

MICROSCOPY AND MICROANALYSIS, FirstView Articles

Cryogenic Transmission Electron Microscopy: Aqueous Suspensions of Nanoscale Objects—ERRATUM
Nathan D. Burrows and R. Lee Penn

[Microscopy and Microanalysis, FirstView Articles, pp 1-1](#)

doi: 10.1017/S1431927613013809, Published online by Cambridge University Press 23 Oct 2013

Fungal-Induced Deterioration of Mural Paintings: *In Situ* and Mock-Model Microscopy Analyses

Nikola Unković and Milica Ljaljević Grbić and Miloš Stupar and Željko Savković and Aleksa Jelikić and Dragan Stanojević and Jelena Vukojević

[Microscopy and Microanalysis, FirstView Articles, pp 1-12](#)

doi: 10.1017/S1431927616000544, Published online by Cambridge University Press 26 Feb 2016

Material study of a liturgical cope from the 16th century

T. Ferreira and H. Moreiras and A. Manhita and C. Frade and E. Lopes and P. Tomaz and P.S. Rodrigues and J. Mirão and C. Dias and A.T. Caldeira

[Microscopy and Microanalysis, FirstView Articles, pp 1-3](#)

doi: 10.1017/S1431927615015299, Published online by Cambridge University Press 12 Oct 2015

Comparison of Additive Manufactured and Conventional 316L Stainless Steels—ERRATUM

J. J. H. Lim and L. R. C. Malheiros and G. Bertali and C. J. Long and P. D. Freyer and M. G. Burke

[Microscopy and Microanalysis, FirstView Articles, pp 1-1](#)

doi: 10.1017/S143192761501555X, Published online by Cambridge University Press 04 Dec 2015

Atomic Force Microscopy Study of Atherosclerosis Progression in Arterial Walls

Peter S. Timashev and Svetlana L. Kotova and Galina V. Belkova and Ekaterina V. Gubar'kova and Lidia B. Timofeeva and Natalia D. Gladkova and Anna B. Solovieva

[Microscopy and Microanalysis, FirstView Articles, pp 1-15](#)

doi: 10.1017/S1431927616000039, Published online by Cambridge University Press 04 Feb 2016

Investigation of the Transition from Local Anodic Oxidation to Electrical Breakdown During Nanoscale Atomic Force Microscopy Electric Lithography of Highly Oriented Pyrolytic Graphite

Ye Yang and Jun Lin

[Microscopy and Microanalysis, FirstView Articles, pp 1-8](#)

doi: 10.1017/S1431927616000027, Published online by Cambridge University Press 05 Feb 2016

Fluorescence-Detected Linear Dichroism of Wood Cell Walls in Juvenile Serbian Spruce: Estimation of Compression Wood Severity

Aleksandar Savić and Aleksandra Mitrović and Lloyd Donaldson and Jasna Simonović Radosavljević and Jelena Bogdanović Pristov and Gabor Steinbach and Győző Garab and Ksenija Radotić

[Microscopy and Microanalysis, FirstView Articles, pp 1-7](#)

doi: 10.1017/S143192761600009X, Published online by Cambridge University Press 09 Feb 2016

Density Functional Theory Modeling of Low-Loss Electron Energy-Loss Spectroscopy in Wurtzite III-Nitride Ternary Alloys

Alberto Eljarrat and Xavier Sastre and Francesca Peiró and Sónia Estradé

[Microscopy and Microanalysis, FirstView Articles, pp 1-11](#)

doi: 10.1017/S1431927616000106, Published online by Cambridge University Press 12 Feb 2016

Use of the Distance Transform for Integration of Local Measurements: Principle and Application in Chemical Engineering

Loïc Sorbier and Frédéric Bazer-Bachi and Yannick Blouët and Maxime Moreaud and Virginie Moizan-Basle

[Microscopy and Microanalysis, FirstView Articles, pp 1-10](#)

doi: 10.1017/S1431927616000015, Published online by Cambridge University Press 16 Feb 2016

Determination of Electron Optical Properties for Aperture Zoom Lenses Using an Artificial Neural Network Method

Nimet Isik

[Microscopy and Microanalysis, FirstView Articles, pp 1-5](#)

doi: 10.1017/S1431927616000118, Published online by Cambridge University Press 16 Feb 2016

Quantitative Imaging of FRET-Based Biosensors for Cell- and Organelle-Specific Analyses in Plants

Swayoma Banerjee and Luis Rene Garcia and Wayne K. Versaw

[Microscopy and Microanalysis, FirstView Articles, pp 1-11](#)

doi: 10.1017/S143192761600012X, Published online by Cambridge University Press 16 Feb 2016



MICROSCOPY AND MICROANALYSIS, FirstView Articles

Live Cell Imaging of Actin Dynamics in the Filamentous Fungus *Aspergillus nidulans*
Zachary Schultzhaus and Laura Quintanilla and Angelyn Hilton and Brian D. Shaw

[Microscopy and Microanalysis, FirstView Articles, pp 1-11](#)

doi: 10.1017/S1431927616000131, Published online by Cambridge University Press 16 Feb 2016

Pigment Degradation in Oil Paint Induced by Indoor Climate: Comparison of Visual and Computational Backscattered Electron Images
Katrien Keune and Rick P. Kramer and Zara Huijbregts and Henk L. Schellen and Marc H.L. Stappers and Margriet H. van Eikema Hommes

[Microscopy and Microanalysis, FirstView Articles, pp 1-10](#)

doi: 10.1017/S1431927616000076, Published online by Cambridge University Press 19 Feb 2016

A Complete Overhaul of the Electron Energy-Loss Spectroscopy and X-Ray Absorption Spectroscopy Database: eelsdb.eu
Philip Ewels and Thierry Sikora and Virginie Serin and Chris P. Ewels and Luc Lajaunie

[Microscopy and Microanalysis, FirstView Articles, pp 1-8](#)

doi: 10.1017/S1431927616000179, Published online by Cambridge University Press 22 Feb 2016

Scanning Electron Microscopy Reveals Two Distinct Classes of Erythroblastic Island Isolated from Adult Mammalian Bone Marrow
Jia Hao Yeo and Bronwyn M. McAllan and Stuart T. Fraser

[Microscopy and Microanalysis, FirstView Articles, pp 1-11](#)

doi: 10.1017/S1431927616000155, Published online by Cambridge University Press 22 Feb 2016

Advanced Image Acquisition and Analytical Techniques for Studies of Living Cells and Tissue Sections
Michal Franek and Jana Suchánková and Petra Sehnalová and Jana Krejčí and Soňa Legartová and Stanislav Kozubek and Josef Večeřa and Dmitry V. Sorokin and Eva Bártová

[Microscopy and Microanalysis, FirstView Articles, pp 1-16](#)

doi: 10.1017/S1431927616000052, Published online by Cambridge University Press 23 Feb 2016

2-Photon Characterization of Optical Proteolytic Beacons for Imaging Changes in Matrix-Metalloprotease Activity in a Mouse Model of Aneurysm
Darren G. Haskett and David Maestas and Stephen J. Howerton and Tyler Smith and D. Catalina Ardila and Tom Doetschman and Urs Utzinger and Dominic McGrath and J. Oliver McIntyre and Jonathan P. Vande Geest

[Microscopy and Microanalysis, FirstView Articles, pp 1-12](#)

doi: 10.1017/S1431927616000088, Published online by Cambridge University Press 23 Feb 2016

Effects of Noninhibitory Serpin Maspin on the Actin Cytoskeleton: A Quantitative Image Modeling Approach
Mohammed Al-Mamun and Lorna Ravenhill and Worawut Srisukkhom and Alamgir Hossain and Charles Fall and Vincent Ellis and Rosemary Bass

[Microscopy and Microanalysis, FirstView Articles, pp 1-16](#)

doi: 10.1017/S1431927616000520, Published online by Cambridge University Press 24 Feb 2016

Incipient UV-Induced Structural Changes in Neutrophil Granulocytes: Morphometric and Texture Analysis of Two-Dimensional Digital Images
Ivan Grbatinić and Nebojša T. Milošević

[Microscopy and Microanalysis, FirstView Articles, pp 1-7](#)

doi: 10.1017/S1431927616000532, Published online by Cambridge University Press 24 Feb 2016

Functional Analysis of the Chloroplast Division Complex Using *Schizosaccharomyces pombe* as a Heterologous Expression System
Allan D. TerBush and Chris A. Porzondek and Katherine W. Osteryoung

[Microscopy and Microanalysis, FirstView Articles, pp 1-15](#)

doi: 10.1017/S1431927616000143, Published online by Cambridge University Press 26 Feb 2016

Multi-analytical characterization of paper samples exhibiting foxing stains
C. Relvas and M. Nunes and F. Figueira and J. Campelo and A. Candeias and A.T. Caldeira and T. Ferreira

[Microscopy and Microanalysis, FirstView Articles, pp 1-3](#)

doi: 10.1017/S1431927615015305, Published online by Cambridge University Press 12 Oct 2015

