

# Vittoria Guglielmi

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

711  
citations

471509

17  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Historical organic dyes: a surface-enhanced Raman scattering (SERS) spectral database on Ag Lee-Meisel colloids aggregated by NaClO <sub>4</sub> . Journal of Raman Spectroscopy, 2011, 42, 1267-1281.	2.5	98
2	The joined use of n.i. spectroscopic analyses – FTIR, Raman, visible reflectance spectrometry and EDXRF – to study drawings and illuminated manuscripts. Applied Physics A: Materials Science and Processing, 2008, 92, 103-108.	2.3	62
3	Exploiting external reflection FTIR spectroscopy for the in-situ identification of pigments and binders in illuminated manuscripts. Brochantite and posnjakite as a case study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1076-1085.	3.9	42
4	Surface-enhanced Raman spectroscopy (SERS) on silver colloids for the identification of ancient textile dyes. Part II: pomegranate and sumac. Journal of Raman Spectroscopy, 2011, 42, 465-473.	2.5	41
5	Micro-Raman identification of the palette of a precious XVI century illuminated Persian codex. Journal of Cultural Heritage, 2001, 2, 291-296.	3.3	38
6	Multi-technique characterization of dyes in ancient Kaitag textiles from Caucasus. Archaeological and Anthropological Sciences, 2012, 4, 185-197.	1.8	36
7	Fourier-transform surface-enhanced Raman spectroscopy (FT-SERS) applied to the identification of natural dyes in textile fibers: an extractionless approach to the analysis. Journal of Raman Spectroscopy, 2014, 45, 211-218.	2.5	36
8	Field and Laboratory Spectroscopic Methods for the Identification of Pigments in a Northern Italian Eleventh Century Fresco Cycle. Applied Spectroscopy, 2002, 56, 827-833.	2.2	35
9	Surface-enhanced Raman spectroscopy (SERS) on silver colloids for the identification of ancient textile dyes: Tyrian purple and madder. Journal of Raman Spectroscopy, 2010, 41, 175-180.	2.5	34
10	Online coupling of high-performance liquid chromatography with surface-enhanced Raman spectroscopy for the identification of historical dyes. Journal of Raman Spectroscopy, 2016, 47, 607-615.	2.5	34
11	Identification of archaeological triterpenic resins by the non-separative techniques FTIR and <sup>13</sup> C NMR: The case of Pistacia resin (mastic) in comparison with frankincense. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 613-622.	3.9	33
12	FIELD AND LABORATORY MULTI-TECHNIQUE ANALYSIS OF PIGMENTS AND ORGANIC PAINTING MEDIA FROM AN EGYPTIAN COFFIN (26TH DYNASTY). Archaeometry, 2011, 53, 1212-1230.	1.3	28
13	Identification of Natural Dyes on Laboratory-Dyed Wool and Ancient Wool, Silk, and Cotton Fibers Using Attenuated Total Reflection (ATR) Fourier Transform Infrared (FT-IR) Spectroscopy and Fourier Transform Raman Spectroscopy. Applied Spectroscopy, 2011, 65, 1017-1023.	2.2	26
14	Non-invasive in situ analytical techniques working in synergy: The application on graduals held in the Certosa di Pavia. Microchemical Journal, 2016, 126, 172-180.	4.5	26
15	A multi-technique approach to the chemical characterization of colored inks in contemporary art: The materials of Lucio Fontana. Journal of Cultural Heritage, 2017, 23, 87-97.	3.3	23
16	Use of integrated non-invasive analyses for pigment characterization and indirect dating of old restorations on one Egyptian coffin of the XXI dynasty. Microchemical Journal, 2018, 138, 122-131.	4.5	20
17	A non-destructive spectroscopic study of the decoration of archaeological pottery: from matt-painted bichrome ceramic sherds (southern Italy, VIII-VII B.C.) to an intact Etruscan cinerary urn. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 88-97.	3.9	18
18	The combined use of SEM-EDX, Raman, ATR-FTIR and visible reflectance techniques for the characterisation of Roman wall painting pigments from Monte d'Orò area (Rome): an insight into red, yellow and pink shades. Environmental Science and Pollution Research, 2022, 29, 29419-29437.	5.3	15

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19	Pigments on Roman Wall Painting and Stucco Fragments from the Monte d'oro Area (Rome): A Multi-Technique Approach. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7121.	2.5	13
20	Widening the Scope of Inherently Chiral Electrodes: Enantiodiscrimination of Chiral Electroactive Probes with Planar Stereogenicity. <i>ChemElectroChem</i> , 2020, 7, 3429-3438.	3.4	13
21	ARCHAEOLOGICAL STUDY OF SHELLS OF HELICIDAE FROM THE EDERA CAVE (NORTHEASTERN ITALY)*. <i>Archaeometry</i> , 2009, 51, 151-173.	1.3	11
22	In Situ Nondestructive Identification of Natural Dyes in Ancient Textiles by Reflection Fourier Transform Mid-Infrared (FT-MIR) Spectroscopy. <i>Applied Spectroscopy</i> , 2015, 69, 222-229.	2.2	7
23	In-situ spectrofluorimetric identification of natural red dyestuffs in ancient tapestries. <i>Microchemical Journal</i> , 2017, 132, 77-82.	4.5	7
24	Self-Assembling Membranes Consisting of Inherently Chiral Electroactive Oligomers: Electrosynthesis, Characterization and Preliminary Tests in Potentiometric Setups. <i>ChemElectroChem</i> , 2019, 6, 4204-4214.	3.4	6
25	Degradation Products on Byzantine Glasses from Northern Tunisia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7523.	2.5	4
26	Study of a surface coating present on a Renaissance Piety from the Museum of Ancient Art (Castello Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.3	2
27	Synthesis of triarylphosphines having para -SH and -SMe groups. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3621-3630.	1.8	1
28	Synthesis of triarylphosphines having para -SH and -SMe groups Preparation of their complexes and formation of a monolayer on a gold surface. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3621-3630.	1.8	1
29	The Green Patina and Chromatic Alterations on Surfaces of Gypsum Plaster Casts by Lucio Fontana: Multidisciplinary Investigations in a Case Study of Contemporary Art. <i>Coatings</i> , 2022, 12, 426.	2.6	0