

Elements

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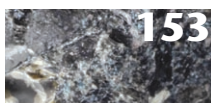
Gems

Emmanuel Fritsch and Benjamin Rondeau, Guest Editors



Gemology: The Developing Science of Gems

Emmanuel Fritsch and Benjamin Rondeau



Gem Formation, Production, and Exploration: Why Gem Deposits Are Rare and What Is Being Done to Find Them

Lee A. Groat and Brendan M. Laurs



The Geochemistry of Gems and Its Relevance to Gemology: Different Traces, Different Prices

George R. Rossman



The Identification of Faceted Gemstones: From the Naked Eye to Laboratory Techniques

Bertrand Devouard and Franck Notari



Seeking Low-Cost Perfection: Synthetic Gems

Robert E. Kane



Laboratory-Treated Gemstones

James E. Shigley and Shane F. McClure



Pearls and Corals: "Trendy Biomineralizations"

Jean-Pierre Gauthier and Stefanos Karampelas

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