

44 Publications, h-index: 13 Scopus, 15 Google Scholar

No.1 Key : A

AUTHORS: Aramendia, Julene; Gomez-Nubla, Leticia; de Vallejuelo, Silvia Fdez-Ortiz; Castro, Kepa; Murelaga, Xabier; Madariaga, Juan Manuel

TITLE : New Findings by Raman Microspectroscopy in the Bulk and Inclusions Trapped in Libyan Desert Glass

JOURNAL : Spectroscopy Letters, vol. 44, issue 7-8, pp. 521-525, 2011

No. 2 Key: A

AUTHORS: L. Gomez-Nubla, J. Aramendia, A. Alonso-Olazabal, S. Fdez-Ortiz de Vallejuelo, K. Castro, L.A. Ortega, M.C. Zuloaga, X. Murelaga and J.M. Madariaga

TITLE: Darwin impact glass study by Raman spectroscopy in combination with other spectroscopic techniques

JOURNAL: Journal of Raman Spectroscopy, vol. 46, pp. 913-919, 2015

No. 3 Key: A

AUTHORS : J. Aramendia, L. Gomez-Nubla, K. Castro and J.M. Madariaga

TITLE : The structural and chemical analyzer system for the analysis of deposited atmospheric particles and degradation compounds present on the surfaces of outdoors weathering steel objects

JOURNAL: Microchemical Journal, vol. 123, pp. 267-275, 2015

No. 4 Key: A

AUTHORS: L. Gomez-Nubla, J. Aramendia, S. Fdez-Ortiz de Vallejuelo, A. Alonso-Olazabal, K. Castro. M.C. Zuluaga, L.A. Ortega, X. Murelaga and J.M. Madariaga

TITLE: Spectroscopic study to determine the formation conditions of Libyan Desert Glass

JOURNAL: Analytical and Bioanalytical Chemistry, 409, 3597-3610, 2017

No. 5 Key: A

AUTHORS: I. Torre-Fdez, J. Aramendia, L. Gomez-Nubla, K. Castro and J.M. Madariaga

TITLE: Geochemical study of the NWA 6148 Martian Meteorite and its terrestrial weathering processes

JOURNAL: Journal of Raman Spectroscopy, 48, 1536-1543, 2017

No. 6 Key: R

AUTHORS: J. Aramendia, L. Gomez-Nubla, K. Castro, S. Fdez-Ortiz de Vallejuelo, G. Arana, M. Maguregui, V. G. Baonza, J. Medina, F. Rull, J. M. Madariaga

TITLE: Overview of the techniques used for the study of non-terrestrial bodies: Proposition of novel non-destructive methodology

JOURNAL: TrAC (Trends in Analytical Chemistry), 98, 36-46, 2018

No. 7 Key: A

AUTHORS: Gómez-Nubla, L., Aramendia, J., Fdez-Ortiz de Vallejuelo, S., Castro, K., Madariaga, J.M.

TITLE: Detection of organic compounds in impact glasses formed by the collision of an extraterrestrial material with the Libyan Desert (Africa) and Tasmania (Australia)

JOURNAL: ABC, 410, 6609-6617, 2018

No. 8 Key : A

AUTHORS: Torre-Fdez, I., Aramendia, J., Gomez-Nubla, L., Castro, K., Maguregui, M., Fdez-Ortiz de Vallejuelo, S., Arana, G., Madariaga, J.M.

TITLE: Non-destructive characterisation of the Elephant Moraine 83227 meteorite using confocal Raman, micro-energy-dispersive X-ray fluorescence and Raman-scanning electron microscope- energy dispersive X-ray microscopies

JOURNAL: Analytical and Bioanalytical Chemistry, 410, 7477-7488, 2018

No. 9 Key : A

AUTHORS: Aramendia, J., Gómez-Nubla, L., Fdez-Ortiz de Vallejuelo, S., Castro, K., Arana, G., Madariaga, J.M

TITLE: The combination of Raman imaging and LIBS for quantification of original and degradation materials in Cultural Heritage

JOURNAL: Journal of Raman Spectroscopy, 50, 193-201, 2019

No. 10 Key : R

AUTHORS: J. A. Manrique, G. Lopez-Reyes, A. Cousin, F. Rull, S. Maurice, R. C. Wiens, M. B. Madsen, J. M. Madariaga, O. Gasnault, J. Aramendia, G. Arana, et al.

TITLE: SuperCam Calibration Targets: Design and Development

JOURNAL: Space Science Reviews, 216(8), 138, 2020.

No. 11 Key : A

AUTHORS: Huidobro, J., Aramendia, J., Arana, G., Madariaga, J.M.

Title: Geochemical Characterization of the NWA 11273 Lunar Meteorite Using Nondestructive Analytical

Techniques: Original, Shocked, and Alteration Mineral Phases

Journal: ACS Earth and Space Chemistry, 5, 1333–1342, 2021

No. 12 Key : A

AUTHORS: J. Aramendia, L. Gomez-Nubla, M. Tuite, K. H. Williford, K. Castro, J.M. Madariaga

TITLE: Semi-Quantitative Surface-enhanced Raman spectroscopy method for determination of maleimide, a key molecule in Mars early life exploration

JOURNAL: Geoscience Frontiers, 12, 101226, 2021.