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List of Publications by Year
in descending order

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471	17,359	16451 64	30922 102
papers	citations	h-index	g-index

493	493	493	11610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	â€˜Blue-â€™ and â€˜Brown-speckledâ€™ pottery from QalhÃ¢t, the Sultanate of Oman (13â€“16th centuries): Comparison with traditional Omani 19â€“20 century productions. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2022, 61, 13-26.	1.9	1
2	Raman identification of the different glazing technologies of Blue-and-White Ming porcelains. Ceramics International, 2022, 48, 1673-1681.	4.8	8
3	The early porcelain kilns of Arita: Identification of raw materials and their use from the 17th to the 19th century. Open Ceramics, 2022, 9, 100217.	2.0	1
4	Non-Invasive Raman Analysis of 18th Century Chinese Export/Armorial Overglazed Porcelain: Identification of the Different Enameling Techniques. Heritage, 2022, 5, 233-259.	1.9	11
5	On-Site Identification of Pottery with pXRF: An Example of European and Chinese Red Stonewares. Heritage, 2022, 5, 88-102.	1.9	2
6	Full Spectral Range Raman Signatures Related to Changes in Enameling Technologies from the 18th to the 20th Century: Guidelines, Effectiveness and Limitations of the Raman Analysis. Materials, 2022, 15, 3158.	2.9	10
7	On-Site Raman Spectroscopic Study of Beads from the Necropolis of Vohemar, Northern Madagascar (>13th C.). Heritage, 2021, 4, 524-540.	1.9	8
8	The enamels of the first (softâ€paste) European blueâ€andâ€white porcelains: Rouen, Saintâ€Cloud and Paris factories: Complementarity of Raman and Xâ€ray fluorescence analyses with mobile instruments to identify the cobalt ore. Journal of Raman Spectroscopy, 2021, 52, 2246-2261.	2.5	16
9	On-site contactless surface analysis of modern paintings from Galleria Nazionale (Rome) by reflectance FTIR and Raman spectroscopies. Talanta, 2021, 227, 122159.	5.5	8
10	Cobalt and Associated Impurities in Blue (and Green) Glass, Glaze and Enamel: Relationships between Raw Materials, Processing, Composition, Phases and International Trade. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (	2.5	50
11	Tribute to Derek Long: An instant snapshot of the development of Raman spectroscopy and its application in the fields of instrumentation and methodology, solidâ€state materials, cultural heritage, DFT modeling and applications in biology, microbiology, and medicine. Journal of Raman Spectroscopy, 2021, 52, 1966-1979.	2.5	0
12	The Technology Transfer from Europe to China in the 17thâ€“18th Centuries: Non-Invasive On-Site XRF and Raman Analyses of Chinese Qing Dynasty Enameled Masterpieces Made Using European Ingredients/Recipes. Materials, 2021, 14, 7434.	2.9	17
13	Nonâ€invasive onâ€site Raman study of polychrome and white enamelled glass artefacts in imitation of porcelain assigned to Bernard Perrot and his followers. Journal of Raman Spectroscopy, 2020, 51, 133-146.	2.5	26
14	An on-site Raman and pXRF study of Joseph Coteau and Philippe Parpetteâ€™s jewelled porcelain: a summit of ceramic art. Journal of Cultural Heritage, 2020, 46, 82-94.	3.3	6
15	Enhanced structural and magnetic properties of fcc colloidal crystals of cobalt nanoparticles. Nanoscale, 2020, 12, 24020-24029.	5.6	7
16	Portable X-ray Fluorescence (p-XRF) Uncertainty Estimation for Glazed Ceramic Analysis: Case of Iznik Tiles. Heritage, 2020, 3, 1302-1329.	1.9	17
17	Pigments and glassy matrix of the 17thâ€“18th century enamelled French watches: A non-invasive on-site Raman and pXRF study. Journal of Cultural Heritage, 2020, 44, 1-14.	3.3	30
18	Investigation of the Pigments and Glassy Matrix of Painted Enamelled Qing Dynasty Chinese Porcelains by Noninvasive On-Site Raman Microspectrometry. Heritage, 2020, 3, 915-940.	1.9	20

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19	Chemical Preparation Routes and Lowering the Sintering Temperature of Ceramics. Ceramics, 2020, 3, 312-339.	2.6	10
20	Asbestos-Based Pottery from Corsica: The First Fiber-Reinforced Ceramic Matrix Composite. Materials, 2020, 13, 3597.	2.9	5
21	7. Raman microspectroscopy for Cultural Heritage studies. , 2020, , 151-180.		5
22	Non-Invasive On-Site Raman Study of Pigments and Glassy Matrix of 17thâ€“18th Century Painted Enamelled Chinese Metal Wares: Comparison with French Enamelling Technology. Coatings, 2020, 10, 471.	2.6	30
23	Post-15th century European glass beads in southern Africa: Composition and classification using pXRF and Raman spectroscopy. Journal of Archaeological Science: Reports, 2020, 29, 102183.	0.5	7
24	Raman spectroscopic and SEM/EDXS analyses of high translucent Nantgarw porcelain. Journal of the European Ceramic Society, 2020, 40, 4664-4675.	5.7	19
25	European ceramic technology in the Far East: enamels and pigments in Japanese art from the 16th to the 20th century and their reverse influence on China. Heritage Science, 2020, 8, .	2.3	19
26	Glass Beads, Markers of Ancient Trade in Sub-Saharan Africa: Methodology, State of the Art and Perspectives. Heritage, 2019, 2, 2343-2369.	1.9	25
27	Identification of Lithol Red Synthetic Organic Pigment Reveals the Cause of Paint Layer Degradation on the Lazar VozareviÄ‡ Painting â€œUntitledâ€•with Copper Plates. Heritage, 2019, 2, 2612-2624.	1.9	5
28	The Chronology of Insiza Cluster Khamiâ€Phase Sites in Southâ€Western Zimbabwe: Compositional Insights from pXRF and Raman Analysis of Excavated Exotic Glass Finds. Archaeometry, 2019, 61, 874-890.	1.3	10
29	Proton conductors and their applications: A tentative historical overview of the early researches. Solid State Ionics, 2019, 334, 125-144.	2.7	62
30	Stability of lauric acid at high pressure studied by Raman spectroscopy and picosecond acoustics. European Physical Journal B, 2019, 92, 1.	1.5	2
31	The Raman signature of protonic species as a potential tool for dating or authentication of glazed pottery. Journal of Raman Spectroscopy, 2019, 50, 696-710.	2.5	14
32	On-site pXRF analysis of body, glaze and colouring agents of the tiles at the excavation site of Iznik kilns. Journal of the European Ceramic Society, 2019, 39, 2199-2209.	5.7	19
33	On-site pXRF analysis of glaze composition and colouring agents of â€œIznikâ€•tiles at Edirne mosques (15th and 16th-centuries). Ceramics International, 2019, 45, 595-605.	4.8	23
34	Understanding Fracture and Fatigue at the Chemical Bond Scale: Potential of Raman Spectroscopy. , 2019, , 655-672.		0
35	FTIR spectroscopic semi-quantification of iron phases: A new method to evaluate the protection ability index (PAI) of archaeological artefacts corrosion systems. Corrosion Science, 2018, 133, 68-77.	6.6	86
36	Non-invasive on-site Raman study of blue-decorated early soft-paste porcelain: The use of arsenic-rich (European) cobalt ores â€“ Comparison with huafalang Chinese porcelains. Ceramics International, 2018, 44, 9018-9026.	4.8	34

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37	Graphene and related 2D materials: An overview of the Raman studies. Journal of Raman Spectroscopy, 2018, 49, 8-12.	2.5	63
38	Onâ€site Raman study of artwork: Procedure and illustrative examples. Journal of Raman Spectroscopy, 2018, 49, 921-934.	2.5	36
39	Understanding Fracture and Fatigue at the Chemical Bond Scale: Potential of Raman Spectroscopy. , 2018, , 1-19.		0
40	The short-range structure and hydration process of fluorine-substituted double perovskites based on barium-calcium niobate Ba 2 CaNbO 5.5. Journal of Physics and Chemistry of Solids, 2018, 118, 32-39.	4.0	23
41	Regenerated silk matrix composite materials reinforced by silk fibres: Relationship between processing and mechanical properties. Journal of Composite Materials, 2018, 52, 2301-2311.	2.4	12
42	Raman microspectroscopy for Cultural Heritage studies. Physical Sciences Reviews, 2018, 3, .	0.8	8
43	Non-invasive Raman identification of crystalline and glassy phases in a 1781 SÃ¨vres Royal Factory soft paste porcelain plate. Journal of the European Ceramic Society, 2018, 38, 5228-5233.	5.7	36
44	Silk. , 2018, , 137-183.		6
45	On-site Raman analysis of 17th and 18th century Limoges enamels: Implications on the European cobalt sources and the technological relationship between Limoges and Chinese enamels. Ceramics International, 2017, 43, 10158-10165.	4.8	39
46	Raman and XRF classification of Asian and European glass beads recovered at Mutamba, a southern African Middle Iron Age site. Journal of Archaeological Science: Reports, 2017, 13, 333-340.	0.5	10
47	Non-invasive Raman analyses of Chinese huafalang and related porcelain wares. Searching for evidence for innovative pigment technologies. Ceramics International, 2017, 43, 12079-12088.	4.8	49
48	Crystal structure, chemical stability and electrical properties of Sr2MnNbO6Ââ¯ÂÎ´, Sr2Cr0.5Mn0.5NbO6Ââ¯ÂÎ´ and Sr2CuNbO6Ââ¯ÂÎ´ perovskites. Journal of Solid State Electrochemistry, 2017, 21, 3179-3187.	2.5	3
49	Revisiting Baranda: a multi-analytical approach in classifying sixteenth/seventeenth-century glass beads from northern Zimbabwe. Antiquity, 2017, 91, 751-764.	1.0	15
50	Structural modifications of lanthanum silicate oxyapatite exposed to high water pressure. Journal of the European Ceramic Society, 2017, 37, 2149-2158.	5.7	9
51	Comparative analysis of wucai Chinese porcelains using mobile and fixed Raman microspectrometers. Ceramics International, 2017, 43, 14244-14256.	4.8	45
52	Aminoâ€methyl coumarin as a potential SERS@Ag probe for the evaluation of protease activity and inhibition. Journal of Raman Spectroscopy, 2017, 48, 82-88.	2.5	12
53	Micromechanics of fresh and 30-year-old Nephila inaurata madagascariensis dragline silk. Journal of Materials Science, 2017, 52, 11759-11773.	3.7	5
54	CdS _x Se _{1â¯ x} quantum dots as colouring agents of Art Nouveau and contemporary stained glass: a combined transmission electron microscopy and Raman study. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160045.	3.4	11

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55	On-site identification of Sceaux porcelain and faience using a portable Raman instrument. Ceramics International, 2016, 42, 14918-14927.	4.8	25
56	Late Roman and Byzantine mosaic opaque â€œglass-ceramicsâ€•tesserae (5th-9th century). Ceramics International, 2016, 42, 18859-18869.	4.8	44
57	Solvent Effects on Cobalt Nanocrystal Synthesisâ€”A Facile Strategy To Control the Size of Co Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 22054-22061.	3.1	14
58	Metal nanoparticles in contemporary pottersâ€™ master pieces: Lustre and red â€œpigeon bloodâ€•potteries as models to understand the ancient pottery. Ceramics International, 2016, 42, 15349-15357.	4.8	34
59	Unravelling the glass trade bead sequence from Magoro Hill, South Africa: separating pre-seventeenth-century Asian imports from later European counterparts. Heritage Science, 2016, 4, .	2.3	15
60	Towards refining the classification of glass trade beads imported into Southern Africa from the 8th to the 16th century AD. Journal of Cultural Heritage, 2016, 19, 435-444.	3.3	17
61	Analysis of artistâ€™s palette on a 16th century wood panel painting by portable and laboratory Raman instruments. Vibrational Spectroscopy, 2016, 85, 62-70.	2.2	49
62	Low wavenumber Raman scattering of cobalt nanoparticles selfâ€•organized in 3D superlattices far from surface plasmon resonance. Journal of Raman Spectroscopy, 2016, 47, 248-251.	2.5	13
63	Natural Nanosized Raw Materials and Sol-Gel Technology: The Base of Pottery Since Millenniums. , 2016, , 59-73.		0
64	UVâ€“Vis-NIR and microRaman spectroscopies for investigating the composition of ternary CdS 1â^'x Se x solid solutions employed as artists' pigments. Microchemical Journal, 2016, 125, 279-289.	4.5	23
65	UVâ€“Vis-NIR and micro Raman spectroscopies for the non destructive identification of Cd 1â^'x Zn x S solid solutions in cadmium yellow pigments. Microchemical Journal, 2016, 124, 856-867.	4.5	68
66	Beads excavated from Antsiraka Boira necropolis (Mayotte Island, 12th-13th centuries). ArcheoSciences, 2016, , 83-102.	0.1	15
67	Toward a Raman/FORS discrimination between Art Nouveau and contemporary stained glasses from CdS_xSe_{1â€‰â^'â€‰x} nanoparticles signatures. Journal of Raman Spectroscopy, 2015, 46, 1129-1139.	2.5	29
68	Onâ€Site Identification of Early BÃ¶ttger Red Stoneware Using Portable <scp>XRF</scp>/Raman Instruments: 2, Glaze & Gilding Analysis. Journal of the American Ceramic Society, 2015, 98, 3006-3013.	3.8	36
69	Water pressure enhanced sintering of alkaline-earth perovskite ceramics. Ceramics International, 2015, 41, 11528-11533.	4.8	1
70	Analyses non destructives par spectroscopies infrarouge et Raman. Les Nouvelles De L'archÃ©ologie, 2015, , .	0.0	0
71	Fourier Transform Raman and Statistical Analysis of Thermally Altered Samples of Amber. Applied Spectroscopy, 2015, 69, 1457-1463.	2.2	14
72	The role of marine aerosol in the formation of (double) sulfate/nitrate salts in plasters. Microchemical Journal, 2015, 123, 148-157.	4.5	27

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73	Structural stability of anhydrous proton conducting SrZr0.9Er0.1O3â^'Î´ perovskite ceramic vs. protonation/deprotonation cycling: Neutron diffraction and Raman studies. Journal of Physics and Chemistry of Solids, 2015, 83, 85-95.	4.0	9
74	Protonation and structural/chemical stability of Ln2NiO4+ ceramics vs. H2O/CO2: High temperature/water pressure ageing tests. Journal of Alloys and Compounds, 2015, 622, 1074-1085.	5.5	20
75	The origin of Mg sulphate and other salts formed on pure calcium carbonate substrate â€“ Tufa stone blocks built into the Gradac Monastery, Serbia. Construction and Building Materials, 2015, 98, 25-34.	7.2	11
76	Chemical and structural stability of La0.6Sr0.4Co0.2Fe0.8O3â^' ceramic vs. medium/high water vapor pressure. Ceramics International, 2015, 41, 14137-14147.	4.8	30
77	Colouring Agents in the Pottery Glazes of Western <scp>A</scp>natolia: New Evidence for the Use of <scp>N</scp>aples Yellow Pigment Variations During The Late <scp>B</scp>yzantine Period. Archaeometry, 2015, 57, 476-496.	1.3	31
78	Toward a fast non-destructive identification of pottery: The sourcing of 14thâ€“16th century Vietnamese and Chinese ceramic shards. Journal of Cultural Heritage, 2015, 16, 159-172.	3.3	40
79	Rocks as blue, green and black pigments/dyes of glazed pottery and enamelled glass artefacts ? A review. European Journal of Mineralogy, 2014, 25, 863-879.	1.3	47
80	Onâ€Site Identification of Early BÃ–TTGER Red Stoneware Made at Meissen Using Portable <scp>XRF</scp>: 1, Body Analysis. Journal of the American Ceramic Society, 2014, 97, 2745-2754.	3.8	33
81	The influence of building materials on salt formation in rural environments. Environmental Earth Sciences, 2014, 72, 1939-1951.	2.7	24
82	The source of blue colour of archaeological glass and glazes: the Raman spectroscopy/SEMâ€EDS answers. Journal of Raman Spectroscopy, 2014, 45, 1251-1259.	2.5	27
83	Combined bulk and surface analysis of the BaCe0.5Zr0.3Y0.16Zn0.04O3â^'Î´ (BCZYZ) ceramic proton-conducting electrolyte. Solid State Ionics, 2014, 262, 870-874.	2.7	32
84	Origin of the variability of the mechanical properties of silk fibers: 4. Order/crystallinity along silkworm and spider fibers. Journal of Raman Spectroscopy, 2014, 45, 895-902.	2.5	16
85	Inside the glassmaker technology: search of Raman criteria to discriminate between Emile GallÃ© and Philippeâ€Joseph Brocard enamels and pigment signatures. Journal of Raman Spectroscopy, 2014, 45, 456-464.	2.5	23
86	Water dependent structural changes of silk from Bombyx mori gland to fibre as evidenced by Raman and IR spectroscopies. Vibrational Spectroscopy, 2014, 73, 79-89.	2.2	56
87	Protective ability index measurement through Raman quantification imaging to diagnose the conservation state of weathering steel structures. Journal of Raman Spectroscopy, 2014, 45, 1076-1084.	2.5	55
88	Stress and temperature driven phase transitions in single crystalline KNbO<inf>3</inf> and textured KNL-NTS ceramics: A Raman andthermal expansion study. , 2014, , .		1
89	Analyse Raman in situ de la dÃ©formation dâ€™un hydrogel nanocomposite. Revue Des Composites Et Des Materiaux Avances, 2014, 24, 67-79.	0.6	1
90	Understanding the nano- and macromechanical behaviour, the failure and fatigue mechanisms of advanced and natural polymer fibres by Raman/IR microspectrometry. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2013, 4, 013001.	1.5	12

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91	Testing the Chemical/Structural Stability of Proton Conducting Perovskite Ceramic Membranes by in Situ/ex Situ Autoclave Raman Microscopy. Membranes, 2013, 3, 311-330.	3.0	28
92	Lacquerware Pigment Identification with Fixed and Mobile Raman Microspectrometers: A Potential Technique to Differentiate Original/Fake Artworks. Arts, 2013, 2, 111-123.	0.3	30
93	Mobile Raman spectroscopy analysis of ancient enamelled glass masterpieces. Analytical Methods, 2013, 5, 4345.	2.7	49
94	Stress-modified phase transitions in polarized PMN-PIN-PT, KN and KNL-NTS single crystals/textured ceramics: Thermal expansion and Raman scattering studies. , 2013, , .		1
95	Portuguese tin-glazed earthenware from the 16th century: A spectroscopic characterization of pigments, glazes and pastes. Applied Surface Science, 2013, 285, 144-152.	6.1	23
96	Portuguese tin-glazed earthenware from the 17th century. Part 1: Pigments and glazes characterization. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 104, 437-444.	3.9	23
97	Bulk protons in anhydrous perovskitesâ€"neutron scattering studies. Solid State Ionics, 2013, 252, 7-11.	2.7	12
98	In search of the optimum Raman/IR signatures of potential ingredients used in San/Bushman rock art paint. Journal of Archaeological Science, 2013, 40, 2981-2990.	2.4	48
99	Proton and Protonic Species: The Hidden Face of Solid State Chemistry. How to Measure Hâ€Content in Materials?. Fuel Cells, 2013, 13, 6-18.	2.4	60
100	Vibrational properties of silicates: A cluster model able to reproduce the effect of â€œSiO4â€• polymerization on Raman intensities. Journal of Non-Crystalline Solids, 2013, 370, 10-17.	3.1	39
101	Aqua oxyhydroxycarbonate second phases at the surface of Ba/Srâ€based proton conducting perovskites: a source of confusion in the understanding of proton conduction. Journal of Raman Spectroscopy, 2013, 44, 312-320.	2.5	35
102	Heterogeneity in iron-doped titania flower-like nanocrystalline aggregates: detection of brookite and anatase/rutile sizeâ€“strain modeling. Journal of Applied Crystallography, 2013, 46, 1874-1876.	4.5	5
103	The Destructive/Non-Destructive Identification of Enameled Pottery, Glass Artifacts and Associated Pigmentsâ€"A Brief Overview. Arts, 2013, 2, 77-110.	0.3	59
104	Proton Content and Nature in Perovskite Ceramic Membranes for Medium Temperature Fuel Cells and Electrolysers. Membranes, 2012, 2, 493-509.	3.0	39
105	High water pressure - high temperature autoclave for in situ Raman study of fuel cell/electrolyser materials.. Materials Research Society Symposia Proceedings, 2012, 1385, 1.	0.1	3
106	Structural and Electrical Properties of Nanostructured Ba_{0.8}Sr_{0.2}TiO₃ Films Deposited by Pulsed Laser Deposition. Journal of Nano Research, 2012, 18-19, 299-306.	0.8	0
107	Face to face with enemy â€“ analysis of aqua carbonate hydroxide second surface phases in proton conducting perovskite ceramic electrolytic membrane.. Materials Research Society Symposia Proceedings, 2012, 1384, 1.	0.1	5
108	Effects of Eu³⁺ Concentration on Structural, Optical and Vibrational Properties of Multifunctional Ce_{1â^'x}Eu_xO_{2â^'Î´} Nanoparticles Synthesized by Thermolysis of 2,4-Pentanedione Complexes. Journal of Nanoscience and Nanotechnology, 2012, 12, 8893-8899.	0.9	7

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109	Sol-Gel Routes and Proton Conductors. , 2012, , 59-71.		1
110	Optimum temperature range for the proton dynamics in H-doped BaZrO₃:Yb dense ceramicsâ€"a neutron scattering study. Journal of Materials Research, 2012, 27, 1939-1949.	2.6	8
111	Raman Mapping for the Investigation of Nano-phased Materials. Springer Series in Optical Sciences, 2012, , 85-118.	0.7	13
112	The onâ€site/remote Raman analysis with mobile instruments: a review of drawbacks and success in cultural heritage studies and other associated fields. Journal of Raman Spectroscopy, 2012, 43, 1529-1535.	2.5	146
113	The structural and dynamics neutron study of proton conductors: Difficulties and improvement procedures in protonated perovskite. European Physical Journal: Special Topics, 2012, 213, 171-193.	2.6	18
114	Structural modifications induced by free protons in proton conducting perovskite zirconate membrane. Solid State Ionics, 2012, 225, 214-218.	2.7	17
115	Pottery, Glass and Enamelled Artefacts: How to Extract Information on their Manufacture Technology, Origin and Age?. , 2012, , 245-267.		10
116	Origin of the variability of the mechanical properties of silk fibres: 1 â€•The relationship between disorder, hydration and stress/strain behaviour. Journal of Raman Spectroscopy, 2012, 43, 425-432.	2.5	25
117	Raman classification of glass beads excavated on Mapungubwe hill and K2, two archaeological sites in South Africa. Journal of Raman Spectroscopy, 2012, 43, 532-542.	2.5	30
118	Characterization of pottery from Republic of Macedonia. III. A study of comparative mineralogical detection efficiency using microâ€Raman mapping and Xâ€ray diffraction. Journal of Raman Spectroscopy, 2012, 43, 792-798.	2.5	15
119	Onâ€site Raman and XRF analysis of Japanese/Chinese bronze/brass patina â€" the search for specific Raman signatures. Journal of Raman Spectroscopy, 2012, 43, 799-808.	2.5	50
120	Origin of the variability of the mechanical properties of silk fibres: 3. Order and macromolecule orientation in Bombyx mori bave, handâ€stretched strings and Nephila madagascarensis spider fibres. Journal of Raman Spectroscopy, 2012, 43, 1042-1048.	2.5	15
121	Origin of the variability of the mechanical properties of silk fibres: 2 The nanomechanics of single silkworm and spider fibres. Journal of Raman Spectroscopy, 2012, 43, 1035-1041.	2.5	22
122	Pigments and enamelling/gilding technology of Mamluk mosque lamps and bottle. Journal of Raman Spectroscopy, 2012, 43, 1975-1984.	2.5	48
123	Raman study of model glass with medieval compositions: artificial weathering and comparison with ancient samples. Journal of Raman Spectroscopy, 2012, 43, 1817-1823.	2.5	19
124	The origin of syngenite in black crusts on the limestone monument King's Gate (Belgrade Fortress,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	39
125	Ruby micro-piezospectroscopy in GdAlO3/Al2O3(/ZrO2), Er3Al5O12/Al2O3(/ZrO2) and Y3Al5O12/Al2O3(/ZrO2) binary and ternary directionally solidified eutectics. Journal of the European Ceramic Society, 2012, 32, 2145-2151.	5.7	13
126	Testing of Raman spectroscopy as a nonâ€invasive tool for the investigation of glassâ€protected miniature portraits. Journal of Raman Spectroscopy, 2012, 43, 294-302.	2.5	35

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127	Heterogeneity and Disorder in Ti_{1â^'x}Fe_yO_{2â^'d} Nanocrystal Rutile-Based Flowerlike Aggregates: Detection of Anatase. Journal of Physical Chemistry C, 2011, 115, 4395-4403.	3.1	15
128	A Raman spectroscopic study of glass trade beads excavated at Mapungubwe hill and K2, two archaeological sites in southern Africa, raises questions about the last occupation date of the hill. Journal of Archaeological Science, 2011, 38, 3264-3277.	2.4	43
129	What is the true nature of conducting proton in perovskite ceramic membrane: hydroxyl ion or interstitial proton ?. Materials Research Society Symposia Proceedings, 2011, 1309, 141.	0.1	13
130	Pigment identification of a rare 18th century wallpaper from Buffon library. Journal of Raman Spectroscopy, 2011, 42, 192-194.	2.5	10
131	The first in situ Raman spectroscopic study of San rock art in South Africa: procedures and preliminary results. Journal of Raman Spectroscopy, 2011, 42, 399-406.	2.5	96
132	Testing of Raman spectroscopy as a nonâ€invasive tool for the investigation of glassâ€protected pastels. Journal of Raman Spectroscopy, 2011, 42, 790-798.	2.5	33
133	A Raman spectroscopic study of the igneous rocks on Marion Island: a possible terrestrial analogue for the geology on Mars. Journal of Raman Spectroscopy, 2011, 42, 626-632.	2.5	27
134	Raman identification of strongly absorbing phases: the ceramic black pigments. Journal of Raman Spectroscopy, 2011, 42, 839-843.	2.5	34
135	Offâ€resonance Raman analysis of wurtzite CdS ground to the nanoscale: structural and sizeâ€related effects. Journal of Raman Spectroscopy, 2011, 42, 1007-1015.	2.5	68
136	Substitution and proton doping effect on SrZrO₃ behaviour: highâ€pressure Raman study. Journal of Raman Spectroscopy, 2011, 42, 2089-2099.	2.5	35
137	Crack propagation and stress distribution in binary and ternary directionally solidified eutectic ceramics. Journal of the European Ceramic Society, 2011, 31, 1199-1210.	5.7	32
138	Origins of rapid aging of Ba-based proton conducting perovskites. Materials Research Society Symposia Proceedings, 2011, 1311, 10701.	0.1	9
139	Influence of Heat Treatment on the Physical Transformations of Flint Used by Neolithic Societies in the Western Mediterranean. Materials Research Society Symposia Proceedings, 2011, 1319, 1.	0.1	10
140	Applications of Modern Analysis Techniques in Searching back Ancient Art Ceramic Technologies. Journal of Analytical Science and Technology, 2011, 2, A78-A83.	2.1	2
141	Onâ€site analysis of Chinese CloisonnÃ© enamels from fifteenth to nineteenth centuries. Journal of Raman Spectroscopy, 2010, 41, 780-790.	2.5	24
142	Characterization of pottery from Republic of Macedonia II. Raman and infrared analyses of glazed pottery finds from Skopsko Kale. Journal of Raman Spectroscopy, 2010, 41, 431-439.	2.5	36
143	Tentative differentiation between Iznik tiles and copies with Raman spectroscopy using both laboratory and portable instruments. Journal of Raman Spectroscopy, 2010, 41, 529-536.	2.5	31
144	Polarized microâ€Raman study of Al₂O₃â€based directionally solidified oxide eutectics containing GdAlO₃ perovskite, Er₃Al₅O₁₂ garnet and cubic ZrO₂. Journal of Raman Spectroscopy, 2010, 41, 969-977.	2.5	5

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145	Onâ€site analysis of Limoges enamels from sixteenth to nineteenth centuries: an attempt to differentiate between genuine artefacts and copies. Journal of Raman Spectroscopy, 2010, 41, 1240-1247.	2.5	71
146	Temperature-induced structure and microstructure evolution of nanostructured Ni_{0.9}Zn_{0.1}O. Journal of Applied Crystallography, 2010, 43, 699-709.	4.5	27
147	Probing the Nanodomain Origin and Phase Transition Mechanisms in (Un)Poled PMN-PT Single Crystals and Textured Ceramics. Materials, 2010, 3, 5007-5028.	2.9	57
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