

1. Materials Science in Semiconductor Processing

Special issue on “Semiconducting nanomaterials for Energy and Sensing application”

The purpose of the special issue is to connect the distinctive physical and chemical features of semiconductor nanomaterials, which can enable better applications in electronics, sensing, and energy harvesting.

Potential topics include:

- Use eco-friendly materials for energy harvesting and conversion.
- Nanomaterial used for energy harvesting technologies
- Halide perovskite materials for energy harvesting and conversion
- Nanomaterials for sensing and optoelectronics devices

Manuscript submission information:

- **Submission Open Date: Oct 1, 2024**
- **Submission Close Date: Jun 30, 2025**

Manuscript submission information:

- The submission website for this journal is located at:
<https://www.editorialmanager.com/mssp/Default.aspx>
- To ensure that your manuscript is correctly identified for inclusion in the special issue, it is important that authors select “**VSI: Energy & Sensing - Research Paper**” and “**VSI: Energy & Sensing - Review Article**” when you reach the “**Article Type**” step in the submission process.

2. Journal of Materials Science: Materials in Electronics

Special issue on **AMDP-24** papers

The purpose of the special issue is to consider a manuscript from AMDP2024. The manuscript based on experimental work on modern electronics, optoelectronics, and photonics will be reviewed.

Potential topics include:

Synthesis and processing of new materials and their electrical, optical, dielectric and magnetic properties.

Experimental work on innovative materials such as low-dimensional structures and devices, spintronic materials and structures, topological insulators, energy applications.

Solid-state ionics, thermoelectrics and phononics, materials for heterogeneous integrated circuit applications, new materials for memory/storage applications, glasses, glass-ceramics and lasers, organic semiconductors, conducting polymers, thick-film materials

New contact technologies, as well as materials used in established electronic and optoelectronic devices and circuits. The papers should contain extensive and novel *experimental* work with rigorous analysis and sound interpretation.

Note: Theoretical, Simulation and analytical papers and those that contain a biology , high degree of chemistry or electrochemistry will not considered.

Manuscript submission information:

- **Submission Open Date: Oct 1, 2024**
- **Submission Close Date: Dec 30, 2024**

Manuscript submission information:

- The submission website for this journal is located at

<https://www.editorialmanager.com/jmse/default.aspx>

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