Reports >> Specialities by Associate Editor Report

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Specialities by Associate Editors Report

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

A
Acosta-Vigil, Antonio
Primary:
Experimental petrology
Geochemistry
High-grade metamorphism, anatexis, and granite magmatism (special collection)
Igneous petrology

Almeev, Renat
Primary:
Experimental petrology
Glasses
Phase equilibria
Rates and Depths of Magma Ascent on Earth

Ashley, Kyle
Primary:
melt-fluid inclusions (special collection)

B
Bajt, Sasa
Primary:
Environmental mineralogy
Spectroscopy/X-ray (including XRF, XANES, EXAFS, etc.)
Synchrotron

Baker, Don
Primary:
Geochemistry
Igneous petrology

Ballmer, Maxim
Primary:
Deep Earth
Earth mantle
Physics and Chemistry of Earths Deep Mantle and Core
Planetary materials
Plumes

Barbin, Vincent
Primary:
Cathodoluminescence

Barnes, Calvin
Primary:
Crustal Magmas
Geochemistry
Igneous petrology
Metamorphism, crustal melting and granite magmas
Rare earth elements

Bishop, Janice
Primary:
<table>
<thead>
<tr>
<th>Name</th>
<th>Primary</th>
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<tbody>
<tr>
<td>Broekmans, Maarten</td>
<td>Cement research, Crystal chemistry, Diffraction, Sedimentary petrology</td>
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<tr>
<td>Brownlee, Sarah</td>
<td>Fabric and Textures, mineral deformation mechanisms, mineral deformation studies</td>
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<tr>
<td>Cadoux, Anita</td>
<td>Halogens in Planetary Systems (Special Collection)</td>
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<tr>
<td>Cannatelli, Claudia</td>
<td>Experimental petrology, Petrology, melt-fluid inclusions (special collection), volcanic process</td>
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<tr>
<td>De Gregorio, Bradley</td>
<td>Origins of Our Solar System and Its Organic Compounds (Special Collection)</td>
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<tr>
<td>Demouchy, Sylvie</td>
<td>Earth mantle, Experimental petrology, Olivine, Physics and Chemistry of Earths Deep Mantle and Core (Special Collection), Rates and Depths of Magma Ascent on Earth, Understanding of Reaction and Deformation Microstructures (Special Collection), Water in nominally hydrous and anhydrous minerals (Special Collection), mantle deformation processes, mineral deformation mechanisms, transport properties</td>
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<tr>
<td>Dorfman, Susannah</td>
<td>Compressibility, Deep Earth, Diffraction, High pressure, Mineral physics, Phase equilibria, Phase transitions, Synchrotron, Ultra-high pressure techniques, high temperature</td>
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<tr>
<td>Dumond, Gregory</td>
<td>Fabric and Textures, Geochronology, Metamorphic petrology, Monazites/Geochronology</td>
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<tr>
<td>Dyar, Melinda</td>
<td>Crystal chemistry, Crystallography, Spectroscopy/Mossbauer</td>
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Gatta, G. Diego
Primary:
Microporous materials: crystal-chemistry, properties, and utilizations (Special Collection)

Geiger, Charles
Primary:
Crystal chemistry
Spectroscopy/Infrared
Spectroscopy/Mossbauer
Water in nominally hydrous and anhydrous minerals (Special Collection)

Giovannelli, Donato
Primary:
Earth in Five Reactions (Special Collection)

Grangeon, Sylvain
Primary:
Cement research
Clay minerals
Diffraction
Environmental mineralogy
Nanominerals
Nanominerals and Mineral Nanoparticles (Special Collection)

Gregory, Daniel
Primary:
Earth Science, general
Fluids and aqueous geochemistry
Geochemistry
Paleo-Ocean Proxies (Special Collection)

Grew, Edward
Primary:
Lithium, beryllium and boron (Special Collection)

Handley, Heather
Primary:
Subduction Zone (Special Collection)

Harlov, Daniel
Primary:
Apatite
Experimental petrology
Fluids and aqueous geochemistry
Metamorphic petrology
Meteorites
Mineralogy
Monazites/Geochronology
Petrology
Planetary materials
Rare earth elements

Hetherington, Callum
Primary:
Fabric and Textures
Geochemistry
Igneous petrology
Isotope mineralogy
Metamorphic petrology
Monazites/Geochronology
Petrology

Huff, Warren
Primary:
Clay minerals

Hummer, Daniel
Primary:
Crystal chemistry
Crystallography
Deep Earth
Diffraction
<table>
<thead>
<tr>
<th>Name</th>
<th>Primary</th>
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<tbody>
<tr>
<td>Mookherjee, Mainak</td>
<td>Compressibility, Computational crystallography, Crystal chemistry, High pressure, Mineral physics, Planetary materials, density functional theory (DFT)</td>
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<tr>
<td>Morgan, Dan</td>
<td>Dynamics of magmatic processes (Special Collection)</td>
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<tr>
<td>Morizet, Yann</td>
<td>Amorphous Materials, Amorphous materials, Experimental petrology, Glasses, High pressure, Melts, NMR, rheology, volcanic process</td>
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<tr>
<td>Mueller, Thomas</td>
<td>Experimental petrology, Geochemical Transport, Isotope mineralogy, Metamorphic petrology, Petrology</td>
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<tr>
<td>Nestola, Fabrizio</td>
<td>Compressibility, Crystal chemistry, Crystal-structure determinations, Crystallography, Deep Earth, Descriptive mineralogy and new mineral descriptions, Diffraction, Mineral physics, Mineralogy, Physics and Chemistry of Earth's Deep Mantle and Core</td>
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<tr>
<td>Neuville, Daniel</td>
<td>Amorphous Materials, Glasses, Spectroscopy, Thermodynamics, lava, magma</td>
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<td>Parker, Eric</td>
<td>Origins of Our Solar System and Its Organic Compounds (Special Collection)</td>
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<td>Peck, William</td>
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Penniston-Dorland, Sarah
Primary:
  Isotopes, Minerals, and Petrology (Special Collection)
  Fluids and aqueous geochemistry
  Fluids in the Crust
  Geochemistry
  Metamorphic petrology

Peslier, Anne
Primary:
  Igneous petrology
  Spectroscopy/Infrared
  Volatile Elements in Differentiated Planetary Interiors (Special Collection)
  Planetary geochemistry

Petrelli, Maurizio
Primary:
  Dynamics of magmatic processes (Special Collection)
  Igneous petrology
  Petrology
  Volcanic petrology

Petrone, Chiara Maria
Primary:
  Dynamics of magmatic processes (Special Collection)
  Geochemistry
  Igneous petrology
  Petrogenesis
  Volcanic petrology

Redfern, Simon
Primary:
  Compressibility
  Crystal chemistry
  Crystal-structure determinations
  Crystallography
  Deep Earth
  Diffraction
  Pair distribution analysis
  Phase transitions
  Spontaneous strain analyses
  Synchrotron

Refson, Keith
Primary:
  Mineral physics
  Density functional theory (DFT)

Roberge, Julie
Primary:
  From Magmas to Ore Deposits (Special Collection)
  Geochemistry
  Igneous petrology

Simon, Steven
Primary:
  Meteorites
  Planetary materials
  Planetary geochemistry

Sinmyo, Ryosuke
Primary:
  Physics and Chemistry of Earths Deep Mantle and Core (Special Collection)

Speziale, Sergio
Primary:
  Deep Earth
  Diffraction
  High pressure
  Mineral physics
<table>
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<tr>
<th>Name</th>
<th>Primary:</th>
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<tbody>
<tr>
<td>Stalder, Roland</td>
<td>Water in nominally hydrous and anhydrous minerals (Special Collection)</td>
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<td>Straub, Susanne</td>
<td>Subduction Zone (Special Collection)</td>
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<tr>
<td>Swainson, Ian</td>
<td>Crystallography, Diffraction, Mineral physics, Nuclear materials, Pair distribution analysis, Phase transitions</td>
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<tr>
<td>Teng, Fang-Zhen</td>
<td>Geochemistry, Igneous petrology, Isotope mineralogy, Metamorphic petrology, Planetary materials</td>
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<td>Thompson, Elizabeth</td>
<td>Compressibility, Deep Earth, Diffraction, High pressure, Mineral physics, Volatile Elements in Differentiated Planetary Interiors (Special Collection)</td>
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<td>Till, Christy</td>
<td>Experimental petrology, Igneous petrology, Nanoscale, Petrogenesis, Phase relations, magma, planetary geochemistry, volcanic petrology</td>
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<td>Tomascak, Paul</td>
<td>Geochemistry, Isotope mineralogy, Pegmatites, Petrogenesis</td>
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<td>Tschauner, Oliver</td>
<td>Compressibility, Crystal chemistry, Crystal-structure determinations, Deep Earth, Diffraction, High pressure, Meteorites, Planetary materials, Synchrotron, Ultra-high pressure techniques</td>
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<tr>
<td>Wallace, Adam</td>
<td>Biomineralization, Computational crystallography, Environmental Geochemistry</td>
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