, 284, 285, 287, 290, 291
Kübert, C. 287
Kuhns, P. 281, 282, 285, 286
Kurmoo, M. 286, 291, 292

L

Lacerda, A.H.
281, 282, 284, 287, 288, 289, 290, 291
Lambers, E. 286
Lamm, M. 290
Landgraf, F.J.G. 283
Langerak, C.J.G.M. 287, 292
Larbalestier, D. 290
Laude, D.A. 289
Laukamp, M. 287
Lavine, B.K. 287
Law, J.M. 284
Leach, G. 282
Leary, J. 287
Lee, J. 287
Lee, J.W. 283
Lehmann, M. 282
Lepcock, J.R. 286
Leroy, D. 290
Lesch, B.L. 289
Lewis, W. 282, 289
Li, C.-C. 283, 287
Li, G. 287
Li, G.-Z. 285, 287, 292
Li, H-Ch. 287
Li, J.C. 287
Li, J.N. 293
Li, K.P. 287, 292
Li, L. 286, 287, 288, 292
Li, M.-R. 286, 288
Li, W. 292
Li, Y.G. 286
Lima, K.A. 288
Lin, S. 284
Liu, H.K. 293
Liu, H.L. 292, 293
Locke, B.R. 289
Loffelbein, W. 286
Long V.C. 287
Long, V.C. 288
Lopez, A. 287
Lottin, J.C. 292
Luo, H. 290
Lyons, W. 292

M

Ma, G.M. 287
Machado, R. 283
MacMillan, F. 290
Maegava, S. 285
Majumdar, K. 288
Maki, S. 292
Malvezzi, A. 283, 287, 293
Mandrus, D. 284
Maniero, A.L. 282, 286, 288, 290
Maple, M.B. 284
Maples, M.B. 281
Markin, P.E. 281
Marriot, C. 285
Marsh, D. 284
Marshall, A.G.
283, 284, 285, 287, 288, 289,
291, 292, 293
Marshall, B. 282, 289
Martins, G.B. 283, 286, 287
Masur, L.J. 291
Matsunaga 281
Maverick, A.W. 289
McCall, S. 283, 285, 288
McCombe, B.D. 285, 292
McCormick, K.A. 291
McInturff, A.D. 290
McIntyre 290
McKenzie, R.H. 288
McKnight, R. 292
Megalini, M.L. 282
Meisel, M.W. 281, 284, 285
Melik-Alaverdian, V. 288, 289
Menovsky, A. 281
Merlic, C. 282
Mielke, C.H.
282, 285, 286, 287, 288, 291, 292
Migliori, A. 290
Miller, G.E. 288, 292
Miller, J.R. 284, 288, 290, 292
Minami, M. 283
Missell, F.P. 283
Mitrovic, V.F. 281
Miura, N. 282, 289
Mochena, M. 285
Modler, R. 290
Moerland, T.S. 289
Mohan, V. 289
Molodov, D.A. 288
Montenegro, F.C. 288
Montgomery, L.K. 285, 286
Morales, L. 281
Moreo, A. 283, 292, 293
Moulton, W.G. 281, 282, 285, 286
Movshovich, R. 290
Mueller, H.U. 287, 292
Murphy, T. 285
Musfeldt, J.L. 287, 288
Mutlu, I.H. 288

N

Nakagawa, H. 289
Nakamae, S. 288, 291
Nakatsuji, S. 292
Nakotte, H. 281
Nam, M.-S. 286
Neiva, A.C. 283
Ni, G.L. 286
Nicholas, R.J. 287, 292
Nick, H.S. 286

Nickel, H.A. 292
Noble, T.F. 283
Nyhus, P. 283

O

Obrucheva, E.V. 283
Ohl, M. 282
O'Malley, M. 291
Onishi, S. 283
O'Reilly, J. 286
Ortiz, F. 287
Ortiz, G. 288
Oseroff, S.B. 289
Osher, L. 292
Ott, H.R. 288

P

P.V.P.S.S., Sastry
281, 288, 289, 290, 291
Pagliuso, P.G. 289
Palm, E. 285
Pan, W. 291
Panek, J. 289
Pang, J.B. 287
Pardi, L. 281, 282, 286, 287, 288, 289, 291
Park, K. 289
Park, Y.D. 287
Pasimeni, L. 288
Payne, D.A. 292
Pearson, D. 289
Pearton, S.J. 283, 286, 287, 292
Peeters, F.M. 285, 292
Peng, Q.L. 286
Penke, B. 289
Penn, G. 282
Peplinska, B. 281
Perenboom, J.A.A.J.
282, 286, 289, 291
Pernambuco-Wise, P. 284, 289
Peterson, S.C. 281, 288, 289
Petroff, F. 283
Petrou, A. 290
Pfeiffer, L. 289, 291
Phelps, L. 282
Phillips, M.I. 282
Piermarini, G.J. 292
Pilla, S. 285
Pines, D. 284
Platonov, V. 282, 289
Poilblanc, D. 283
Pollak, F.H. 283
Popovic, D. 283, 287, 289, 292
Prasad, I. 291
Prestemon, S.O. 286
Priester, Jr., R.D. 282
Prigge, S.T. 289
Puchkov, A.V. 289
Pulling, D.P. 282

Q

Qian, X.R. 292
Qualls, J.S. 282, 285, 286, 288

R

Radomski, J. 281
Rami, R. 292
Ramirez, A.P. 290
Rao, D. 289
Reedijk, J. 289
Reich, S. 291
Reinders, P.H.P. 291
Reinhold, B.B. 291
Ren, F.L. 286, 287
Rettori, C.; Torriani 289
Revcolevschi, A. 287, 288
Reyes, A.P. 281
Rickel, D.G. 282, 285, 289, 291, 292
Rienders, P.H.P. 292
Riera, J. 283, 287, 289
Robinson, J.M. 289
Robinson, R. 284
Rodgers, R.P. 289
Rodrigues, D. 283
Rodriquez, P. J. 289
Rogers, J.D. 291
Rohrer, M. 290
Romero, S.A. 283
Rosenbaum, R.L. 290
Roux, B. 287
Rub, P. 282
Rutherford, A.W. 290

S

Sabin, J.R. 283
Sagnowski,S. 281
Sahm, P.R. 290, 291
Saito, N.H. 283
Sales, B.C. 284
Salib, M.S. 290
Salkola, M.I. 290
Salters, V.J.M. 290
Sandhu, P. 282
Sandvik, A. 290
Sanjuro, J.A. 289
Sarachik, M.P. 290
Sarrao, J.L. 281, 283, 284, 285, 286, 288, 289, 290, 291
Sarro J. 286
Scalapino, D.J. 290
Scanlan, R.M. 290
Schabel, M.C. 289
Schaff, W. 292
Scheer, H. 281
Schiff, S. 292
Schiller, A. 288, 290
Schillig, J.B. 291
Schmiedel, T. 288
Schmiedeshoff, G.M. 287
Schneider-Muntau, H.J. 281, 282, 284, 286, 289, 291, 292
Schollerer, G. 292
Schrieffer, J.R. 285, 290
Schwartz, J.
281, 282, 288, 289, 290, 291, 292
Schweitzer, D. 285
Segre, U. 282, 290
Sessoli, R. 282
Setz, S.M. 282
Shahar, D. 283, 287
Sharifi, F. 281, 287, 292
Shayegan, M. 283, 287
Shen, Z.-X. 289
Shepard, M. 290
Sheppard, M. 289
Shi, J.M. 292
Shi, S.D.-H. 283, 284, 291
Shintomi, T. 290
Shvarts, V. 281
Shvindlerman L.S. 288
Siefermann-Harms, D. 291
Siles, B.A. 283
Silverman, D.N. 286
Silverstone, H.J. 284
Simmons, J.A. 282
Simonian, D. 290
Simonsick, W.J. Jr. 291
Sims, J.R. 291
Singleton, J. 286, 287, 291, 292
Sloem, J.C. 289
Smith, J.L. 281
Smith, M.E. 282
Smith, M.R. 291
Soars, E.R. 290
Soghomonian, V.G. 283
Solouki, T. 291
Song, Z. 291
Sorgen, P.L. 291
Stalcup, T. 286
Startseva, T. 289
Stern, L.A. 291
Stormer, H.L. 291
Strunz, W. 285
Studart, N. 285
Suh, B.J. 291
Sullivan, N.S.
282, 283, 284, 285, 287, 291, 292

Sullow, S. 291
Sun, J. 286, 287
Suzuki, T. 291
Szczepanski, J. 283
Szczesniak, E. 281

T

Tabaka, L. 282
Tahvildarzadeh, A. 281
Tainer, J.A. 286
Takamasu, T. 289
Takashita, M. 286, 291
Takeda, M. 282
Talham, D.R. 284, 285
Tanaka, S. 292
Tanner, D.B. 293
Tatsenko, O.M. 282, 289
Taylor, P.C. 285
Teklu, A. 285
Telser, J. 287, 291
ten Kate, H. 290
Terakura, C. 286, 291
Terashima, T. 286, 291
Thiele, J.-V. 283
Thieme, C.L.H. 291
Thompson, J.D.
284, 285, 290, 291
Tian, F. 291
Tilley, D.T. 287
Timusk, T. 289
Tokumoto, M. 282
Torikachvili, M.S. 287, 288
Torriani, I. 289
Trociewitz, U.P. 290, 291
Trumbore, S. 292
Tsabba, Y. 291
Tsui, D.C. 283, 287, 291
Tu, C. 286
Twardowski, A. 290

U

Uesawa, A. 291
Uji, S. 286, 291
Uwatoko, Y. 290

V

Vaghar, M.R. 284
Vala, M. 283
Van Bockstal, L. 287, 288, 292
van de Pol, M.J. 287, 292
van der Meer, A.F.G. 287, 292
Van Sciver, S.W. 281,
282, 283, 286, 289, 291, 292
van Tol, H. 286
Veeser, L. 289
Vigliante, A. 291
Villas-Boas, V. 283
Vining, B.A. 292
von Molnar, S. 281
von Ortenberg, M. 292
Vuillemin, J.J. 285

W

Waller, E.A. 286
Walsh, R.P. 284, 288, 292
Wang, F. 292
Wang, J.J. 292
Wang, J.Y. 293
Wang, M.T. 286, 287
Wang, Y. 291, 292
Wang, Y.J. 285, 287, 292
Ward, B.H. 285
Washburn, S. 287, 289, 292
Wassenaar, L. 292
Weaver, M.L. 292
Wei, W. 290, 292
Weijers, H.W. 281, 286, 292
Weller, D. 283
Welton, S.J. 292
Wemple, M.W. 281
West, K.W. 289, 291
White, F.M. 283, 289
White, W.M. 290
Widder, W. 293
Winz, G.R. 289
Wipf, S. 290
Woelfle, P. 286, 288
Wolf, Th. 293
Wolters, Ch. 292
Wong-Ng, W. 292
Wood, T.D. 283
Wosnitza, J. 285
Wu, L. 292
Wu, X.G. 292

X

Xia, J.S. 281, 292
Xiao, L.Y. 281
Xu, F. 292
Xu, M. 292

Y

Yaguchi, H. 291, 292
Yamada, J. 292
Yatskar, A. 287
Yeh, A.S. 291
Yin, B.G. 286, 287
Yokoi, H. 289
Yoon, J. 287
Yoon, S. 283, 292
Yoshinari, Y. 291
Young, D.P. 285, 288
Yunoki, S. 283, 292, 293

Z

Zacher, M.G. 290
Zamborszky, F. 282
Zeng, R. 293
Zhang, J. 287
Zhang, L. 286
Zhang, Y.-L. 292
Zhang, Z. 293
Zhang, Z.-Y. 292
Zhao, G.Y. 286, 287
Zhao, Y. 289
Zhen, L.Q. 287
Zibold, A. 293
Zikry, M.A. 293