

Special Issue

New Trends in Two-Dimensional Magnetic Materials

Message from the Guest Editors

In this Special Issue of *Magnetochemistry*, we call for highlights of the recent achievements and research reports in the fields of spintronic devices, synthesis, and characterization of quantum materials (e.g., graphene, semiconducting magnetic materials, two-dimensional material) and their heterostructures, molecular devices, spintronics, spin caloritronics, and quantum and neuromorphic computing. The published papers include research papers, communications, and perspectives/progress report review articles.

- spintronics
- magnetic semiconductors
- magnetoresistance
- two-dimensional material
- density functional theory
- spin orbit coupling
- magnetic heterostructures
- half-metal property
- spin filter effect
- photoelectric response
- spin Seebeck effect
- negative differential resistance

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