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Advancing materials. Improving the quality of life.

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MRS COMMUNICATIONS

MRS Communications is a high-impact archival journal focusing on rigorous peer review and rapid publication of completed research with broad appeal to the materials community. Major article types include rapid communications (research letters), “prospectives” papers, correspondence and commentaries.

“Prospectives” are a unique feature of this Journal offering succinct and forward-looking reviews of topics of interest to a broad materials research readership. This modern journal features advanced on-line publication, in full color, acceptance of supplemental materials, and multimedia content. *MRS Communications* leverages the deep technical expertise of leading MRS members among its editorial board and reviewers under the governance of a team of Principal Editors, and the advanced author and reader publication services and academic standing offered by Cambridge Journals.

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- Carbon-based materials
- Complex oxides and their interfaces
- Materials for energy storage, conversion and environmental remediation
- Materials for nanophotonics and plasmonic devices
- Theory and simulation of materials
- Mechanical behavior at the nanoscale
- Nanocrystal growth, structures and properties, including nanowires and nanotubes
- Nanoscale semiconductors for new electronic and photonic applications
- New materials synthesis, templating and assembly methods
- New topics in metals, alloys and transformations
- Novel and *in-situ* characterization methods
- Novel catalysts and sensor materials
- Organic and hybrid functional materials
- Quantum matter
- Surface, interface and length-scale effects on materials properties

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- 7000-8000 words, 8-10 printed pages
- Multiple illustrations and figures encouraged
- Supplemental and multimedia data encouraged
- Max. 100 references

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- Short 100 word abstract
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- 500-1000 words, 1-2 printed pages
- 1 fig or illustration
- Max. 10 references
- Supplemental data at editor discretion
- If critical of a previously published paper, original author will be given option to publish a reply (no automatic right to reply)

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