

Non MMT Scientific Publications by MMT Staff

The Effects of Space Weathering at UV Wavelengths: S-Class Asteroids

A. R. Hendrix, F. Vilas

AJ, **132**, 1396

Detection and Discrimination of Sulfate Minerals using Reflectance Spectroscopy

E. A. Cloutis et al., F. Vilas

Icarus, **184**, 121

Early Time Chromatic Variations in the Wind-Swept Medium of GRB 021211 and the Faintness of its Afterglow

M. C. Nysewander et al., G. G. Williams

ApJ, **651**, 994

Rapid Multiwaveband Polarization Variability in the Quasar PKS 0420–014: Optical Emission from the Compact Radio Jet

F. D. D’Arcangelo et al., G. G. Williams

ApJ, **659**, L107

Highly Polarized Optically Selected BL Lacertae Objects

P. S. Smith, G. G. Williams, G. D. Schmidt, A. M. Diamond-Stanic, D. L. Means

ApJ, **663**, 118

SPITZER Observations of Low-Luminosity Isolated and Low Surface Brightness Galaxies

J. L. Hinz, M. J. Rieke, G. H. Rieke, C. N. A. Willmer, K. Misselt, C. W. Engelbracht,

M. Blaylock, T. E. Pickering

ApJ, **663**, 895

Exploring the Asteroid Belt with Ion Propulsion: Dawn Mission History, Status and Plans

C. T. Russell et al., F. Vilas

Advances in Space Research, **40**, 193

Late Light Curves of Normal Type Ia Supernovae

J. C. Lair, M. D. Leising, P. A. Milne, G. G. Williams

AJ, **132**, 2024

The Inner Jet of an Active Galactic Nucleus as Revealed by a Radio-to- γ -Ray Outburst

A. P. Marscher, G. G. Williams et al.

Nature, **452**, 966

The 2004 Las Campanas/Lowell Observatory Itokawa Campaign: I. Simultaneous Visible and Near-Infrared Photometry of the Hayabusa Mission Target

J. E. Thomas-Osip, F. Vilas et al.

Earth Planets Space, **60**, 39

The 2004 Las Campanas/Lowell Observatory Itokawa Campaign II. Surface Properties of Hayabusa Target Asteroid 25143 Itokawa Inferred from Hapke Modeling

S. M. Lederer, F. Vilas et al.

Earth Planets Space, **60**, 49

A Newly-Identified Spectral Reflectance Signature Near the Lunar South Pole and the South Pole-Aitken Basin

F. Vilas et al.

Earth Planets Space, **60**, 67

Local Topographic Effects on Photometry and Reflectance Spectra of Planetary Surfaces: An Example Based on Lunar Photometry

D. Domingue, F. Vilas

Meteoritics & Planetary Science, **42**, 1801

Mineralogical Composition of (25143) Itokawa 1998 SF₃₆ from Visible and Near-Infrared Reflectance Spectroscopy: Evidence for Partial Melting

P. A. Abell, F. Vilas et al.

Meteoritics & Planetary Science, **42**, 2165

Multi-Wavelength Observations of Asteroid 2100 Ra-Shalom

M. K. Shepard, F. Vilas, et al.

Icarus, **193**, 20

Near-Infrared Spectrophotometry of Asteroid 25143 Itokawa from NIRS on the Hayabusa Spacecraft

K. Kitazato, F. Vilas et al.

Icarus, **194**, 137

The Inner Jet of an Active Galactic Nucleus as Revealed by a Radio-to- γ -Ray Outburst

A. Marscher, et al., G. Grant Williams

Nature, **452**, 966

Spectroscopic Observations of Mercury's Surface Reflectance during MESSENGER's First Mercury Flyby

W. McClintock, et al., F. Vilas

Science, **321**, 62

Evidence for Extended Acceleration of Solar Flare Ions from 1-8 MeV Solar Neutrons Detected with the MESSENGER Neutron Spectrometer

W.C. Feldman, et al., F. Vilas

J. Geophys. Res., **115**, A01102