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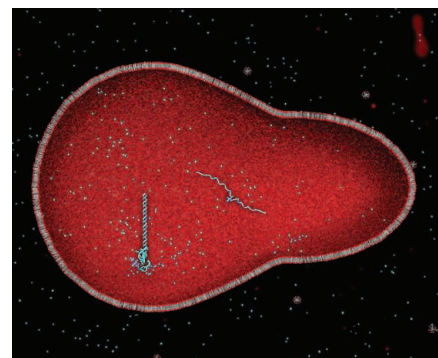
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COVER

Color-enhanced scanning electron micrograph of rust (iron oxide) on painted sheet metal (width of image field: 41.3 micrometers). When activated by a thin carbon layer doped with nitrogen atoms, iron oxide proves to be an efficient catalyst for selective hydrogenation of nitroarenes to anilines, a process that previously required noble metals. See pages 1054 and 1073.

Image: Eye of Science/Science Source

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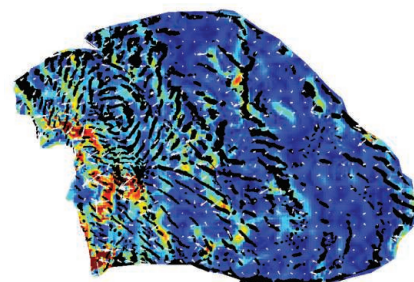
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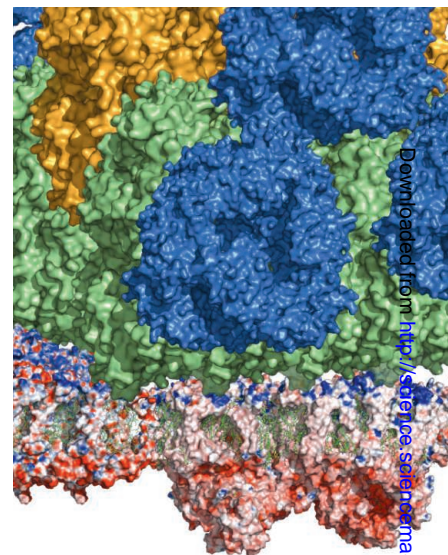
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SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1200 New York Avenue, NW, Washington, DC 20005. Periodicals Mail postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 2013 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): \$149 (\$74 allocated to subscription). Domestic institutional subscription (51 issues): \$990; Foreign postage extra: Mexico, Caribbean (surface mail) \$55; other countries (air assist delivery) \$85. First class, airmail, student, and emeritus rates on request. Canadian rates with GST available upon request, GST #1254 88122. Publications Mail Agreement Number 1069624. Printed in the U.S.A.

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Science

342 (6162)

Science **342** (6162), 1018-4042.

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