



Chrysoberyl (including Alexandrite) Bibliography

The list below is a compilation of all items on chrysoberyl (including alexandrite) published in *The Journal of Gemmology* since its beginning in 1947 through 2023. Articles are listed from most recent to oldest.

Articles that are more than approximately two years old are publicly available in the JoG archive at <https://gem-a.com/publications/the-journal-of-gemmology-archive>, and more recent articles are accessible to Gem-A Members at <https://gem-a.com/publications/the-journal-of-gemmology>.

An historical alexandrite from the Mineralogy Museum of Paris School of Mines (2023)

By Eloïse Gaillou, Stefanos Karampelas, Ugo Hennebois, Annabelle Herreweghe, Farida Maouche, Bérengère Meslin Sainte Beuve, Didier Nectoux and Aurélien Delaunay
Volume 38, No. 8, 796–803

Gem Notes: Dyed chatoyant quartz misrepresented as cats-eye chrysoberyl in an antique jewel (2023)

By Thomas Hainschwang and Gianna Hainschwang
Volume 38, No. 8, 754–756

Gem Notes: Alexandrite with an uncommon deep red colour (2021)

By Riadh Zellagui and Christopher P. Smith
Volume 37, No. 8, 762–763

The discovery and naming of alexandrite and phenakite: Separating fact from fiction (2021)

By Karl Schmetzer and Evgenii Vladimirovich Burlakov
Volume 37, No. 5, 496–513

Gem Notes: Trapiche-type chrysoberyl (2018)

By Karl Schmetzer
Volume 36, No. 4, 284–285

Characterization of oriented inclusions in cat's-eye, star and other chrysoberyls (2016)

By Karl Schmetzer, Heinz-Jürgen Bernhardt and H. Albert Gilg
Volume 35, No. 1, 28–54

Nail-head spicules as inclusions in chrysoberyl from Myanmar (2015)

By Karl Schmetzer and Michael S. Krzemnicki
Volume 34, No. 5, 434–438

Purple to reddish purple chrysoberyl from Brazil (2014)

By Karl Schmetzer, Jaroslav Hyršl, Heinz-Jürgen Bernhardt and Thomas Hainschwang
Volume 34, No. 1, 32–40

Natural and synthetic vanadium-bearing chrysoberyl (2013)

By Karl Schmetzer, Michael S. Krzemnicki, Thomas Hainschwang and Heinz-Jürgen Bernhardt
Volume 33, No. 7–8, 223–238

Synthetic alexandrites grown by the HOC method in Russia: Internal features related to the growth technique and colorimetric investigation (2013)

By Karl Schmetzer, Heinz-Jürgen Bernhardt, Walter A. Balmer and Thomas Hainschwang
Volume 33, No. 5–6, 113–129

Titanium-bearing synthetic alexandrite and chrysoberyl (2013)

By Karl Schmetzer, Heinz-Jürgen Bernhardt and Thomas Hainschwang
Volume 33, No. 5–6, 131–142

Flux-grown synthetic alexandrites from Creative Crystals Inc. (2012)

By Karl Schmetzer, Heinz-Jürgen Bernhardt and Thomas Hainschwang
Volume 33, No. 1–4, 49–81

Measurement and interpretation of growth patterns in chrysoberyl, including alexandrite (2011)

By Karl Schmetzer, Heinz-Jürgen Bernhardt and Thomas Hainschwang
Volume 32, No. 5–8, 129–144

Alexandrite and colour-change chrysoberyl from the Lake Manyara alexandrite-emerald deposit in northern Tanzania (2011)

By Karl Schmetzer and Anna-Kathrin Malsy
Volume 32, No. 5–8, 179–209

Measurement and interpretation of growth patterns in chrysoberyl, including alexandrite (2011)

By Karl Schmetzer, Heinz-Jürgen Bernhardt and Thomas Hainschwang
Volume 32, No. 5–8, 129–144

The cause of colour of the blue alexandrites from Malacacheta, Minas Gerais, Brazil (2000)

By M.V.B. Pinheiro, M.S. Basilio, K. Krambrock, M.S.S. Dantas, R. Paniago, A.I. Assunção and A.C. Pedrosa-Soares
Volume 27, No. 3, 161–170

Druses of synthetic alexandrite and synthetic phenakite from Russia (1999)

By Jaroslav Hyršl and Ivo Quintens
Volume 26, No. 7, 447–449

A colorimetric study of the alexandrite effect in gemstones (1999)

By Y. Liu, J.E. Shigley, E. Fritsch and S. Hemphill
Volume 26, No. 6, 371–385

Characterization of alexandrite, emerald and phenakite from Franqueira (NW Spain) (1997)

By C. Marcos-Pascual and D.B. Moreiras
Volume 25, No. 5, 340–357

The location, geology, mineralogy and gem deposits of alexandrite, cat's-eye and chrysoberyl in Brazil (1993)

By Jacques Cassedanne and Maurice Roditi
Volume 23, No. 6, 333–354

Alexandrite: natural or synthetic? (1988)

By H. Bank, E. Gübelin, U. Henn and J. Malley
Volume 21, No. 4, 215–217

The gemmological characteristics of Inamori synthetic cat's-eye alexandrite chrysoberyl (1988)

By John I. Koivula, Emmanuel Fritsch and Chuck Fryer
Volume 21, No. 4, 232–236

An account of chrysoberyl-bearing pegmatite near Pattara, Sri Lanka (1987)

By E. Gaminis Zoysa
Volume 20, No. 7–8, 486–489

Colourless chrysoberyl—Natural or synthetic? (1985)

By Karl Schmetzer
Volume 19, No. 8, 682–691

Chatoyancy in chrysoberyl cat's-eye from pegmatites of Trivandrum District, southern India (1985)

By K. Soman and N.G.K. Nair
Volume 19, No. 5, 412–415

Notes on asterism in spinel and chatoyancy in chrysoberyl, quartz, tourmaline, zircon and scapolite (1958)

By W.F. Eppler
Volume 6, No. 6, 251–263