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For more information please refer to our FAQs for authors

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Contributions include, but are not limited to, a variety of topics such as:

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Contributions include a variety of topics such as:

- **Materials** - Metals and alloys, amorphous solids, ceramics, composites, nanocrystals, polymers, semiconductors.
- **Applications** - Structural, opto-electronic, magnetic, medical, MEMS, sensors, smart, biomaterials.
- **Characterization** - Analytical, microscopy, scanning probes, nanoscopic, optical, electrical, acoustic, spectroscopic, diffraction.
- **Novel Materials** - Micro and nanostructures (nanowires, nanotubes, nanoparticles), nanocomposites, thin films, superlattices, quantum dots.
- **Processing** - Thin film processing, sol-gel processing, mechanical processing, assembly, and nanocrystalline processing leading to unique materials.
- **Properties** - Mechanical, magnetic, optical, electrical, ferroelectric, thermal, interfacial, transport, thermodynamic.
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**Keyword List**

Adhesion  
Amorphous materials  
Atom probe  
Atomic force microscopy  
Biomaterials  
Biomimetic  
Carbon materials  
Carbon nanotubes  
Nanoparticles  
Cast  
Ceramics  
Bioceramics  
Functional  
Structural  
Colloidal processing  
Composite materials  
Ceramic composites  
Metallic composites  
Polymeric composites  
Corrosion  
Creep  
Crystal growth  
Crystal structure  
Defects  
Deformation and fracture  
Deposition  
Chemical vapour deposition  
Electrodeposition  
Physical vapour deposition  
Sputtering  
Dielectrics  
Diffusion  
Elastic properties  
Electrical properties  
Electroceramics  
Electron microscopy  
Electronic materials  
Contacts  
Organic  
Semiconductors  
Energy storage and conversion  
Epitaxial growth  
Fatigue  
Ferroelectrics  
Fibre technology  
Fullerenes  
Grain boundaries  
Grain boundary junctions  
Indentation and hardness  
Interfaces  
Intermetallic alloys and compounds  
Ion beam technology  
Laminates  
Langmuir-Blodgett films  
Laser processing
Luminescence
Magnetic materials
Metal forming and shaping
Metallurgy
Metals and alloys
Multilayer structure
Microstructure
Nanocomposites
Nanocrystalline materials
Functional
Structural
Neutron diffraction and scattering
Nuclear materials
Optical materials and properties
Oxidation
Particles, nanosize
Phase diagrams
Phase transformation
Phosphors
Piezoelectric materials
Polymers
Powder technology
Porous materials
Psitron annihilation
Radiation damage
Recrystallization
Scanning tunnelling microscopy
Segregation
Sensors
Shape memory materials
Simulation and modelling
Sintering
Solar energy materials
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Texture
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Thick films
Thin films
Varistors
Viscoelasticity
Wear and tribology
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