

eBook Information

Non-Electrolytic Water Splitting

David J. Fisher

Monograph / PDF eBook DRM Free

The book focuses on the direct production of hydrogen, using solar energy. Photocatalytic water-splitting by exposing semiconductors to sunlight is one of the most promising routes.

Keyword: Water-Splitting, Hydrogen Production, Solar Energy Conversion, Photocatalytic Water-Splitting, Thermochemical Water-Splitting, Mechano-Catalysis, Photocatalysis, Electrocatalysis, Light-induced Ionization of Semiconductors, Z-Schemes of Photosynthesis

ISBN 13: 978-1-64490-089-5, **Publication Date:** 2020 (8/15/2020)

Direct URL: <https://www.mrforum.com/product/non-electrolytic-water-splitting>

120 pages, PDF eBook DRM Free, USD 95.00

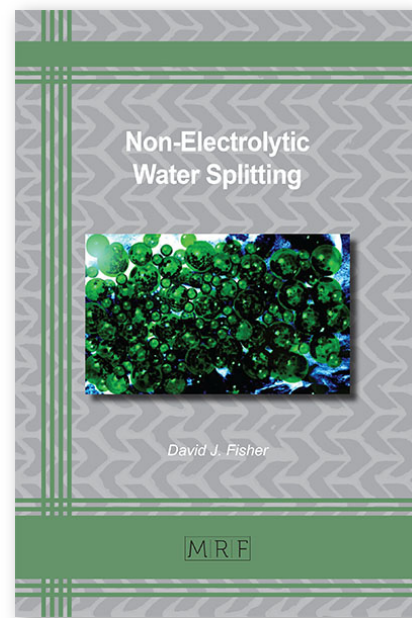
Materials Research Foundations Vol. 79 / **BISAC:** TEC021000 /

BIC/Thema: TGM

Imprint: Materials Research Forum LLC, *Publisher's sales rights are Worldwide*

Summary:

The book focuses on the direct production of hydrogen, using solar energy. Photocatalytic water-splitting by exposing semiconductors to sunlight is one of the most promising routes. The range of materials and other non-electrolytic methods are also reviewed. The book references 205 original resources and includes their direct web link for in-depth reading.



Book Information

Non-Electrolytic Water Splitting

David J. Fisher

Monograph / color print, paperback

The book focuses on the direct production of hydrogen, using solar energy. Photocatalytic water-splitting by exposing semiconductors to sunlight is one of the most promising routes.

Keyword: Water-Splitting, Hydrogen Production, Solar Energy Conversion, Photocatalytic Water-Splitting, Thermochemical Water-Splitting, Mechano-Catalysis, Photocatalysis, Electrocatalysis, Light-induced Ionization of Semiconductors, Z-Schemes of Photosynthesis

ISBN 13: 978-1-64490-088-8, **Publication Date:** 2020 (8/15/2020)

Direct URL: <https://www.mrforum.com/product/non-electrolytic-water-splitting>

120 pages, color print, paperback, USD 95.00

Materials Research Foundations Vol. 79 / **BISAC:** TEC021000 /

BIC/Thema: TGM

Imprint: Materials Research Forum LLC, *Publisher's sales rights are Worldwide*

Summary:

The book focuses on the direct production of hydrogen, using solar energy. Photocatalytic water-splitting by exposing semiconductors to sunlight is one of the most promising routes. The range of materials and other non-electrolytic methods are also reviewed. The book references 205 original resources and includes their direct web link for in-depth reading.

