



MATERIALS RESEARCH BULLETIN

An international journal reporting research on the synthesis, structure, and properties of materials

AUTHOR INFORMATION PACK

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DESCRIPTION

Materials Research Bulletin is an international journal reporting high - impact research on processing-structure-property *relationships* in **functional inorganic materials** and **nanomaterials** with interesting **electronic, magnetic, optical, mechanical** or **catalytic** properties. Papers purely on thermodynamics or theoretical calculations (*e.g.*, density functional theory) do *not* fall within the scope of the journal unless they also demonstrate a clear link to physical properties. Topics covered include functional materials (*e.g.*, dielectrics, pyroelectrics, piezoelectrics, ferroelectrics, and relaxors); electrochemistry and solid-state ionics (photovoltaics, batteries, sensors, and fuel cells); nanomaterials, graphene, and nanocomposites; novel electronics, luminescence, and photocatalysis; crystal-structure and defect-structure analysis; and non-crystalline solids.

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lattice dynamics
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charge-density waves
spin density waves
color centers
crystal structure
defects
dielectric properties
diffusion
elastic properties
electrical properties
electrochemical properties
electronic paramagnetic resonance (EPR)
electronic structure
energy storage
equations-of-state
Fermi surface
ferroelectricity
fracture
ionic conductivity
specific heat
spin-density waves
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Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13 March 2003).

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