

# Valentina Venuti

## List of Publications by Year in descending order

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171  
papers

3,487  
citations

147801

31  
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206112

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172  
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172  
docs citations

172  
times ranked

3674  
citing authors

#	ARTICLE	IF	CITATIONS
1	The radioactivity distribution and radiation hazard in honey samples from Italian large retailers. Journal of Physics: Conference Series, 2022, 2162, 012002.	0.4	1
2	Introduction to Cultural Heritage Analysis. , 2022, , 3-9.		0
3	Multi-Technique Diagnostic Investigation in View of the Restoration of "The Glory of St. Barbara" Painting by Mattia Preti. Applied Sciences (Switzerland), 2022, 12, 1385.	2.5	1
4	Multi-Technique Diagnostic Analysis of Plasters and Mortars from the Church of the Annunciation (Tortorici, Sicily). Materials, 2022, 15, 958.	2.9	6
5	A New Methodological Approach for the Assessment of the <sup>238</sup> U Content in Drinking Water. Applied Sciences (Switzerland), 2022, 12, 3380.	2.5	3
6	A New Radiological Risk Containment Procedure in Potentially Contaminated Areas. Applied Sciences (Switzerland), 2022, 12, 32.	2.5	1
7	Chitosan-Hyaluronan Nanoparticles for Vinblastine Sulfate Delivery: Characterization and Internalization Studies on K-562 Cells. Pharmaceutics, 2022, 14, 942.	4.5	11
8	Diagnostic investigation of the Cycle of the New Church of Sarria (Floriana, Malta) by Mattia Preti. Journal of Physics: Conference Series, 2022, 2204, 012023.	0.4	1
9	Multi-scale characterisation of late-medieval tournois of Frankish Greece provenance. Journal of Physics: Conference Series, 2022, 2204, 012024.	0.4	0
10	Spectroscopic investigation on a XVII-XVIII century terracotta slab from Calabria, Southern Italy. Journal of Physics: Conference Series, 2022, 2204, 012022.	0.4	0
11	Natural and Anthropogenic Radioactivity Content and Radiation Hazard Assessment of Baby Food Consumption in Italy. Applied Sciences (Switzerland), 2022, 12, 5244.	2.5	2
12	Rutin-Loaded Solid Lipid Nanoparticles: Characterization and In Vitro Evaluation. Molecules, 2021, 26, 1039.	3.8	21
13	2D Correlation Spectroscopy (2DCoS) Analysis of Temperature-Dependent FTIR-ATR Spectra in Branched Polyethyleneimine/TEMPO-Oxidized Cellulose Nano-Fiber Xerogels. Polymers, 2021, 13, 528.	4.5	23
14	A combined 3D surveying, XRF and Raman in situ investigation on The Conversion of St Paul painting (Mdina, Malta) by Mattia Preti. Acta IMEKO (2012), 2021, 10, 173.	0.7	4
15	Evaluation of the Radiological and Chemical Risk for Public Health from Flour Sample Investigation. Applied Sciences (Switzerland), 2021, 11, 3646.	2.5	13
16	Temperature-Dependent Dynamical Evolution in Coum/SBE- $\beta$ -CD Inclusion Complexes Revealed by Two-Dimensional FTIR Correlation Spectroscopy (2D-COS). Molecules, 2021, 26, 3749.	3.8	8
17	New insights into the structure and function of the prokaryotic communities colonizing plastic debris collected in King George Island (Antarctica): Preliminary observations from two plastic fragments. Journal of Hazardous Materials, 2021, 414, 125586.	12.4	23
18	Multitechnique diagnostic analysis and 3D surveying prior to the restoration of St. Michael defeating Evil painting by Mattia Preti. Environmental Science and Pollution Research, 2021, , 1.	5.3	5

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19	Radioactivity, Metals Pollution and Mineralogy Assessment of a Beach Stretch from the Ionian Coast of Calabria (Southern Italy). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12147.	2.6	10
20	In situ diagnostic analysis of the XVIII century Madonna della Lettera panel painting (Messina, Italy). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117822.	3.9	14
21	Pore Structure and Water Transfer in Pietra d'Aspra Limestone: A Neutronographic Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6745.	2.5	7
22	FTIR-ATR analysis of the H-bond network of water in branched polyethyleneimine/TEMPO-oxidized cellulose nano-fiber xerogels. <i>Cellulose</i> , 2020, 27, 8605-8618.	4.9	21
23	Raman Spectroscopy as Noninvasive Method of Diagnosis of Pediatric Onset Inflammatory Bowel Disease. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6974.	2.5	15
24	Investigation of glazed pottery fragments (XIX century A. D.) from Agsu site (Azerbaijan) by XRF and Raman techniques. <i>EPJ Web of Conferences</i> , 2020, 230, 00012.	0.3	2
25	Evaluating the protecting effects of two consolidants applied on Pietra di Lecce limestone: A neutronographic study. <i>Journal of Cultural Heritage</i> , 2020, 46, 31-41.	3.3	7
26	New insights to assess the consolidation of stone materials used in built heritage: the case study of ancient graffiti (Tituli Picti) in the archaeological site of Pompeii. <i>Heritage Science</i> , 2020, 8, .	2.3	5
27	RBS, PIXE, Ion-Microbeam and SR-FTIR Analyses of Pottery Fragments from Azerbaijan. <i>Heritage</i> , 2019, 2, 1852-1873.	1.9	10
28	Cross-linked cellulose nano-sponges: a small angle neutron scattering (SANS) study. <i>Cellulose</i> , 2019, 26, 9005-9019.	4.9	26
29	Physicochemical Characterization and Antioxidant Activity Evaluation of Idebenone/Hydroxypropyl- $\beta$ -Cyclodextrin Inclusion Complex. <i>Biomolecules</i> , 2019, 9, 531.	4.0	51
30	Archaeometric Characterisation of Decorated Pottery from the Archaeological Site of Villa dei Quintili (Rome, Italy): Preliminary Study. <i>Geosciences (Switzerland)</i> , 2019, 9, 172.	2.2	17
31	Analysis of the thermal fluctuations in inclusion complexes of genistein with $\beta$ -cyclodextrin derivatives. <i>Chemical Physics</i> , 2019, 516, 125-131.	1.9	5
32	Do plastics serve as a possible vector for the spread of antibiotic resistance? First insights from bacteria associated to a polystyrene piece from King George Island (Antarctica). <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 89-100.	4.3	135
33	TiO <sub>2</sub> -SiO <sub>2</sub> -PDMS nanocomposite coating with self-cleaning effect for stone material: Finding the optimal amount of TiO <sub>2</sub> . <i>Construction and Building Materials</i> , 2018, 166, 464-471.	7.2	54
34	Episodic records of jellyfish ingestion of plastic items reveal a novel pathway for trophic transference of marine litter. <i>Scientific Reports</i> , 2018, 8, 6105.	3.3	68
35	Tituli Picti in the archaeological site of Pompeii: diagnostic analysis and conservation strategies. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	4
36	A combined SR-based Raman and InfraRed investigation of pigmenting matter used in wall paintings: The San Gennaro and San Gaudioso Catacombs (Naples, Italy) case. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	11

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37	Mobile Spectroscopy in Archaeometry: Some Case Study. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-11.	1.3	12
38	Multi-analytical study of Roman frescoes from Villa dei Quintili (Rome, Italy). <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 422-432.	0.5	11
39	SANS investigation of water adsorption in tunable cyclodextrin-based polymeric hydrogels. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6022-6029.	2.8	15
40	Physicochemical properties of inclusion complexes of highly soluble $\beta$ -cyclodextrins with highly hydrophobic testosterone propionate. <i>International Journal of Pharmaceutics</i> , 2017, 534, 316-324.	5.2	11
41	Host-guest interactions in Captisol®/Coumestrol inclusion complex: UV-vis, FTIR-ATR and Raman studies. <i>Journal of Molecular Structure</i> , 2017, 1146, 512-521.	3.6	19
42	Handheld XRF and Raman equipment for the in situ investigation of Roman finds in the Villa dei Quintili (Rome, Italy). <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 117-129.	3.0	26
43	Tuning structural parameters for the optimization of drug delivery performance of cyclodextrin-based nanosponges. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 331-340.	5.0	46
44	Vibrational signatures of the water behaviour upon confinement in nanoporous hydrogels. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12252-12259.	2.8	10
45	Solute-Solvent Interactions in Aqueous Solutions of Sulfobutyl Ether- $\beta$ -cyclodextrin As Probed by UV-Raman and FTIR-ATR Analysis. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3746-3753.	2.6	6
46	SANS investigation of the salt-crystallization- and surface-treatment-induced degradation on limestones of historic artistic interest. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	6
47	Guest-matrix interactions affect the solvation of cyclodextrin-based polymeric hydrogels: a UV Raman scattering study. <i>Soft Matter</i> , 2016, 12, 8861-8868.	2.7	11
48	Nanospheres based on PLGA/amphiphilic cyclodextrin assemblies as potential enhancers of Methylene Blue neuroprotective effect. <i>RSC Advances</i> , 2016, 6, 16720-16729.	3.6	21
49	Spectroscopic investigation of Roman decorated plasters by combining FT-IR, micro-Raman and UV-Raman analyses. <i>Vibrational Spectroscopy</i> , 2016, 83, 78-84.	2.2	19
50	Isoflavone aglycons-sulfobutyl ether- $\beta$ -cyclodextrin inclusion complexes: in solution and solid state studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 27-36.	1.6	14
51	Water and polymer dynamics in a model polysaccharide hydrogel: the role of hydrophobic/hydrophilic balance. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 963-971.	2.8	27
52	Thermal fluctuations in chemically cross-linked polymers of cyclodextrins. <i>Soft Matter</i> , 2015, 11, 2183-2192.	2.7	17
53	Multi-technique investigation of Roman decorated plasters from Villa dei Quintili (Rome, Italy). <i>Applied Surface Science</i> , 2015, 349, 924-930.	6.1	36
54	Toward an understanding of the thermosensitive behaviour of pH-responsive hydrogels based on cyclodextrins. <i>Soft Matter</i> , 2015, 11, 5862-5871.	2.7	18

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55	Combining Raman and infrared spectroscopy as a powerful tool for the structural elucidation of cyclodextrin-based polymeric hydrogels. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10274-10282.	2.8	16
56	Probing the molecular connectivity of water confined in polymer hydrogels. <i>Journal of Chemical Physics</i> , 2015, 142, 014901.	3.0	13
57	A portable versus micro-Raman equipment comparison for gemmological purposes: the case of sapphires and their imitations. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1309-1317.	2.5	27
58	A multi-technique approach for the determination of the porous structure of building stone. <i>European Journal of Mineralogy</i> , 2014, 26, 189-198.	1.3	23
59	Neutron radiography for the characterization of porous structure in degraded building stones. <i>Journal of Instrumentation</i> , 2014, 9, C05024-C05024.	1.2	9
60	A multi-technique approach for the characterization of decorative stones and non-destructive method for the discrimination of similar rocks. <i>X-Ray Spectrometry</i> , 2014, 43, 83-92.	1.4	6
61	A characterization study of resveratrol/sulfobutyl ether- $\beta$ -cyclodextrin inclusion complex and in vitro anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 22-28.	5.0	107
62	Gel-sol evolution of cyclodextrin-based nanosponges: role of the macrocycle size. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 77-83.	1.6	15
63	Hydrogen-bond dynamics of water confined in cyclodextrin nanosponges hydrogel. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 69-75.	1.6	23
64	Handheld and non-destructive methodologies for the compositional investigation of meteorite fragments. <i>Analytical Methods</i> , 2014, 6, 6301-6309.	2.7	7
65	Direct evidence of gel-sol transition in cyclodextrin-based hydrogels as revealed by FTIR-ATR spectroscopy. <i>Soft Matter</i> , 2014, 10, 2320-2326.	2.7	29
66	Vibrational Density of States and Elastic Properties of Cross-Linked Polymers: Combining Inelastic Light and Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 2014, 118, 624-633.	2.6	27
67	Synthesis and characterization of a hyper-branched water-soluble $\beta$ -cyclodextrin polymer. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2586-2593.	2.2	28
68	Vibrational dynamics and hydrogen bond properties of $\beta$ -CD nanosponges: an FTIR-ATR, Raman and solid-state NMR spectroscopic study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 247-254.	1.6	53
69	Modelling the interplay between covalent and physical interactions in cyclodextrin-based hydrogel: effect of water confinement. <i>Soft Matter</i> , 2013, 9, 6457.	2.7	39
70	Influence of Chirality on Vibrational and Relaxational Properties of ( <i>S</i> )- and ( <i>R,S</i> )-ibuprofen/methyl- $\beta$ -cyclodextrin Inclusion Complexes: An INS and QENS Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11466-11472.	2.6	5
71	Small angle neutron scattering study of ancient pottery from Syracuse (Sicily, Southern Italy). <i>Journal of Archaeological Science</i> , 2013, 40, 983-991.	2.4	6
72	Combined XRF-SEM analysis of varnished pottery: the case of Syracuse and Adrano (Sicily) archaeological finds. <i>X-Ray Spectrometry</i> , 2013, 42, 38-44.	1.4	3

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73	Vibrational spectroscopy investigation of swelling phenomena in cyclodextrin nanosponges. Journal of Raman Spectroscopy, 2013, 44, 1463-1469.	2.5	28
74	Cyclodextrin-Complexation Effects on the Low-Frequency Vibrational Dynamics of Ibuprofen by Combined Inelastic Light and Neutron Scattering Experiments. Journal of Physical Chemistry B, 2013, 117, 3917-3926.	2.6	6
75	Phase solubility and FTIR-ATR studies of idebenone/sulfobutyl ether $\beta$ -cyclodextrin inclusion complex. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 255-262.	1.6	35
76	Nondestructive analyses of carbonate rocks: applications and potentiality for museum materials. X-Ray Spectrometry, 2013, 42, 8-15.	1.4	13
77	Connection between the vibrational dynamics and the cross-linking properties in cyclodextrins-based polymers. Journal of Raman Spectroscopy, 2013, 44, 1457-1462.	2.5	36
78	Iron speciation in ancient Attic pottery pigments: a non-destructive SR-XAS investigation. Journal of Synchrotron Radiation, 2012, 19, 782-788.	2.4	19
79	Effect of Cross-Linking Properties on the Vibrational Dynamics of Cyclodextrins-Based Polymers: An Experimental-Numerical Study. Journal of Physical Chemistry B, 2012, 116, 7952-7958.	2.6	50
80	Inside New Materials: An Experimental Numerical Approach for the Structural Elucidation of Nanoporous Cross-Linked Polymers. Journal of Physical Chemistry B, 2012, 116, 13133-13140.	2.6	33
81	Study of Late Roman and Byzantine glass by the combined use of analytical techniques. Journal of Non-Crystalline Solids, 2012, 358, 1554-1561.	3.1	14
82	Spectroscopic analyses of Hellenistic painted plasters from 2nd century B.C., Sicily (South Italy). Journal of Cultural Heritage, 2012, 13, 229-233.	3.3	8
83	Comparison between TOF-ND and XRD quantitative phase analysis of ancient potteries. Journal of Analytical Atomic Spectrometry, 2011, 26, 1060.	3.0	10
84	Multi-technique characterization of ancient findings from Gela (Sicily, Italy). Journal of Analytical Atomic Spectrometry, 2011, 26, 977.	3.0	11
85	Small angle neutron scattering as fingerprinting of ancient potteries from Sicily (Southern Italy). Applied Clay Science, 2011, 54, 40-40.	5.2	10
86	Combined non-destructive XRF and SR-XAS study of archaeological artefacts. Analytical and Bioanalytical Chemistry, 2011, 399, 3147-3153.	3.7	32
87	Characterisation of archaeological pottery: The case of $\alpha$ -Eolonian Cups. Journal of Molecular Structure, 2011, 993, 142-146.	3.6	9
88	A Phase Solubility Study on the Chiral Discrimination of Ibuprofen by $\beta$ -Cyclodextrin Complexes. Food Biophysics, 2011, 6, 267-273.	3.0	12
89	Potentiality of non-destructive XRF analysis for the determination of Corinthian B amphorae provenance. X-Ray Spectrometry, 2011, 40, 333-337.	1.4	29
90	Chiral recognition and complexation behaviour of $\beta$ -CyD vs. l- and dl-serine by FTIR-ATR spectroscopy. Journal of Molecular Structure, 2011, 993, 376-381.	3.6	3

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91	FT-IR spectroscopic analysis to study the firing processes of prehistoric ceramics. <i>Journal of Molecular Structure</i> , 2011, 993, 147-150.	3.6	17
92	Effect of the chiral discrimination on the vibrational properties of ( <i>R</i> )-, ( <i>S</i> )- and ( <i>R,S</i> )-ibuprofen/methyl- $\beta$ -cyclodextrin inclusion complexes. <i>Philosophical Magazine</i> , 2011, 91, 1776-1785.	1.6	12
93	Non-destructive identification of green and yellow pigments: the case of some Sicilian Renaissance glazed pottery. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 100, 845-853.	2.3	9
94	The effect of hydrogen bond on the vibrational dynamics of genistein free and complexed with $\beta$ -cyclodextrins. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 764-770.	2.5	24
95	T-dependence of the vibrational dynamics of IBP/diME- $\beta$ -CD in solid state: A FT-IR spectral and quantum chemical study. <i>Journal of Molecular Structure</i> , 2010, 972, 75-80.	3.6	12
96	Physico-chemical characterization of an amphiphilic cyclodextrin/genistein complex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 1064-1068.	2.8	39
97	Temperature Effect on the Vibrational Dynamics of Cyclodextrin Inclusion Complexes: Investigation by FTIR-ATR Spectroscopy and Numerical Simulation. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6811-6817.	2.5	34
98	Small angle neutron scattering as fingerprinting of ancient potteries from Sicily (Southern Italy). <i>Journal of Applied Physics</i> , 2009, 106, 054904.	2.5	13
99	Influence of the Host-Guest Interactions on the Mobility of Genistein/ $\beta$ -Cyclodextrin Inclusion Complex. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11032-11038.	2.6	10
100	Characterization of blue decorated Renaissance pottery fragments from Caltagirone (Sicily, Italy). <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 91-96.	2.3	19
101	A new insight on the hydrogen bonding structures of nanoconfined water: a Raman study. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 244-249.	2.5	59
102	UV-vis and FTIR-ATR characterization of 9-fluorenon-2-carboxyester/(2-hydroxypropyl)- $\beta$ -cyclodextrin inclusion complex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 704-709.	2.8	35
103	Improvement of water solubility of non-competitive AMPA receptor antagonists by complexation with $\beta$ -cyclodextrin. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8706-8712.	3.0	14
104	Physicochemical characterization of coumestrol/ $\beta$ -cyclodextrins inclusion complexes by UV-vis and FTIR-ATR spectroscopies. <i>Vibrational Spectroscopy</i> , 2008, 48, 172-178.	2.2	43
105	FT-IR absorbance spectroscopy to study Sicilian <i>proto-majolica</i> pottery. <i>Vibrational Spectroscopy</i> , 2008, 48, 269-275.	2.2	36
106	Water Diffusion in Nanoporous Glass: An NMR Study at Different Hydration Levels. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3927-3930.	2.6	25
107	A non-invasive analysis of <i>proto-majolica</i> ™ pottery from southern Italy by TOF neutron diffraction. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 104254.	1.8	7
108	Hydrogen bonding in the Raman O-H stretching band of propylene glycol in nanometre-confined space: surface interactions and finite-size effects. <i>Philosophical Magazine</i> , 2007, 87, 705-714.	1.6	3



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109	Decorated pottery study: Analysis of pigments by x-ray absorbance spectroscopy measurements. Journal of Applied Physics, 2007, 101, 064909.	2.5	10
110	Evidence of the existence of the low-density liquid phase in supercooled, confined water. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 424-428.	7.1	273
111	Neutrons as a probe of large volume specimens: the case of archaeological pottery findings. Journal of Archaeological Science, 2007, 34, 1148-1152.	2.4	6
112	Role of the solvent in the dynamical transitions of proteins: The case of the lysozyme-water system. Journal of Chemical Physics, 2007, 127, 045104.	3.0	96
113	UV-vis and FTIR-ATR spectroscopic techniques to study the inclusion complexes of genistein with $\beta$ -cyclodextrins. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 110-117.	2.8	101
114	Raman spectroscopy: Probing dynamics of water molecules confined in nanoporous silica glasses. European Physical Journal: Special Topics, 2007, 141, 61-64.	2.6	33
115	Inelastic Neutron Scattering Study of Water in Hydrated LTA-Type Zeolites. Journal of Physical Chemistry A, 2006, 110, 1190-1195.	2.5	25
116	Diffusive dynamics of water in ion-exchanged zeolites. Molecular Physics, 2006, 104, 587-598.	1.7	11
117	Spectroscopic evidence of the effects induced by non-ionizing radiation on tissue samples. Vibrational Spectroscopy, 2006, 42, 369-374.	2.2	2
118	The hydrogen-bond network in propylene-glycol studied by Raman spectroscopy. Journal of Molecular Structure, 2006, 790, 141-146.	3.6	11
119	Vibrational dynamics of a glass forming liquid in nanoscopic confinement as probed by inelastic neutron scattering. Journal of Molecular Structure, 2006, 790, 135-140.	3.6	1
120	FTIR/ATR study of water encapsulated in Na-A and Mg-exchanged A-zeolites. Vibrational Spectroscopy, 2006, 42, 375-380.	2.2	20
121	Characterization of ancient amphorae by spectroscopic techniques. Vibrational Spectroscopy, 2006, 42, 381-386.	2.2	22
122	Vibrational properties of water molecules adsorbed in different zeolitic frameworks. Journal of Physics Condensed Matter, 2006, 18, 3563-3580.	1.8	32
123	Dynamical properties of liquids in restricted geometries. Journal of Molecular Liquids, 2005, 117, 165-171.	4.9	22
124	Iqens study of the influence of confinement on diffusional dynamics of propylene glycol. Journal of Molecular Structure, 2005, 744-747, 797-800.	3.6	3
125	Mobility of water in Linde type A synthetic zeolites: an inelastic neutron scattering study. Journal of Physics Condensed Matter, 2005, 17, 7925-7934.	1.8	12
126	T dependence of vibrational dynamics of water in ion-exchanged zeolites A: A detailed Fourier transform infrared attenuated total reflection study. Journal of Chemical Physics, 2005, 123, 154702.	3.0	53



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127	Characterization of pottery fragments by nondestructive neutron diffraction. Journal of Applied Physics, 2005, 98, 103520.	2.5	9
128	Elastic neutron scattering study of water dynamics in ion-exchanged type-Azeolites. Physical Review E, 2005, 72, 061504.	2.1	9
129	FT-IR spectroscopy for the detection of liver damage. Spectroscopy, 2004, 18, 67-73.	0.8	4
130	Structural changes of tissue samples exposed to low frequency electromagnetic field: A FT-IR absorbance study. Spectroscopy, 2004, 18, 513-518.	0.8	3
131	Diffusional and vibrational dynamics of water in NaA zeolites by neutron and Fourier transform infrared spectroscopy. Journal of Physics Condensed Matter, 2004, 16, S5297-S5316.	1.8	28
132	Dependence of water vibrational dynamics upon different confining matrices. Philosophical Magazine, 2004, 84, 1405-1412.	1.6	2
133	Vibrational and diffusional dynamics of water in Mg50-A zeolites by spectroscopic investigation. Molecular Physics, 2004, 102, 1943-1957.	1.7	19
134	Neutron diffraction study of the structure of water confined in a sol-gel silica glass. Physica B: Condensed Matter, 2004, 350, E599-E601.	2.7	7
135	Neutron Scattering Study and Dynamic Properties of Hydrogen-Bonded Liquids in Mesoscopic Confinement. 2. The Zeolitic Water Case. Journal of Physical Chemistry B, 2004, 108, 4314-4323.	2.6	43
136	A FT-IR absorption analysis of vibrational properties of water encaged in NaA zeolites: evidence of a ?structure maker? role of zeolitic surface. European Physical Journal E, 2003, 12, 55-58.	1.6	14
137	Vibrational dynamics of ethylene glycol in mesoscopic confinement by incoherent inelastic neutron scattering (IINS) investigation. Journal of Molecular Structure, 2003, 651-653, 199-203.	3.6	3
138	Spectroscopic investigation of Greek ceramic artefacts. Journal of Molecular Structure, 2003, 651-653, 449-458.	3.6	23
139	Aggregation effects in aqueous solutions of Star-polymers by spectroscopic investigations. Journal of Molecular Structure, 2003, 651-653, 675-681.	3.6	8
140	Aggregation Phenomena in Aqueous Solutions of Uncharged Star Polymers with a Porphyrin Core. Journal of Physical Chemistry B, 2003, 107, 5095-5100.	2.6	35
141	Spectroscopic evidence of aggregation processes in porphyrin-based star-polymers in aqueous solutions. Molecular Physics, 2003, 101, 1517-1526.	1.7	6
142	Structure and dynamics of water confined in a nanoporous sol-gel silica glass: a neutron scattering study. Molecular Physics, 2003, 101, 3323-3333.	1.7	41
143	Diffusive relaxation processes and low-frequency dynamical properties in bulk and confined ethylene glycol by neutron spectroscopy. Journal of Chemical Physics, 2003, 118, 5971-5978.	3.0	6
144	Influence of hydroxyl end groups on the vibrational properties of polymer and monomer solutions: An attenuated total reflectance Fourier transform infrared absorbance study. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 421-424.	0.6	0

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145	Low-frequency dynamics in confined water: A comparative analysis by Raman and inelastic neutron scattering. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2002, 82, 425-430.	0.6	1
146	Neutron Scattering Study and Dynamic Properties of Hydrogen-Bonded Liquids in Mesoscopic Confinement. 1. The Water Case. Journal of Physical Chemistry B, 2002, 106, 10884-10894.	2.6	74
147	Dynamical response of liquid water in confined geometry by laser and neutron spectroscopies Presented at the LANMAT 2001 Conference on the Interaction of Laser Radiation with matter at Nanoscopic Scales: From Single Molecule Spectroscopy to Materials Processing, Venice, 3â€“6 October, 2001., Physical Chemistry Chemical Physics, 2002, 4, 2768-2773.	2.8	45
148	Recent results on biomedical problems: A Fourier transform infrared (FTâ€“IR) study. Spectroscopy, 2002, 16, 245-250.	0.8	4
149	Low-frequency dynamical response of confined water in normal and supercooled regions obtained by IINS. Applied Physics A: Materials Science and Processing, 2002, 74, s555-s556.	2.3	14
150	FT-IR spectroscopy: a powerful tool in pharmacology. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 1149-1152.	2.8	16
151	Incoherent quasi-elastic neutron scattering (IQENS) by ethylene glycol in confined space. Physica A: Statistical Mechanics and Its Applications, 2002, 304, 249-252.	2.6	3
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