

Kazunari Yamaura

List of Publications by Year in descending order

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245
papers

5,747
citations

93792

39
h-index

129628

63
g-index

266
all docs

266
docs citations

266
times ranked

6547
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multiple magnetic transitions and complex magnetic behaviour of the perovskite manganite NdMn ₇ O ₁₂ . Journal of Solid State Chemistry, 2022, 309, 122969. | 1.4 | 1 |
| 2 | Melting of magnetic order in NaOsO_3 by femtosecond laser pulses. Physical Review B, 2022, 105, . | 1.1 | 0 |
| 3 | Magnetic properties and ferrimagnetic structures of Mn self-doped perovskite solid solutions (Ho _{1-x} Mnx)MnO ₃ . Journal of Alloys and Compounds, 2021, 857, 158230. | 2.8 | 3 |
| 4 | Ferrimagnetic and relaxor ferroelectric properties of R ₂ MnMn(MnTi ₃)O ₁₂ perovskites with R = Nd, Eu, and Gd. Journal of Materials Chemistry C, 2021, 9, 947-956. | 2.7 | 6 |
| 5 | Flux Crystal Growth, Crystal Structure, and Magnetic Properties of a Ternary Chromium Disulfide Ba ₉ Cr ₄ S ₁₉ with Unusual Cr ₄ S ₁₅ Tetramer Units. ACS Omega, 2021, 6, 6842-6847. | 1.6 | 0 |
| 6 | Magnetic Properties of S = 1/2 Distorted Kagome Antiferromagnet CdCu ₃ (OH) ₆ Cl ₂ with Low-Symmetry Orbital Arrangement. Journal of the Physical Society of Japan, 2021, 90, 044714. | 0.7 | 2 |
| 7 | Temperature evolution of 3d- and 4f-electron magnetic ordering in the ferrimagnetic Mn self-doped perovskite (Yb _{0.667} Mn _{0.333})MnO ₃ . Journal of Physics Condensed Matter, 2021, 33, 205804. | 0.7 | 3 |
| 8 | Low-temperature transport properties of doped $\text{BaMn}_{0.57}\text{K}_{0.43}\text{Fe}$ superconductors in high magnetic field. Physical Review B, 2021, 103, . | 1.1 | 0 |
| 9 | Antiferromagnetic Order Breaks Inversion Symmetry in a Metallic Double Perovskite, Pb ₂ NiOsO ₆ . Chemistry of Materials, 2021, 33, 4188-4195. | 3.2 | 8 |
| 10 | Magnetic properties of the Shastry-Sutherland lattice material $\text{BaNd}_{0.2}\text{Mn}_{0.8}$. Physical Review Materials, 2021, 5, . | 1.1 | 0 |
| 11 | Probing spin fluctuations in NaOsO ₃ by muon spin rotation and NMR spectroscopy. Journal of Physics Condensed Matter, 2021, 33, 335802. | 0.7 | 0 |
| 12 | NMR investigations toward understanding the variety of ground states in iron-based superconductors. Journal of Physics: Conference Series, 2021, 1975, 012008. | 0.3 | 0 |
| 13 | Strongly correlated electrons in the ferroelectric metal LiOsO_3 . Physical Review B, 2021, 104, . | 1.1 | 2 |
| 14 | La ₃ Ga ₃ Ge ₂ S ₃ O ₁₀ : An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anion-Directed Band Gap Engineering. Angewandte Chemie, 2021, 133, 26765-26769. | 1.6 | 13 |
| 15 | La ₃ Ga ₃ Ge ₂ S ₃ O ₁₀ : An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anion-Directed Band Gap Engineering. Angewandte Chemie - International Edition, 2021, 60, 26561-26565. | 7.2 | 37 |
| 16 | A-site-ordered quadruple perovskite manganite CeMn ₇ O ₁₂ with trivalent cations. Journal of Solid State Chemistry, 2020, 283, 121161. | 1.4 | 8 |
| 17 | Static and dynamic spin properties in the quantum triangular lattice antiferromagnet AgMn_2S_3 . Physical Review B, 2020, 102, . | 1.1 | 0 |
| 18 | Aberrant electronic and structural alterations in pressure tuned perovskite NaOsO ₃ . Npj Quantum Materials, 2020, 5, . | 1.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Emergence of a Magnetostructural Dipolar Glass in the Quadruple Perovskite DyO_{12} . Physical Review Letters, 2020, 125, 097601. | 2.9 | 4 |
| 20 | Magnetically driven loss of centrosymmetry in metallic PbO . Physical Review B, 2020, 102, . | 1.2 | 10 |
| 21 | Coupled magnetic and structural phase transitions in the antiferromagnetic polar metal PbO under pressure. Physical Review B, 2020, 102, . | 1.1 | 5 |
| 22 | Magnetically induced metal-insulator transition in PbO . Physical Review B, 2020, 102, . | 1.2 | 10 |
| 23 | High-pressure synthesis of the highest ferrimagnetic oxide Sr_2O_6 . Physical Review B, 2020, 102, . | 1.1 | 13 |
| 24 | High-pressure synthesis, crystal structure, and magnetic properties of the Shastry-Sutherland-lattice oxides $\text{BaLn}_2\text{ZnO}_5$ (Ln = Pr, Sm, Eu). Journal of Solid State Chemistry, 2020, 289, 121489. | 1.4 | 10 |
| 25 | Room-temperature polar metal stabilized under high pressure. Physical Review B, 2020, 101, . | 1.1 | 8 |
| 26 | High-Pressure Synthesis, Crystal Structures, and Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{NaRMn}_2\text{Ti}_4\text{O}_{12}$ with R = Sm, Eu, Gd, Dy, Ho, Y. Inorganic Chemistry, 2020, 59, 9065-9076. | 1.9 | 10 |
| 27 | Origin of negative magnetization phenomena in $(\text{Tm}_{1-x}\text{Mn}_x)\text{MnO}_3$: A neutron diffraction study. Physical Review B, 2020, 101, . | 1.1 | 8 |
| 28 | Flux Crystal Growth, Crystal Structure, and Optical Properties of New Germanate Garnet $\text{Ce}_2\text{CaMg}_2\text{Ge}_3\text{O}_{12}$. Frontiers in Chemistry, 2020, 8, 91. | 1.8 | 1 |
| 29 | Study of Polycrystalline Bulk Sr_3OsO_6 Double-Perovskite Insulator: Comparison with 1000 K Ferromagnetic Epitaxial Films. Inorganic Chemistry, 2020, 59, 4049-4057. | 1.9 | 9 |
| 30 | Flux Crystal Growth, Structure, and Optical Properties of the New Germanium Oxysulfide $\text{La}_4(\text{GeS}_2\text{O}_2)_3$. Crystal Growth and Design, 2020, 20, 4054-4061. | 1.4 | 4 |
| 31 | High-pressure synthesis, crystal structures, and magnetic and dielectric properties of GdFeO_3 -type perovskites $(\text{Dy}_{0.5}\text{Mn}_{0.5})(\text{Mn}_{1-x}\text{Ti}_x)\text{O}_3$ with $x = 0.5$ and 0.75 . Journal of Alloys and Compounds, 2020, 825, 154019. | 2.8 | 6 |
| 32 | Fluorination and reduction of CaCrO_3 by topochemical methods. Dalton Transactions, 2020, 49, 1997-2003. | 1.6 | 3 |
| 33 | Electronic properties of perovskite strontium chromium oxyfluoride epitaxial thin films fabricated via low-temperature topotactic reaction. Physical Review Materials, 2020, 4, . | 0.9 | 5 |
| 34 | Evidence for an extended critical fluctuation region above the polar ordering transition in LiOsO_3 . Physical Review Research, 2020, 2, . | 1.3 | 5 |
| 35 | From antiferromagnetism to high-weak ferromagnetism manipulated by atomic rearrangement in $\text{Ba}_3\text{Mn}_2\text{Sb}_2\text{O}_{14}$. Physical Review Materials, 2020, 4, . | 0.9 | 2 |
| 36 | Effects of magnetic dilution in the ferrimagnetic columnar-ordered $\text{MnMnMn}_4\text{O}_{12}$. Physical Review B, 2020, 101, . | 1.1 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Nature of the magnetism of iridium in the double perovskite $\text{SrIr}_2\text{O}_{12}$. Physical Review B, 2019, 100, . | | |
| 38 | Evidence for the weakly coupled electron mechanism in an Anderson-Blount polar metal. Nature Communications, 2019, 10, 3217. | 5.8 | 36 |
| 39 | Spin-Glass Magnetic Properties of A-Site Columnar-Ordered Quadruple Perovskites $\text{Y}_2\text{MnCa}(\text{Mn}_{4-x}\text{Ga}_x)\text{O}_{12}$ with $0 \leq x \leq 3$. Inorganic Chemistry, 2019, 58, 14830-14841. | 1.9 | 7 |
| 40 | Synthesis, structure, and magnetic and dielectric properties of magnetoelectric BaDyFeO_4 ferrite. Journal of Alloys and Compounds, 2019, 811, 151963. | 2.8 | 8 |
| 41 | High-temperature iron phosphide superconductivity enhanced by reemergent antiferromagnetic spin fluctuations in $\text{Sr}_2\text{Fe}_2\text{P}_2\text{O}_{14}$. Physical Review B, 2019, 100, . | 1.1 | 6 |
| 42 | Stepwise topochemical fluorination of SrCrO_3 perovskite via a super-structured oxide. Chemical Communications, 2019, 55, 7239-7242. | 2.2 | 4 |
| 43 | Crystal structure and magnetic properties of A-site-ordered quadruple perovskite $\text{CeCu}_3\text{Cr}_4\text{O}_{12}$. Journal of Alloys and Compounds, 2019, 793, 42-48. | 2.8 | 9 |
| 44 | Anomalous behavior of the quasi-one-dimensional quantum material Na_2OsO_4 at high pressure. Materials Today Physics, 2019, 8, 18-24. | 2.9 | 2 |
| 45 | Crystal structures of cation non-stoichiometric RMn_3O_6 ($\text{R} = \text{Gd, Er, and Tm}$) manganites belonging to A-site columnar-ordered quadruple perovskite family. Journal of Solid State Chemistry, 2019, 275, 43-48. | 1.4 | 5 |
| 46 | Magnetic structure and spin-flop transition in the A-site columnar-ordered quadruple perovskite $\text{TmMn}_3\text{O}_{12}$. Physical Review B, 2019, 99, . | 1.1 | 14 |
| 47 | High-pressure synthesis, crystal structure, and magnetic properties of hexagonal $\text{Ba}_3\text{CuOs}_2\text{O}_9$. Journal of Solid State Chemistry, 2019, 272, 182-188. | 1.4 | 4 |
| 48 | Valence Variations by B-Site Doping in A-Site Columnar-Ordered Quadruple Perovskites $\text{Sm}_2\text{MnMn}(\text{Mn}_4\text{Ti})\text{O}_{12}$ with $1 \leq x \leq 3$. Inorganic Chemistry, 2019, 58, 3492-3501. | 1.9 | 14 |
| 49 | Displacive structural phase transitions and the magnetic ground state of quadruple perovskite $\text{YMn}_7\text{O}_{12}$. Physical Review B, 2019, 99, . | 1.1 | 12 |
| 50 | Room-temperature ferrimagnetism of anti-site-disordered $\text{CaMn}_2\text{MnO}_6$. Physical Review Materials, 2019, 3, . | 0.9 | 16 |
| 51 | Synthesis, Crystal Structure, and Optical Properties of Layered Perovskite Scandium Oxychlorides: $\text{Sr}_2\text{ScO}_3\text{Cl}$, $\text{Sr}_3\text{Sc}_2\text{O}_5\text{Cl}_2$, and $\text{Ba}_3\text{Sc}_2\text{O}_5\text{Cl}_2$. Inorganic Chemistry, 2018, 57, 5615-5623. | 1.9 | 8 |
| 52 | Mn Self-Doping of Orthorhombic RMnO_3 Perovskites: ($\text{R} = \text{Sr}, \text{Ba}$) $\text{Mn}_{0.667}\text{Mn}_{0.333}\text{O}_3$ with $\text{R} = \text{Er, Lu}$. Inorganic Chemistry, 2018, 57, 2773-2781. | 1.9 | 14 |
| 53 | Charge and orbital orders and structural instability in high-pressure quadruple perovskite $\text{CeCuMn}_6\text{O}_{12}$. Journal of Physics Condensed Matter, 2018, 30, 074003. | 0.7 | 2 |
| 54 | High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites $\text{RMn}_7\text{O}_{12}$ ($\text{R} = \text{Sm, Eu, Gd, and Tb}$). Inorganic Chemistry, 2018, 57, 5987-5998. | 1.9 | 20 |

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| 55 | Growth of Black Phosphorus Nanobelts and Microbelts. <i>Small</i> , 2018, 14, 1702501. | 5.2 | 18 |
| 56 | Crystal and Magnetic Structures and Properties of $(\text{Lu}_{1-x}\text{Mn}_x)_3\text{MnO}_3$ Solid Solutions. <i>Inorganic Chemistry</i> , 2018, 57, 14073-14085. | 1.9 | 14 |
| 57 | Direct observation of electron density reconstruction at the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 98, . | | 7 |
| 58 | Magnetic structures of the rare-earth quadruple perovskite manganites $\text{R}_{12}\text{MnO}_{12}$. <i>Physical Review B</i> , 2018, 98, . | 1.1 | 23 |
| 59 | High-Pressure Phase Relations and Crystal Structures of Postspinel Phases in MgV_2O_4 , FeV_2O_4 , and MnCr_2O_4 : Crystal Chemistry of AB_2O_4 Postspinel Compounds. <i>Inorganic Chemistry</i> , 2018, 57, 6648-6657. | 1.9 | 14 |
| 60 | Evolution of the Magnetic Excitations in NaOsO_3 through its Metal-Insulator Transition. <i>Physical Review Letters</i> , 2018, 120, 227203. | 2.9 | 19 |
| 61 | Crossover from itinerant to localized magnetic excitations through the metal-insulator transition in NaOsO_3 . <i>Physical Review B</i> , 2018, 97, . | 1.1 | 15 |
| 62 | Intrinsic Triple Order in $\text{A}_2\text{B}_2\text{O}_8$ Ordered Quadruple Perovskites: Proof of Concept. <i>ChemPhysChem</i> , 2018, 19, 2449-2452. | 1.0 | 14 |
| 63 | Pressure-induced enhancement of non-polar to polar transition temperature in metallic LiOsO_3 . <i>Applied Physics Letters</i> , 2018, 113, . | 1.5 | 21 |
| 64 | High-Pressure Synthesis, Crystal Structure, and Semimetallic Properties of HgPbO_3 . <i>Inorganic Chemistry</i> , 2018, 57, 7601-7609. | 1.9 | 1 |
| 65 | Strongly gapped spin-wave excitation in the insulating phase of NaOsO_3 . <i>Physical Review B</i> , 2017, 95, . | 1.1 | 24 |
| 66 | Five-Fold Ordering in High-Pressure Perovskites RMn_3O_6 ($\text{R} = \text{Gd-Tm}$ and Y). <i>Inorganic Chemistry</i> , 2017, 56, 5210-5218. | 1.9 | 29 |
| 67 | A layered wide-gap oxyhalide semiconductor with an infinite ZnO_2 square planar sheet: $\text{Sr}_2\text{ZnO}_2\text{Cl}_2$. <i>Chemical Communications</i> , 2017, 53, 3826-3829. | 2.2 | 13 |
| 68 | Complex Structural Behavior of $\text{BiMn}_7\text{O}_{12}$ Quadruple Perovskite. <i>Inorganic Chemistry</i> , 2017, 56, 12272-12281. | 1.9 | 23 |
| 69 | Electrically insulating properties of the 5d double perovskite Sr_2YO_6 . <i>Journal of Applied Physics</i> , 2017, 122, 103905. | 1.1 | 0 |
| 70 | Nematic superconducting state in iron pnictide superconductors. <i>Nature Communications</i> , 2017, 8, 1880. | 5.8 | 33 |
| 71 | Interplay of spin-orbit coupling and hybridization in $\text{CaMn}_3\text{O}_{10}$ and $\text{CaMn}_3\text{O}_{11}$. <i>Physical Review B</i> , 2017, 96, . | 1.1 | 12 |
| 72 | Large negative magnetoresistance of a nearly Dirac material: Layered antimonide EuMnSb_2 . <i>Physical Review B</i> , 2017, 96, . | 1.1 | 50 |

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|----|--|-----|-----------|
| 73 | Magnetic and Structural Studies of Sc Containing Ruthenate Double Perovskites A_2ScRu_6 ($A = Ba, Sr$). Inorganic Chemistry, 2017, 56, 9009-9018. | 1.9 | 21 |
| 74 | Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo ₂ Ga ₈ . Npj Quantum Materials, 2017, 2, . | 1.8 | 27 |
| 75 | Spin-Orbit Coupling Controlled J Electronic Ground State in $BaNiO_3$. Physical Review Letters, 2017, 118, 077201. | 2.9 | 31 |
| 76 | Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253. | 1.6 | 21 |
| 77 | Fluorescent and Magnetic Mesoporous Hybrid Material: A Chemical and Biological Nanosensor for Hg ₂ ⁺ Ions. Scientific Reports, 2016, 6, 21820. | 1.6 | 13 |
| 78 | Phase transitions in strontium perovskites. Studies of SrOsO ₃ compared to other 4d and 5d perovskites. Journal of Solid State Chemistry, 2016, 237, 27-31. | 1.4 | 12 |
| 79 | Progress in nonmagnetic impurity doping studies on Fe-based superconductors. Superconductor Science and Technology, 2016, 29, 053001. | 1.8 | 12 |
| 80 | High-Pressure Synthesis, Crystal Structure, and Magnetic Properties of Sr ₂ MnO ₃ F: A New Member of Layered Perovskite Oxyfluorides. Inorganic Chemistry, 2016, 55, 2627-2633. | 1.9 | 25 |
| 81 | Short review of high-pressure crystal growth and magnetic and electrical properties of solid-state osmium oxides. Journal of Solid State Chemistry, 2016, 236, 45-54. | 1.4 | 14 |
| 82 | Fragility of ferromagnetic double exchange interactions and pressure tuning of magnetism in perovskite Sr ₂ Co ₂ O ₇ . Physical Review Letters, 2016, 116, 077201. | 1.1 | 35 |
| 83 | Experimental observation of multiple-Q states for the magnetic skyrmion lattice and skyrmion excitations under a zero magnetic field. Physical Review B, 2015, 92, . | 1.1 | 11 |
| 84 | High upper critical fields of superconducting Ca ₁₀ (Pt ₄ As ₈)(Fe _{1.8} Pt _{0.2} As ₂) ₅ whiskers. Applied Physics Letters, 2015, 106, 262601. | 1.5 | 4 |
| 85 | Structure and cation distribution in perovskites with small cations at the A site: the case of ScCoO ₃ . Science and Technology of Advanced Materials, 2015, 16, 024801. | 2.8 | 10 |
| 86 | Enhanced spin-phonon-electronic coupling in a 5d oxide. Nature Communications, 2015, 6, 8916. | 5.8 | 45 |
| 87 | High-pressure high-temperature transitions in MgCr ₂ O ₄ and crystal structures of new Mg ₂ Cr ₂ O ₅ and post-spinel MgCr ₂ O ₄ phases with implications for ultrahigh-pressure chromitites in ophiolites. American Mineralogist, 2015, 100, 59-65. | 0.9 | 43 |

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| 91 | High-Pressure Synthesis, Crystal Structures, and Magnetic Properties of 5d Double-Perovskite Oxides $\text{Ca}_2\text{MgOsO}_6$ and $\text{Sr}_2\text{MgOsO}_6$. <i>Inorganic Chemistry</i> , 2015, 54, 3422-3431. | 1.9 | 61 |
| 92 | High-pressure synthesis, crystal structure and magnetic properties of TlCrO_3 perovskite. <i>Dalton Transactions</i> , 2015, 44, 10785-10794. | 1.6 | 16 |
| 93 | Local destruction of superconductivity by non-magnetic impurities in mesoscopic iron-based superconductors. <i>Nature Communications</i> , 2015, 6, 7614. | 5.8 | 19 |
| 94 | Growth, structural, optical, electrical and mechanical studies on urea phthalic acid single crystals. <i>Optik</i> , 2015, 126, 981-984. | 1.4 | 9 |
| 95 | Size dependence of structural, magnetic, and electrical properties in corundum-type Ti_2O_3 nanoparticles showing insulator-metal transition. <i>Journal of Asian Ceramic Societies</i> , 2015, 3, 325-333. | 1.0 | 27 |
| 96 | Unusual magnetic hysteresis and the weakened transition behavior induced by Sn substitution in Mn_3SbN . <i>Journal of Applied Physics</i> , 2014, 115, 043509. | 1.1 | 10 |
| 97 | Dependence of the flux-creep activation energy on current density and magnetic field for a $\text{Ca}_{10}(\text{Pt}_3\text{As}_8)[(\text{Fe}_1\text{As})_2\text{As}_2]_5$ single crystal. <i>Applied Physics Letters</i> , 2014, 104, . | 1.5 | 8 |
| 98 | High-pressure synthesis, crystal structure, and magnetic properties of KSbO_3 -type 5d oxides $\text{K}_{0.84}\text{OsO}_3$ and $\text{Bi}_{2.93}\text{Os}_3\text{O}_{11}$. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 064901. | 2.8 | 12 |
| 99 | High-pressure transitions in NaZnF_3 and NaMnF_3 perovskites, and crystal-chemical characteristics of perovskite-postperovskite transitions in ABX_3 fluorides and oxides. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 228, 160-169. | 0.7 | 16 |
| 100 | Superconductivity of $\text{Y-MoCo}_{0.75}$ synthesized at 17GPa. <i>Solid State Communications</i> , 2014, 177, 33-35. | 0.9 | 7 |
| 101 | The charge carrier localization in the cubic perovskite BaOsO_3 revealed by an optical study. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 435601. | 0.7 | 5 |
| 102 | New members of layered oxychloride perovskites with square planar coordination: $\text{Sr}_2\text{MO}_2\text{Cl}_2$ (M = Ti, Ta, Nb, Ta, Nb, Ta, Nb). <i>Journal of Solid State Chemistry</i> , 2014, 263, 29-32. | 0.2 | 29 |
| 103 | Synthesis, Crystal Structure, and Electronic Properties of High-Pressure PdF_2 -Type Oxides MO_2 (M = Ru, Rh, Os, Ir, Pt). <i>Inorganic Chemistry</i> , 2014, 53, 11616-11625. | 1.9 | 25 |
| 104 | Crystal Growth, Structural, Electrical, and Magnetic Properties of Mixed-Valent Compounds $\text{YbOs}_2\text{Al}_{10}$ and $\text{LuOs}_2\text{Al}_{10}$. <i>Inorganic Chemistry</i> , 2014, 53, 4387-4393. | 1.9 | 8 |
| 105 | Magnetic, thermodynamic, and electrical transport properties of the noncentrosymmetric germanides MnGe and CoGe . <i>Physical Review B</i> , 2014, 90, . | 1.1 | 25 |
| 106 | Anion Order-to-Disorder Transition in Layered Iron Oxyfluoride $\text{Sr}_2\text{FeO}_3\text{F}$ Single Crystals. <i>Crystal Growth and Design</i> , 2014, 14, 4278-4284. | 1.4 | 15 |
| 107 | Impurity effects on the normal-state transport properties of $\text{Ba}_{1-x}\text{K}_x\text{FeAs}_2$. <i>Physical Review B</i> , 2014, 90, . | 1.1 | 25 |
| 108 | Depairing current density of $\text{Ba}_{0.5}\text{K}_{0.5}\text{Fe}_{1.95}\text{Co}_{0.05}\text{As}_2$ microbridges with nanoscale thickness. <i>Physica C: Superconductivity and Its Applications</i> , 2014, 503, 101-104. | 0.6 | 0 |

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| 109 | Bulk compound synthesis and oxygen deficiency effect on electronic and magnetic properties of the Zn-based oxyarsenide LaZnAsO_{1-x} . <i>Journal of Alloys and Compounds</i> , 2014, 582, 241-245. | 2.8 | 6 |
| 110 | High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite $\text{Ca}_2\text{FeOsO}_6$. <i>Journal of the American Chemical Society</i> , 2014, 136, 3326-3329. | 6.6 | 122 |
| 111 | High-pressure synthesis, crystal structure and magnetic properties of double perovskite oxide $\text{Ba}_2\text{CuOsO}_6$. <i>Journal of Solid State Chemistry</i> , 2014, 217, 9-15. | 1.4 | 20 |
| 112 | The Unusual Resistivity Behavior and Correlated Magnetic Properties of Antiperovskite $\text{Mn}_3\text{Ag}_2\text{M}_2\text{N}$ ($\text{M} = \text{Sn, Zn}$) Compounds. <i>Science of Advanced Materials</i> , 2014, 6, 1394-1398. | 0.1 | 3 |
| 113 | Direct observation of the depairing current density in single-crystalline $\text{Ba}_{0.5}\text{K}_{0.5}\text{Fe}_2\text{As}_2$ microbridge with nanoscale thickness. <i>Applied Physics Letters</i> , 2013, 103, . | 1.5 | 23 |
| 114 | High-Pressure Synthesis of 5d Cubic Perovskite BaOsO_3 at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series. <i>Journal of the American Chemical Society</i> , 2013, 135, 16507-16516. | 6.6 | 58 |
| 115 | Extended Ni(III) Oxyhalide Perovskite Derivatives: $\text{Sr}_2\text{NiO}_3\text{X}$ ($\text{X} = \text{F, Cl, Br, I}$) <i>Tj ETQq</i> 1.1 0.7843 14 rgBT 1.9 41 | 1.9 | 41 |
| 116 | Synthesis, Structure, and Magnetic Properties of a New Double Perovskite $\text{Ca}_2\text{InOsO}_6$. <i>Physics Procedia</i> , 2013, 45, 117-120. | 1.2 | 16 |
| 117 | High-pressure crystal growth and electromagnetic properties of 5d double-perovskite Ca_3OsO_6 . <i>Journal of Solid State Chemistry</i> , 2013, 201, 186-190. | 1.4 | 21 |
| 118 | A ferroelectric-like structural transition in a metal. <i>Nature Materials</i> , 2013, 12, 1024-1027. | 13.3 | 343 |
| 119 | Crystal structure and magnetic properties and Zn substitution effects on the spin-chain compound $\text{Sr}_3\text{Co}_2\text{O}_6$. <i>Journal of Solid State Chemistry</i> , 2013, 204, 40-46. | 1.4 | 4 |
| 120 | Substitution Effects of Calcium in Antiferromagnetic $\text{Yb}_2\text{Fe}_3\text{Si}_5$. <i>Physics Procedia</i> , 2013, 45, 113-116. | 1.2 | 1 |
| 121 | Metal-insulator transition in Na-doped post-spinel CdRh_2O_4 . <i>Journal of Alloys and Compounds</i> , 2013, 563, 119-123. | 2.8 | 6 |
| 122 | Quasi-periodic magnetic flux jumps in the superconducting state of $\text{Ba}_{0.5}\text{K}_{0.5}\text{Fe}_{1.9}\text{M}_{0.1}\text{As}_2$ ($\text{M} = \text{Fe, Co}$) <i>Tj ETQq</i> 0.0 0 rgBT 0.6 3 | 0.6 | 3 |
| 123 | High pressure synthesis, crystal structure, and magnetic properties of the double-perovskite $\text{Sr}_2\text{FeOsO}_6$. <i>High Pressure Research</i> , 2013, 33, 221-228. | 0.4 | 20 |
| 124 | Carbon-Induced Ferromagnetism in the Antiferromagnetic Metallic Host Material Mn_3ZnN . <i>Inorganic Chemistry</i> , 2013, 52, 800-806. | 1.9 | 19 |
| 125 | Superconductivity in Bismuth Oxysulfide $\text{Bi}_4\text{O}_4\text{S}_3$. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074703. | 0.7 | 18 |
| 126 | Optical and Magnetic Studies of Electrospun Mn-Doped SnO_2 ; Hollow Nanofiber Dilute Magnetic Semiconductor. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5391-5400. | 0.9 | 13 |

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| 127 | Effect in optimally doped single-crystal $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Scientific Reports, 2013, 3, 2990. | 1.1 | 14 |
| 128 | Infrared evidence of a Slater metal-insulator transition in NaOsO_3 . Scientific Reports, 2013, 3, 2990. | 1.6 | 35 |
| 129 | Thermodynamic, Electromagnetic, and Lattice Properties of Antiperovskite Mn_3SbN . Advances in Condensed Matter Physics, 2013, 2013, 1-5. | 0.4 | 3 |
| 130 | Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn_3ZnN . Applied Physics Letters, 2012, 100, 112401. | 1.5 | 24 |
| 131 | Continuous magnetic phase transition in non-frustrated $\text{Ca}_2\text{Os}_2\text{O}_7$. Physical Review Letters, 2012, 108, 257209. | 1.1 | 6 |
| 132 | Magnetically Driven Metal-Insulator Transition in NaOsO_3 . Physical Review Letters, 2012, 108, 257209. | 2.9 | 115 |
| 133 | Phase transition with gradual hydrogen doping in $\text{LaFeAsO}_{1-x}\text{H}_x$. Physical Review Letters, 2012, 108, 257209. | | |

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