



Opal Bibliography

The list below is a compilation of all items on opal 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>.

Gem Notes: Advanced instrumentation for identifying sugar-acid-treated opal (2023)

By Tiantian Huange, Yujie Gao and Chunyan Wang
Volume 38, No. 8, 759–761

Gem Notes: Cinnabar inclusions in Ethiopian opal (2022)

By Féodor Blumentritt, Candice Caplan, Emmanuel Fritsch and Franck Notari
Volume 38, No. 3, 217–219

Hyalite opal from Erongo, Namibia, showing green daylight fluorescence (2022)

By Radek Hanus, Kamil Sobek, Kamila Johnová, Tomáš Trojek, Ján Štubňa, Tomáš Hanus and Kamila Jungmannová
Volume 38, No. 2, 172–182

Gem Notes: An unusual pink synthetic opal (2022)

By Jinlin Wu, Hong Ma and Huihuang Li
Volume 38, No. 2, 132–133

Gem Notes: Chromium-bearing translucent green common opal (2022)

By Kirk Feral
Volume 38, No. 2, 120–122

Gem Notes: A second opal from Indonesia with an insect inclusion (2020)

By Brendan M. Laurs
Volume 37, No. 3, 244–245

Gem Notes: Yellow opal from Tanzania (2020)

By Ján Štubňa and Radek Hanus
Volume 37, No. 1, 10–11

Gem Notes: Opal doublets from Slovakia (2019)

By Ján Štubňa, L'udmila Illášová, Jana Fridrichov and Peter Bačík
Volume 36, No. 7, 601–602

Gem Notes: Dendritic opal from Brazil (2019)

By Alessandra Costanzo
Volume 36, No. 6, 504–505

Gem Notes: Purple fluorite in opal from Utah, USA (2019)

By Emmanuel Fritsch, Blanca Mocquet, Bear Williams, Cara Williams and Starla Turner
Volume 36, No. 5, 404–407

Gem Notes: Orange-fluorescing common opal from Japan (2018)

By Cara Williams and Bear Williams
Volume 36, No. 4, 287–288

Gem Notes: Unusual matrix opal imitations (2018)

By Gagan Choudhary
Volume 36, No. 3, 209–210

Gem Notes: Ethiopian opal with dendritic inclusions (2018)

By Brendan M. Laurs and Nathan D. Renfro
Volume 36, No. 3, 190

Gem Notes: Yellowish green to yellow opal from Brazil (2018)

By Brendan M. Laurs
Volume 36, No. 3, 188–189

Gem Notes: Opal master reference sets (2018)

By Brendan M. Laurs
Volume 36, No. 2, 110–111

Gem Notes: Copper-bearing opal from West Java, Indonesia (2018)

By Brendan M. Laurs
Volume 36, No. 1, 10–11

Gem Notes: Large matrix opal carving (2017)

By Brendan M. Laurs
Volume 35, No. 7, 579–580

Gem Notes: Lace opal from Utah (2016)

By Cara Williams, Alexander U. Falster, William B. (Skip) Simmons and Bear Williams
Volume 35, No. 4, 282–283

Gem Notes: Green prase opal from the Kondoa district, Tanzania (2015)

By J.C. (Hanco) Zwaan
Volume 34, No. 8, 658–660

A matched pair of opals, with a catch (2015)

By Alan Hodgkinson
Volume 34, No. 6, 470–471

Green-luminescing hyalite opal from Zacatecas, Mexico (2015)

By Emmanuel Fritsch, Peter K.M. Megaw, Tyler L. Spano, Boris Chauviré, Benjamin Rondeau, Michael Gray, Thomas Hainschwang and Nathan Renfro
Volume 34, No. 6, 490–508

Gem Notes: Pink play-of-colour opal from Idaho (2015)

By Brendan M. Laurs
Volume 34, No. 5, 390–391

Gem Notes: Green daylight-fluorescent hyalite opal from Mexico (2014)

By Emmanuel Fritsch, Tyler Spano-Franco and Peter Megaw
Volume 34, No. 4, 294–296

Some observations on the composition and origin of opals from Java (2007)

By H.C. Einfalt
Volume 30, No. 7–8, 383–398

A note on chocolate-brown opal associated with volcanic rocks in Somaliland (2002)

By Judith A. Kinnaird
Volume 28, No. 2, 81–84

A new occurrence of dendritic opal in south-eastern Zambia (1994)

By Claudio C. Milisenda, Markus Redmann and Weston Malango
Volume 24, No. 4, 277–280

Opalite triplets – new imitations of opal (1993)

By Ken Scarratt, Robert C. Kammerling and John I. Koivula
Volume 23, No. 8, 473–480

Synthetic opal (1988)

By Alan Hodgkinson
Volume 21, No. 2, 73

Inclusions in opal (1986)

By Edward Gübelin and John I. Koivula
Volume 20, No. 3, 139–144

'Arteries' in opal? (1985)

By R. Keith Mitchell

Volume 19, No. 7, 584–585

Gilson created fire opal imitation with play of colours (1984)

By Mahinda Gunawardene and Rudolf Mertens

Volume 19, No. 1, 43–53

Further investigations on opal imitation made of plastic (1983)

By Mahinda Gunawardene

Volume 18, No. 8, 707–714

Oiled opals (1982)

By R. Keith Mitchell

Volume 18, No. 4, 399–341

Some observations and misconceptions regarding opal (1982)

By G.A. Cook

Volume 18, No. 4, 342–344

An opal imitation made from latex (1980)

By Michael J. O'Donoghue

Volume 17, No. 2, 80–81

Opal—the unlucky 'lucky' stone (1979)

By S.B. Cooper

Volume 16, No. 7, 458–461

Imitation opal—Slocum Stone (1979)

By A.E. Farn

Volume 16, No. 5, 295–300

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By Kenneth Scarratt

Volume 15, No. 2, 62–65

Internal structures and identification of Gilson synthetic opals (1976)

By E.A. Jobbins, P.M. Stathan and K. Scarratt

Volume 15, No. 2, 66–75

Notes on synthetic precious opal (1975)

By P.J. Darragh and J.L. Perdrix

Volume 14, No. 5, 215–223

Precious opal mining in the Snake River Plain rhyolites, Idaho (1972)

By Paul L. Broughton

Volume 13, No. 3, 100–104

Notes on recent synthetics and the blackening of natural opals (1971)

By Richard T. Liddicoat

Volume 12, No. 7, 309–311

Black treated opal: An ancient recipe (1966)

By B.W. Anderson

Volume 10, No. 4, 123–124

Iris-opal from Mexico (1966)

By John Sinkankas

Volume 10, No. 3, 100–105

Colour in opal (1966)

By R. Keith Mitchell

Volume 10, No. 2, 46–48

Treated black opals (1964)

By E. Gübelin

Volume 9, No. 6, 197–198

Observations on the origin of opal fields (1956)

By G.F. Leechman
Volume 5, No. 7, 362–370

Introductory bibliography on opal (1955)

By Frank Leechman
Volume 5, No. 1, 44–46

Further notes on the cause of colours in precious opal (1954)

By G.F. Leechman
Volume 4, No. 7, 288–291

The origin of the colour in precious opal (1954)

By G.F. Leechman
Volume 4, No. 5, 200–210

Crystallinity of opal (1947)

By D.S.M. Field
Volume 1, No. 3, 10–12