

Jian-Zhong Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2157103/publications.pdf>

Version: 2024-02-01

132
papers

3,868
citations

109321

35
h-index

144013

57
g-index

132
all docs

132
docs citations

132
times ranked

4708
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Correlation Between Viscosity and Local Atomic Structure in Liquid Zr ₅₆ Co ₂₈ Al ₁₆ Alloy. <i>Microgravity Science and Technology</i> , 2022, 34, 1. | 1.4 | 2 |
| 2 | Short-range order controlling atomic dynamics in Y-based metallic glasses. <i>Physical Review B</i> , 2022, 105, . | 3.2 | 3 |
| 3 | Ultrahigh specific hardness of Co-Ni-V-Al medium entropy alloy thin films. <i>Materials Today Communications</i> , 2022, 31, 103447. | 1.9 | 0 |
| 4 | Extra plasticity governed by shear band deflection in gradient metallic glasses. <i>Nature Communications</i> , 2022, 13, 2120. | 12.8 | 27 |
| 5 | β -Relaxation and Crystallization Behaviors in a Pulse-Current-Thermoplastic-Formed La-Based Bulk Metallic Glass. <i>Journal of Physical Chemistry B</i> , 2021, 125, 657-664. | 2.6 | 5 |
| 6 | Temperature-Induced Structural Changes in the Liquid GaInSn Eutectic Alloy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7413-7420. | 3.1 | 8 |
| 7 | Anomalous fast atomic dynamics in bulk metallic glasses. <i>Materials Today Physics</i> , 2021, 17, 100351. | 6.0 | 4 |
| 8 | Production of Uniformly Sized Gallium-Based Liquid Alloy Nanodroplets via Ultrasonic Method and Their Li-Ion Storage. <i>Materials</i> , 2021, 14, 1759. | 2.9 | 9 |
| 9 | Fabrication and optical behavior of AuCuSi amorphous alloy film. <i>Nanotechnology</i> , 2021, 32, 335702. | 2.6 | 2 |
| 10 | Structural rejuvenation in a Zr-based bulk metallic glass via electropulsing treatment. <i>Applied Physics Letters</i> , 2021, 119, . | 3.3 | 5 |
| 11 | A dual-phase alloy with ultrahigh strength-ductility synergy over a wide temperature range. <i>Science Advances</i> , 2021, 7, . | 10.3 | 61 |
| 12 | A Self-Healing Anode for Li-Ion Batteries by Rational Interface Modification of Room-Temperature Liquid Metal. <i>ACS Applied Energy Materials</i> , 2021, 4, 12224-12231. | 5.1 | 18 |
| 13 | Pressure-induced atomic packing change in Pd ₃₇ Ni ₃₇ S ₂₆ metallic glass. <i>Acta Materialia</i> , 2021, 216, 117116. | 7.9 | 3 |
| 14 | Different Thermal Responses of Local Structures in Pd ₄₃ Cu ₂₇ Ni ₁₀ P ₂₀ Alloy from Glass to Liquid. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19817-19828. | 3.1 | 5 |
| 15 | Contribution of cryogenic thermal cycling to the atomic dynamics in a La-based bulk metallic glass with different initial states. <i>Journal of Applied Physics</i> , 2020, 127, . | 2.5 | 4 |
| 16 | Novel Magnetic Field Modulation Concept Using Multiferroic Heterostructure for Magnetoresistive Sensors. <i>Sensors</i> , 2020, 20, 1440. | 3.8 | 9 |
| 17 | Phase Selection, Lattice Distortions, and Mechanical Properties in High-Entropy Alloys. <i>Advanced Engineering Materials</i> , 2020, 22, 2000466. | 3.5 | 59 |
| 18 | Aging Behaviors in a La-Based Metallic Glass Revealed by Two-Time Correlation Functions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22753-22760. | 3.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Temperature-induced structural evolution in liquid Ag-Ga alloys. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 1 |
| 20 | Structural evolution in liquid GaIn eutectic alloy under high temperature and pressure. <i>Journal of Applied Physics</i> , 2019, 126, . | 2.5 | 6 |
| 21 | Temperature Dependences of Peak Positions in Pair Distribution Function of Metallic Liquids. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7055-7060. | 2.6 | 7 |
| 22 | Powerâ€“Law Feature of Structure in Metallic Glasses. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27868-27874. | 3.1 | 4 |
| 23 | Temperature- and Pressure-Induced Polyamorphic Transitions in AuCuSi Alloy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20342-20350. | 3.1 | 8 |
| 24 | Broadband Optical Absorber Based on Nanopatterned Metallic Glass Thin Films. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6055-6060. | 4.6 | 3 |
| 25 | Temperature-Dependent Structural Evolution in Au ₄₄ Ga ₅₆ Liquid Eutectic Alloy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25209-25219. | 3.1 | 10 |
| 26 | Surface Tension and Viscosity of Cu50Zr50 Measured by the Oscillating Drop Technique on Board the International Space Station. <i>Microgravity Science and Technology</i> , 2019, 31, 177-184. | 1.4 | 35 |
| 27 | Identifying surface structural changes in a newly-developed Ga-based alloy with melting temperature below 10â€“Â°C. <i>Applied Surface Science</i> , 2019, 492, 143-149. | 6.1 | 21 |
| 28 | Improved Tensile Ductility by Severe Plastic Deformation for Nano-Structured Metallic Glass. <i>Materials</i> , 2019, 12, 1611. | 2.9 | 6 |
| 29 | Synthesis and characterization of macroporous europium-doped Ca ₁₂ Al ₁₄ O ₃₃ (C12A7:Eu ³⁺) and its application in metal ion detection. <i>New Journal of Chemistry</i> , 2019, 43, 8315-8324. | 2.8 | 5 |
| 30 | Metallic Glassy Thin Films: Perspective on Mechanical, Magnetic, Biomedical, and Optical Properties. <i>Advanced Engineering Materials</i> , 2019, 21, 1900046. | 3.5 | 1 |
| 31 | Two-dimensional ferroelectricity and switchable spin-textures in ultra-thin elemental Te multilayers. <i>Materials Horizons</i> , 2018, 5, 521-528. | 12.2 | 96 |
| 32 | Pressure-induced structural change and nucleation in liquid aluminum. <i>Journal of Applied Physics</i> , 2018, 124, 225903. | 2.5 | 2 |
| 33 | Surface compressive and softening effect on deformation mode transition in Ni-Nb metallic glassy thin films: A molecular dynamics study. <i>Journal of Applied Physics</i> , 2018, 124, 205304. | 2.5 | 1 |
| 34 | Structural Signature of $\hat{\Gamma}^2$ -Relaxation in La-Based Metallic Glasses. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4308-4313. | 4.6 | 20 |
| 35 | Intermediate Temperature Brittleness in Metallic Glasses. <i>Advanced Materials</i> , 2017, 29, 1605537. | 21.0 | 34 |
| 36 | Broad band optical band-reject filters in near-infrared regime utilizing bilayer Ag metasurface. <i>Journal of Applied Physics</i> , 2017, 121, . | 2.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Pressure-induced structural change in liquid GaIn eutectic alloy. <i>Scientific Reports</i> , 2017, 7, 1139. | 3.3 | 17 |
| 38 | Structural evolution and atomic dynamics in Ni–Nb metallic glasses: A molecular dynamics study. <i>Journal of Chemical Physics</i> , 2017, 147, 144503. | 3.0 | 18 |
| 39 | Perspective on Structural Evolution and Relations with Thermophysical Properties of Metallic Liquids. <i>Advanced Materials</i> , 2017, 29, 1703136. | 21.0 | 11 |
| 40 | Elastic Anomaly and Polyamorphic Transition in (La, Ce)-based Bulk Metallic Glass under Pressure. <i>Scientific Reports</i> , 2017, 7, 724. | 3.3 | 6 |
| 41 | Liquid-to-liquid crossover in the GaIn eutectic alloy. <i>Physical Review B</i> , 2017, 95, . | 3.2 | 21 |
| 42 | Size effect on atomic structure in low-dimensional Cu-Zr amorphous systems. <i>Scientific Reports</i> , 2017, 7, 7291. | 3.3 | 11 |
| 43 | Structural stability of high entropy alloys under pressure and temperature. <i>Journal of Applied Physics</i> , 2017, 121, . | 2.5 | 44 |
| 44 | Layer-dependent semiconductor-metal transition of SnO/Si(001) heterostructure and device application. <i>Scientific Reports</i> , 2017, 7, 2570. | 3.3 | 5 |
| 45 | Correlation Between Local Structure and Boson Peak in Metallic Glasses. <i>Journal of Low Temperature Physics</i> , 2017, 186, 172-181. | 1.4 | 6 |
| 46 | Abnormal correlation between phase transformation and cooling rate for pure metals. <i>Scientific Reports</i> , 2016, 6, 22391. | 3.3 | 20 |
| 47 | Pressure-induced polyamorphism in a main-group metallic glass. <i>Physical Review B</i> , 2016, 94, . | 3.2 | 14 |
| 48 | Topological Properties of Atomic Lead Film with Honeycomb Structure. <i>Scientific Reports</i> , 2016, 6, 21723. | 3.3 | 21 |
| 49 | Reversible devitrification in amorphous As ₂ Se ₃ under pressure. <i>Physical Review B</i> , 2016, 94, . | 3.2 | 4 |
| 50 | Multiple unpinned Dirac points in group-Va single-layers with phosphorene structure. <i>Npj Computational Materials</i> , 2016, 2, . | 8.7 | 57 |
| 51 | Deformation behavior of metallic glasses with shear band like atomic structure: a molecular dynamics study. <i>Scientific Reports</i> , 2016, 6, 30935. | 3.3 | 33 |
| 52 | Strain-Induced Isostructural and Magnetic Phase Transitions in Monolayer MoN ₂ . <i>Nano Letters</i> , 2016, 16, 4576-4582. | 9.1 | 129 |
| 53 | Atomic-Level Mechanisms of Nucleation of Pure Liquid Metals during Rapid Cooling. <i>ChemPhysChem</i> , 2015, 16, 3916-3927. | 2.1 | 12 |
| 54 | Some Issues in Liquid Metals Research. <i>Metals</i> , 2015, 5, 2128-2133. | 2.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Atomic picture of elastic deformation in a metallic glass. <i>Scientific Reports</i> , 2015, 5, 9184. | 3.3 | 22 |
| 56 | Origin of pressure-induced crystallization of Ce ₇₅ Al ₂₅ metallic glass. <i>Nature Communications</i> , 2015, 6, 6493. | 12.8 | 33 |
| 57 | Role of string-like collective atomic motion on diffusion and structural relaxation in glass forming Cu-Zr alloys. <i>Journal of Chemical Physics</i> , 2015, 142, 164506. | 3.0 | 97 |
| 58 | Low-Density High-Strength Bulk Metallic Glasses and Their Composites: A Review. <i>Advanced Engineering Materials</i> , 2015, 17, 761-780. | 3.5 | 68 |
| 59 | Influence of film thickness and nanograting period on color-filter behaviors of plasmonic metal Ag films. <i>Journal of Applied Physics</i> , 2014, 115, 113104. | 2.5 | 26 |
| 60 | Study on new magnetization property and its micro-mechanism that occurred in anti-ferromagnetic NiO nanoflowers with nearly uniform size. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 822-825. | 2.5 | 4 |
| 61 | Nucleation driven by orientational order in supercooled niobium as seen via <i>ab initio</i> molecular dynamics. <i>Physical Review B</i> , 2014, 89, . | 3.2 | 23 |
| 62 | Interfacial Free Energy Controlling Glass-Forming Ability of Cu-Zr Alloys. <i>Scientific Reports</i> , 2014, 4, 5167. | 3.3 | 33 |
| 63 | A heterostructured Ag@In ₂ S ₃ composite with enhanced lithium storage capacity. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5208. | 10.3 | 13 |
| 64 | Structural evolution in bulk metallic glass under high-temperature tension. <i>Applied Physics Letters</i> , 2013, 102, 051909. | 3.3 | 5 |
| 65 | Shock-induced phase transitions of β -Ce ₃ Al. <i>Journal of Applied Physics</i> , 2013, 113, . | 2.5 | 5 |
| 66 | Pressure-induced amorphous-to-amorphous reversible transformation in Pr ₇₅ Al ₂₅ . <i>Journal of Applied Physics</i> , 2013, 114, 213516. | 2.5 | 14 |
| 67 | Negative expansions of interatomic distances in metallic melts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10068-10072. | 7.1 | 115 |
| 68 | The effect of composition on pressure-induced devitrification in metallic glasses. <i>Applied Physics Letters</i> , 2013, 102, . | 3.3 | 14 |
| 69 | Super elastic strain limit in metallic glass films. <i>Scientific Reports</i> , 2012, 2, 852. | 3.3 | 68 |
| 70 | Electric field induced phase instability in typical (Na,K)(Nb,Sb)O ₃ -LiTaO ₃ ceramics near orthorhombic and tetragonal phase boundary. <i>Applied Physics Letters</i> , 2012, 101, 092906. | 3.3 | 26 |
| 71 | In situ synthesis of SnS ₂ @graphene nanocomposites for rechargeable lithium batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 9494. | 6.7 | 105 |
| 72 | Cu _{1-x} Zr _x Al _{1-x} Ti Bulk Metallic Glass with Enhanced Glass-Forming Ability, Mechanical Properties, Corrosion Resistance and Biocompatibility. <i>Advanced Engineering Materials</i> , 2012, 14, 195-199. | 3.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Large-scale synthesis of In ₂ S ₃ nanosheets and their rechargeable lithium-ion battery. Journal of Materials Chemistry, 2011, 21, 17063. | 6.7 | 59 |
| 74 | Stability and Properties of Two-Dimensional Graphene Hydroxide. Journal of Physical Chemistry Letters, 2011, 2, 1310-1314. | 4.6 | 14 |
| 75 | Heterogeneities in CuZr-based bulk metallic glasses studied by x-ray scattering. Journal of Physics Condensed Matter, 2011, 23, 075402. | 1.8 | 15 |
| 76 | Pressure-induced electron topological transitions in Ba-doped Si clathrate. Physical Review B, 2011, 84, . | 3.2 | 17 |
| 77 | Low temperature transport properties of Ce-Al metallic glasses. Journal of Applied Physics, 2011, 109, 113716. | 2.5 | 15 |
| 78 | Atomic packing in Mg ₆₁ Cu ₂₈ Gd ₁₁ bulk metallic glass. Applied Physics Letters, 2011, 98, 031901. | 3.3 | 9 |
| 79 | 73 mm-diameter bulk metallic glass rod by copper mould casting. Applied Physics Letters, 2011, 99, . | 3.3 | 84 |
| 80 | Analysis on variety and characteristics of maghemite. Science China Earth Sciences, 2010, 53, 1153-1162. | 5.2 | 42 |
| 81 | Transition metal adatom and dimer adsorbed on graphene: Induced magnetization and electronic structures. Physical Review B, 2010, 81, . | 3.2 | 234 |
| 82 | High-pressure behavior of $\hat{\Gamma}^2$ -Ga ₂ O ₃ nanocrystals. Journal of Applied Physics, 2010, 107, 033520. | 2.5 | 27 |
| 83 | Homogeneity of the superplastic Zr _{64.13} Cu _{15.75} Ni _{10.12} Al ₁₀ bulk metallic glass. Journal of Materials Research, 2009, 24, 3116-3120. | 2.6 | 11 |
| 84 | Magnetism of O-Terminated ZnO(0001) with Adsorbates. Journal of Physical Chemistry C, 2009, 113, 16116-16120. | 3.1 | 36 |
| 85 | Local strain behavior of bulk metallic glasses under tension studied by in situ x-ray diffraction. Applied Physics Letters, 2009, 94, 011911. | 3.3 | 24 |
| 86 | Achieving large macroscopic compressive plastic deformation and work-hardening-like behavior in a monolithic bulk metallic glass by tailoring stress distribution. Applied Physics Letters, 2008, 92, . | 3.3 | 40 |
| 87 | Origin of ferromagnetism in ZnO codoped with Ga and Co: Experiment and theory. Physical Review B, 2008, 78, . | 3.2 | 65 |
| 88 | Atomic structure and glass forming ability of Cu ₄₆ Zr ₄₆ Al ₈ bulk metallic glass. Journal of Applied Physics, 2008, 104, . | 2.5 | 50 |
| 89 | The effect of cooling rate on the microstructure and mechanical properties of Mg–Zn–Gd-based alloys. International Journal of Materials Research, 2008, 99, 973-978. | 0.3 | 7 |
| 90 | Electron density topology of high-pressure Ba_8Si_{46} from a combined Rietveld and maximum-entropy analysis. Physical Review B, 2007, 76, . | 3.2 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Enhancement of plasticity in Zr-based bulk metallic glasses. <i>Journal of Materials Research</i> , 2007, 22, 2454-2459. | 2.6 | 7 |
| 92 | Tension and stress relaxation behavior of a La-based bulk metallic glass. <i>Journal of Materials Research</i> , 2007, 22, 3303-3308. | 2.6 | 3 |
| 93 | Bulk Modulus and Structural Phase Transitions of Wurtzite CoO Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2-5. | 3.1 | 29 |
| 94 | Study on the quantum confinement effect on ultraviolet photoluminescence of crystalline ZnO nanoparticles with nearly uniform size. <i>Applied Physics Letters</i> , 2007, 90, 263113. | 3.3 | 45 |
| 95 | Pressure-induced phase transition in Co-doped ZnO. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 234-238. | 1.5 | 14 |
| 96 | Pressure-induced phase transformations in the Ba ₈ Si ₄₆ clathrate. <i>Physical Review B</i> , 2006, 74, . | 3.2 | 24 |
| 97 | Absence of ferromagnetism in bulk polycrystalline Zn _{0.9} Co _{0.1} O. <i>Physical Review B</i> , 2006, 73, . | 3.2 | 105 |
| 98 | Free-volume evolution and its temperature dependence during rolling of Cu ₆₀ Zr ₂₀ Ti ₂₀ bulk metallic glass. <i>Applied Physics Letters</i> , 2005, 87, 101901. | 3.3 | 47 |
| 99 | Mechanically driven phase separation and corresponding microhardness change in Cu ₆₀ Zr ₂₀ Ti ₂₀ bulk metallic glass. <i>Applied Physics Letters</i> , 2005, 86, 081913. | 3.3 | 53 |
| 100 | High-pressure behavior of SnO ₂ nanocrystals. <i>Physical Review B</i> , 2005, 72, . | 3.2 | 69 |
| 101 | Pressure effect of glass transition temperature in Zr _{46.8} Ti _{8.2} Cu _{7.5} Ni ₁₀ Be _{27.5} bulk metallic glass. <i>Applied Physics Letters</i> , 2004, 84, 1871-1873. | 3.3 | 52 |
| 102 | Short-range structure of Zr ₄₁ Ti ₁₄ Cu _{12.5} Ni ₁₀ Be _{22.5} glass prepared by shock wave. <i>Applied Physics Letters</i> , 2004, 84, 4998-5000. | 3.3 | 20 |
| 103 | Phase transformations in nanocrystals. <i>Journal of Materials Science</i> , 2004, 39, 5103-5110. | 3.7 | 36 |
| 104 | Deformation-induced reactions of ZnO and TiO ₂ . <i>Journal of Materials Science</i> , 2004, 39, 5389-5392. | 3.7 | 13 |
| 105 | Origin of the low compressibility in hard nitride spinels. <i>Physical Review B</i> , 2003, 68, . | 3.2 | 36 |
| 106 | Crystallization of Cu ₆₀ Ti ₂₀ Zr ₂₀ metallic glass with and without pressure. <i>Journal of Materials Research</i> , 2003, 18, 895-898. | 2.6 | 37 |
| 107 | Evidence of icosahedral short-range order in Zr ₇₀ Cu ₃₀ and Zr ₇₀ Cu ₂₉ Pd ₁ metallic glasses. <i>Applied Physics Letters</i> , 2003, 83, 3924-3926. | 3.3 | 108 |
| 108 | Structural behavior of Pd ₄₀ Cu ₃₀ Ni ₁₀ P ₂₀ bulk metallic glass below and above the glass transition. <i>Applied Physics Letters</i> , 2003, 82, 2589-2591. | 3.3 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Comment on "Unusual transition phenomenon in Zr-based bulk metallic glass upon heating at high pressure" [Appl. Phys. Lett. 80, 3087 (2002)]. Applied Physics Letters, 2002, 81, 3894-3895. | 3.3 | 1 |
| 110 | Comment on "Pressure-induced amorphization of ZrTiCuNiBe bulk glass-forming alloy" [Appl. Phys. Lett. 79, 1106 (2001)]. Applied Physics Letters, 2002, 80, 700-700. | 3.3 | 2 |
| 111 | High-Pressure Behavior of Nano Titanium Dioxide. High Pressure Research, 2002, 22, 385-389. | 1.2 | 25 |
| 112 | X-ray Diffraction Study on Pressure-Induced Phase Transformation in Nanocrystalline GaAs. High Pressure Research, 2002, 22, 395-398. | 1.2 | 11 |
| 113 | Glass transition, crystallization kinetics and pressure effect on crystallization of ZrNbCuNiBe bulk metallic glass. Journal of Applied Physics, 2002, 91, 4956-4960. | 2.5 | 24 |
| 114 | Synthesis of ternary nitrides by mechanochemical alloying. Journal of Materials Chemistry, 2002, 12, 3113-3116. | 6.7 | 18 |
| 115 | Trapping of cubic ZnO nanocrystallites at ambient conditions. Applied Physics Letters, 2002, 81, 4820-4822. | 3.3 | 86 |
| 116 | High-Temperature Mössbauer Spectroscopy of Mechanically Milled NiFe ₂ O ₄ . Hyperfine Interactions, 2002, 139/140, 325-333. | 0.5 | 14 |
| 117 | Preparation of Fe-Mo-C ternary carbide by mechanical alloying. Journal of Materials Chemistry, 2001, 11, 864-868. | 6.7 | 6 |
| 118 | Grain-Size and Alloying Effects on the Pressure-Induced bcc-to-hcp Transition in Nanocrystalline Iron. Materials Transactions, 2001, 42, 1571-1574. | 1.2 | 9 |
| 119 | Formation of perovskite-related structures CaMO ₃ (M = Sn, Ti) by mechanical milling. Journal of Materials Science, 2001, 36, 3637-3640. | 3.7 | 11 |
| 120 | MAGNETIC STRUCTURE OF ZINC-FERRITE APPROACHING NANOMETER SIZES. International Journal of Modern Physics B, 2001, 15, 3312-3316. | 2.0 | 7 |
| 121 | Elastic properties of Pd ₄₀ Cu ₃₀ Ni ₁₀ P ₂₀ bulk glass in supercooled liquid region. Applied Physics Letters, 2001, 78, 1985-1987. | 3.3 | 52 |
| 122 | Evidence of a stable binary CdCa quasicrystalline phase. Applied Physics Letters, 2001, 78, 1856-1857. | 3.3 | 10 |
| 123 | Bulk Mg-Cu-Y-Al Alloys in the Amorphous, Supercooled Liquid and Crystalline States. Materials Research Society Symposia Proceedings, 2000, 644, 411. | 0.1 | 1 |
| 124 | The chemical heterogeneity of active surface of solid catalysts. Journal of Materials Science, 2000, 35, 5787-5789. | 3.7 | 3 |
| 125 | Formation of quasicrystals in Zr _{46.8} Ti _{8.2} Cu _{7.5} Ni ₁₀ Be _{27.5} bulk glass. Applied Physics Letters, 2000, 77, 3935-3937. | 3.3 | 67 |
| 126 | Crystallization of Bulk Zr ₄₈ Nb ₈ Cu ₁₄ Ni ₁₂ Be ₁₈ Metallic Glass. Materials Research Society Symposia Proceedings, 2000, 644, 521. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Phase transitions in $\text{Ca}_{1-x}\text{Sr}_x\text{TiO}_3$ perovskites: effects of composition and temperature. Journal of Materials Chemistry, 2000, 10, 1609-1615. | 6.7 | 90 |
| 128 | Ammonia synthesis over multi-promoted iron catalysts obtained by high-energy ball-milling. Catalysis Letters, 1999, 61, 115-120. | 2.6 | 12 |
| 129 | Structure and Thermal Stability of Nanostructured Iron-doped Zirconia Prepared by High-energy Ball Milling. Journal of Materials Research, 1999, 14, 1343-1352. | 2.6 | 92 |
| 130 | Laser-induced Growth of Square Hollow Microtubes on Vanadium Metal. Journal of Materials Science Letters, 1998, 17, 1301-1303. | 0.5 | 0 |
| 131 | Structural and magnetic properties of ball milled copper ferrite. Journal of Applied Physics, 1998, 84, 1101-1108. | 2.5 | 176 |
| 132 | MAGNETIC PROPERTIES OF NANOMETER-SIZED CRYSTALLINE AND AMORPHOUS PARTICLES (Invited). , 1998, , . | | 0 |