

# Jana Striova

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

617  
citations

623734

14  
h-index

677142

22  
g-index

47  
all docs

47  
docs citations

47  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prehistoric Anasazi ceramics studied by micro-Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1139-1145.	2.5	61
2	Optical devices provide unprecedented insights into the laser cleaning of calcium oxalate layers. <i>Microchemical Journal</i> , 2016, 124, 331-337.	4.5	36
3	Reflectance imaging spectroscopy in heritage science. <i>Rivista Del Nuovo Cimento</i> , 2020, 43, 515-566.	5.7	36
4	Photo-oxidative kinetics of solvent and oil-based terpenoid varnishes. <i>Polymer Degradation and Stability</i> , 2016, 123, 47-61.	5.8	35
5	The detection of copper resinate pigment in works of art: contribution from Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1186-1196.	2.5	31
6	Spectral Imaging and Archival Data in Analysing Madonna of the Rabbit Paintings by Manet and Titian. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7408-7412.	13.8	26
7	Colored grounds of gilt stucco surfaces as analyzed by a combined microscopic, spectroscopic and elemental analytical approach. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2667-2676.	3.7	23
8	Optical and spectroscopic tools for evaluating Er:YAG laser removal of shellac varnish. <i>Studies in Conservation</i> , 2015, 60, S91-S96.	1.1	22
9	Application of non-invasive optical monitoring methodologies to follow and record painting cleaning processes. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 957-966.	2.3	21
10	Thin layered drawing media probed by THz time-domain spectroscopy. <i>Analyst, The</i> , 2017, 142, 42-47.	3.5	18
11	Versatile pulsed laser setup for depth profiling analysis of multilayered samples in the field of cultural heritage. <i>Journal of Molecular Structure</i> , 2009, 924-926, 420-426.	3.6	17
12	Laser cleaning of a nineteenth-century bronze sculpture: In situ multi-analytical evaluation. <i>Studies in Conservation</i> , 2015, 60, S28-S33.	1.1	17
13	Non-invasive mapping methods for pigments analysis of Roman mural paintings. <i>Journal of Cultural Heritage</i> , 2020, 43, 311-318.	3.3	16
14	Terracotta polychrome sculptures examined before and after their conservation work: contributions from non-invasive in situ analytical techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 757-765.	3.7	15
15	Portable Raman versus portable mid-FTIR reflectance instruments to monitor synthetic treatments used for the conservation of monument surfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1733-1741.	3.7	15
16	Confocal Raman microscopy for in depth analysis in the field of cultural heritage. <i>Journal of Molecular Structure</i> , 2011, 993, 97-103.	3.6	14
17	Determination of thickness of thin turbid painted over-layers using micro-scale spatially offset Raman spectroscopy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160049.	3.4	14
18	Close to the diffraction limit in high resolution ATR FTIR mapping: demonstration on micrometric multi-layered art systems. <i>Analyst, The</i> , 2017, 142, 4801-4811.	3.5	14

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19	Chemical, morphological and chromatic behavior of mural paintings under Er:YAG laser irradiation. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 649-660.	2.3	13
20	Rubens' painting as inspiration of a later tapestry: Non-invasive analyses provide insight into artworksâ€™ history. <i>Microchemical Journal</i> , 2020, 153, 104472.	4.5	13
21	Improvement of the visibility of concealed features in artwork NIR reflectograms by information separation. , 2017, 60, 140-151.		12
22	Synchrotron infrared microspectroscopy reveals localized heterogeneities in an organically modified silicate film. <i>Vibrational Spectroscopy</i> , 2004, 35, 153-158.	2.2	11
23	Non-destructive and non-invasive analyses shed light on the realization technique of ancient polychrome prints. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 539-545.	3.9	11
24	Using Optical Coherence Tomography to Reveal the Hidden History of <i>The Landsdowne Virgin of the Yarnwinder</i> by Leonardo da Vinci and Studio. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7396-7400.	13.8	11
25	Graphic vandalism: Multi-analytical evaluation of laser and chemical methods for the removal of spray paints. <i>Journal of Cultural Heritage</i> , 2020, 44, 260-274.	3.3	11
26	Phase Separation in Class II Organically Modified Silicate Films As Probed by Phase-Imaging Atomic Force Microscopy. <i>Langmuir</i> , 2005, 21, 6137-6141.	3.5	10
27	Non-invasive identification of textile fibres using near-infrared fibre optics reflectance spectroscopy and multivariate classification techniques. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	9
28	Notes on Vestoriusâ€™ Blue â€“ New findings and investigations. <i>Journal of Cultural Heritage</i> , 2020, 45, 370-378.	3.3	8
29	Multisensorial Assessment of Laser Effects on Shellac Applied on Wall Paintings. <i>Sensors</i> , 2021, 21, 3354.	3.8	8
30	Revealing Hidden Features in Multilayered Artworks by Means of an Epi-Illumination Photoacoustic Imaging System. <i>Journal of Imaging</i> , 2021, 7, 183.	3.0	8
31	Drawing materials studied by THz spectroscopy. <i>Acta IMEKO</i> (2012), 2017, 6, 12.	0.7	8
32	Spectral Imaging and Archival Data in Analysing <i>Madonna of the Rabbit</i> Paintings by Manet and Titian. <i>Angewandte Chemie</i> , 2018, 130, 7530-7534.	2.0	6
33	Fluorescence Lifetime Phasor Analysis and Raman Spectroscopy of Pigmented Organic Binders and Coatings Used in Artworks. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 179.	2.5	6
34	Portable Sequentially Shifted Excitation Raman Spectroscopy to Examine Historic Powders Enclosed in Glass Vials. <i>Sensors</i> , 2022, 22, 3560.	3.8	6
35	Hidden colours in stuccowork damaged by fire: A multi-analytical investigation for revealing the original decorative pattern. <i>Journal of Cultural Heritage</i> , 2016, 22, 1055-1060.	3.3	5
36	Modern acrylic paints probed by optical coherence tomography and infrared reflectography. <i>Microchemical Journal</i> , 2018, 138, 65-71.	4.5	5

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37	Synchronized Hardware-Registered VIS-NIR Imaging Spectroscopy and 3D Sensing on a Fresco by Botticelli. <i>Sensors</i> , 2021, 21, 1287.	3.8	4
38	Noninvasive identification of turmeric and saffron dyes in proteinaceous textile fibres using Raman spectroscopy and multivariate analysis. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 593-607.	2.5	4
39	Revealing Underdrawings in Wall Paintings of Complex Stratigraphy with a Novel Reflectance Photoacoustic Imaging Prototype. <i>Journal of Imaging</i> , 2021, 7, 250.	3.0	4
40	THE EUROPEAN RESEARCH INFRASTRUCTURE FOR HERITAGE SCIENCE (ERIH). <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W5, 661-664.	0.2	3
41	Direct microextraction for red lakes detection in painting layers by Raman spectroscopy. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	3
42	Efficiency evaluation of chemical and physical methods for the removal of spray paints from marble substrates. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 949, 012027.	0.6	2
43	Unveiling the Invisible in Uffizi Gallery's Drawing 8P by Leonardo with Non-Invasive Optical Techniques. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7995.	2.5	2
44	Multi-analytical approach to the study of mecca gilding technique. <i>Microchemical Journal</i> , 2021, 168, 106415.	4.5	2
45	Limewashed mural paintings as seen by VIS-IR reflectography. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
46	Using Optical Coherence Tomography to Reveal the Hidden History of The Landsdowne Virgin of the Yarnwinder by Leonardo da Vinci and Studio. <i>Angewandte Chemie</i> , 2018, 130, 7518-7522.	2.0	0
47	Subpixel precision in registration of multimodal datasets. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 949, 012007.	0.6	0