

# Christ Glorieux

## List of Publications by Year in descending order

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275  
papers

5,490  
citations

101543

36  
h-index

133252

59  
g-index

291  
all docs

291  
docs citations

291  
times ranked

4659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the electrocaloric effect in BaTiO <sub>3</sub> multilayers by pASC calorimetry. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4837-4843.	3.6	2
2	Light-Addressable Nanocomposite Hydrogels Allow Plasmonic Actuation and In Situ Temperature Monitoring in 3D Cell Matrices. Advanced Functional Materials, 2022, 32, 2108234.	14.9	12
3	Precision adiabatic scanning calorimetry of a nematic " ferroelectric nematic phase transition. Liquid Crystals, 2022, 49, 780-789.	2.2	5
4	Tunable asymmetric acoustic transmission device based on acoustic grating and sonic crystal with point defect. Journal of Applied Physics, 2022, 131, 154501.	2.5	1
5	Perspective on non-invasive and non-destructive photoacoustic and photothermal applications. Journal of Applied Physics, 2022, 131, .	2.5	4
6	Remote in-line evaluation of acousto-elastic effects during elastic" plastic transition in an aluminum plate under uniaxial tensile and dynamic fatigue loading by laser generated, optically detected surface acoustic waves. AIP Advances, 2022, 12, .	1.3	2
7	Potential new reference materials for caloric measurements on PCM. SN Applied Sciences, 2021, 3, 1.	2.9	7
8	Sound Absorption Properties of Materials Based on Recycled Plastic Granule Mixtures. Slovak Journal of Civil Engineering, 2021, 29, 15-19.	0.5	4
9	Discrimination of 2D wall textures by passive echolocation for different reflected-to-direct level difference configurations. PLoS ONE, 2021, 16, e0251397.	2.5	4
10	Optical wavelength dependence of photoacoustic signal of gold nanofluid. , 2021, , .		0
11	Sound Transmission Loss of a Two-Layered Pyramidal Structure Lined with Porous Material. AIAA Journal, 2021, 59, 2714-2724.	2.6	5
12	Safety of active auditory implants in magnetic resonance imaging. Journal of Otology, 2021, 16, 185-198.	1.0	6
13	On the use of dynamic vibration absorbers to counteract the loss of sound insulation due to mass-spring-mass resonance effects in external thermal insulation composite systems. Applied Acoustics, 2021, 178, 107999.	3.3	5
14	Time-resolved thermal lens investigation of glassy dynamics in supercooled liquids: Theory and experiments. Journal of Chemical Physics, 2021, 155, 074503.	3.0	3
15	Optimization of coupled Lamb wave parameters for defect detection in anisotropic composite three-layer with Kelvin-Voigt viscoelasticity using Legendre polynomial method. Composite Structures, 2021, 272, 114158.	5.8	2
16	High-resolution investigation by Peltier-element-based adiabatic scanning calorimetry of binary liquid crystal mixtures with enhanced nematic ranges. Journal of Molecular Liquids, 2021, 340, 117204.	4.9	8
17	Adiabatic scanning calorimetry investigation of the melting and order" disorder phase transitions in the linear alkanes heptadecane and nonadecane and some of their binary mixtures. Journal of Chemical Thermodynamics, 2021, 163, 106596.	2.0	8
18	All-optical dynamic analysis of the photothermal and photoacoustic response of a microcantilever by laser Doppler vibrometry. Photoacoustics, 2021, 24, 100299.	7.8	2

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19	Numerical Simulation of Enhanced Photoacoustic Generation and Wavefront Shaping by a Distributed Laser Array. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9497.	2.5	1
20	Revisiting impulsive stimulated thermal scattering in supercooled liquids: Relaxation of specific heat and thermal expansion. <i>Journal of Chemical Physics</i> , 2021, 155, 164501.	3.0	2
21	High resolution study of the n <sup>o</sup> 7 p <sup>o</sup> -n-alkylazobenzenes phase transitions by photopyroelectric and adiabatic scanning calorimetries. <i>Thermochemica Acta</i> , 2021, 706, 179077.	2.7	2
22	A Miniature, Fiber-Optic Vibrometer for Measuring Unintended Acoustic Output of Active Hearing Implants during Magnetic Resonance Imaging. <i>Sensors</i> , 2021, 21, 6589.	3.8	0
23	Sound absorption of face-centered cubic sandwich structure with micro-perforations. <i>Materials and Design</i> , 2020, 186, 108344.	7.0	33
24	Searching for a common origin of heat-transfer effects in bio- and chemosensors: A study on thiols as a model system. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127627.	7.8	6
25	Methodology for development of airborne sound insulation descriptor valid for light-weight and masonry walls. <i>Applied Acoustics</i> , 2020, 160, 107144.	3.3	6
26	Optical wavelength dependence of photoacoustic signal of gold nanofluid. <i>Photoacoustics</i> , 2020, 20, 100199.	7.8	31
27	Effect of glycerol on the order of the mesophase transitions of supercooled itraconazole. <i>Journal of Molecular Liquids</i> , 2020, 320, 114222.	4.9	6
28	On the unwrapping of dispersion curves in the irreducible Brillouin zone by means of a spatial Fourier transform approach. <i>International Journal of Solids and Structures</i> , 2020, 196-197, 67-75.	2.7	2
29	Advances in photothermal and photoacoustic metrology. <i>Journal of Applied Physics</i> , 2020, 128, 240402.	2.5	3
30	Visualization of ultrasonic wave field by stroboscopic polarization selective imaging. <i>Optics Express</i> , 2020, 28, 27096.	3.4	13
31	Tuning light transmission with smart fluids based on 1D carbon nanomaterials. <i>Materials Research Express</i> , 2019, 6, 115086.	1.6	1
32	Accessing temperature waves: A dispersion relation perspective. <i>International Journal of Heat and Mass Transfer</i> , 2019, 143, 118553.	4.8	32
33	Conformal Prediction Based on Raman Spectra for the Classification of Chinese Liquors. <i>Applied Spectroscopy</i> , 2019, 73, 759-766.	2.2	6
34	Integrated adiabatic scanning calorimetry, light transmission and imaging analysis of collagen deterioration in parchment. <i>Thermochemica Acta</i> , 2019, 676, 263-270.	2.7	13
35	Characterization of Texture Evolution during Recrystallization by Laser-Induced Transient Thermal Grating Method. <i>Metals</i> , 2019, 9, 288.	2.3	4
36	Sound transmission loss of laminated composite sandwich structures with pyramidal truss cores. <i>Composite Structures</i> , 2019, 220, 19-30.	5.8	17

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37	Multiple zero group velocity Lamb modes in an anisotropic plate: propagation along different crystallographic axes. <i>Canadian Journal of Physics</i> , 2019, 97, 1064-1074.	1.1	5
38	Laser ultrasonic inspection for crack detection in a rotating tube under dynamic load. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	0
39	Remote Thermoelastic Characterization of Candidate Structural and Protective Coatings for Lead-Bismuth Eutectic Cooled Nuclear Reactors. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 915.	2.5	4
40	Photoacoustic temperature imaging based on multi-wavelength excitation. <i>Photoacoustics</i> , 2019, 13, 33-45.	7.8	25
41	Investigation of delamination in carbon fiber reinforced plastic by means of pulse thermography, shearography and active thermography. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	0
42	Temperature dependence of elastic properties in austenite and martensite of Ni-Mn-Ga epitaxial films. <i>Acta Materialia</i> , 2018, 145, 298-305.	7.9	37
43	Localization of a virtual wall by means of active echolocation by untrained sighted persons. <i>Applied Acoustics</i> , 2018, 139, 82-92.	3.3	10
44	Analysis of rotator phase transitions in the linear alkanes hexacosane to triacontane by adiabatic scanning calorimetry and by photopyroelectric calorimetry. <i>Journal of Chemical Physics</i> , 2018, 148, .	3.0	11
45	Sensor and Embedded Control System for Liquid Crystal Implantable Eye Lens. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	0
46	Assessment of short-term exposure to an ultrasonic rodent repellent device. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2501-2510.	1.1	11
47	Assessment of the sound reduction index of building elements by near field excitation through an array of loudspeakers and structural response measurements by laser Doppler vibrometry. <i>Applied Acoustics</i> , 2018, 140, 225-235.	3.3	7
48	Assessment of the airborne sound insulation from mobility vibration measurements; a hybrid experimental numerical approach. <i>Journal of Sound and Vibration</i> , 2018, 432, 680-698.	3.9	12
49	Vibrometry Assessment of the External Thermal Composite Insulation Systems Influence on the Façade Airborne Sound Insulation. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 703.	2.5	4
50	How reproducible are methods to measure the dynamic viscoelastic properties of poroelastic media?. <i>Journal of Sound and Vibration</i> , 2018, 428, 26-43.	3.9	20
51	Elastic characterization of polymer fibers by laser Doppler vibrometry. <i>Optics and Lasers in Engineering</i> , 2017, 99, 88-97.	3.8	6
52	Investigation of Synthetic Spider Silk Crystallinity and Alignment via Electrothermal, Pyroelectric, Literature XRD, and Tensile Techniques. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600480.	3.6	9
53	Texture in steel plates revealed by laser ultrasonic surface acoustic waves velocity dispersion analysis. <i>Ultrasonics</i> , 2017, 78, 30-39.	3.9	14
54	Conformational Changes of a Surface-Tethered Polymer during Radical Growth Probed with Second-Harmonic Generation. <i>Langmuir</i> , 2017, 33, 4157-4163.	3.5	1

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55	The melting behaviour of water and water-sodium chloride solutions studied by high-resolution Peltier-element-based adiabatic scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 1727-1739.	3.6	14
56	Thermophysical properties of thin fibers via photothermal quantum dot fluorescence spectral shape-based thermometry. <i>International Journal of Heat and Mass Transfer</i> , 2017, 112, 1090-1097.	4.8	10
57	Electrodeposition of bismuth telluride thin films containing silica nanoparticles for thermoelectric applications. <i>Electrochimica Acta</i> , 2017, 253, 554-562.	5.2	5
58	Perception of acoustic comfort in large halls covered by transparent structural skins. <i>Proceedings of Meetings on Acoustics</i> , 2017, , .	0.3	4
59	Acoustics of naturally ventilated double transparent facades. <i>Proceedings of Meetings on Acoustics</i> , 2017, , .	0.3	0
60	Chapter 3. Enthalpy Measurements of Condensed Matter by Peltier-element-based Adiabatic Scanning Calorimetry (pASC). , 2017, , 77-95.		3
61	Chapter 9. Temperature Dependence of the Enthalpy of Alkanes and Related Phase Change Materials (PCMs). , 2017, , 246-268.		1
62	Single Simulated Reflection Audibility Thresholds for Oral Sounds in Untrained Sighted People. <i>Acta Acustica United With Acustica</i> , 2017, 103, 492-505.	0.8	4
63	Experimental comparison and validation of hot-ball method with guarded hot plate method on polyurethane foams. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
64	Intense Signal Modulation of Nonlinear Optical Scattering and Multiphoton Fluorescence by Ultrasound Irradiation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 29382-29389.	3.1	1
65	CdSe/ZnS quantum dot fluorescence spectra shape-based thermometry via neural network reconstruction. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	33
66	Temperature-sensitive photoluminescent CdSe-ZnS polymer composite film for lock-in photothermal characterization. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	5
67	Converting sunlight into audible sound by means of the photoacoustic effect: The Heliophone. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1697-1706.	1.1	3
68	Temperature Dependence of Enthalpy and Heat Capacity of Alkanes and Related Phase Change Materials (PCMs) with a Peltier-element-based Adiabatic Scanning Calorimeter. <i>MRS Advances</i> , 2016, 1, 3935-3940.	0.9	3
69	Assessment of sound insulation of naturally ventilated double skin facades. <i>Building and Environment</i> , 2016, 110, 148-160.	6.9	19
70	Acoustic effects on nonlinear optical processes. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
71	Perceived Loudness of Neighbour Sounds Heard Through Heavy and Light-Weight Walls with Equal <math>R_{w,t}</math> and <math>C_{50}</math>. <i>Acta Acustica United With Acustica</i> . 2016. 102. 58-66.	0.8	29
72	Evolution of elastic and thermal properties during TMOS-gel formation determined by ringing bottle acoustic resonance spectroscopy, impulsive stimulated scattering, photopyroelectric spectroscopy and the hot ball method. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 085502.	2.8	5

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73	Quasi-3-D Finite-Element Method for Cylindrically Symmetric Models With Small Eccentricities. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	3
74	A new calorimetric technique for phase change materials and its application to alkane-based PCMs. Materials for Renewable and Sustainable Energy, 2016, 5, 1.	3.6	24
75	Wideband fluorescence-based thermometry by neural network recognition: Photothermal application with 10 <sup>6</sup> ns time resolution. Journal of Applied Physics, 2015, 118, .	2.5	30
76	Thermal Property Measurement of Thin Fibers: A Direct Approach. , 2015, , .		0
77	Measurement-based determination of the irrotational part of the structural intensity by means of test functional series expansion. Journal of Sound and Vibration, 2015, 356, 168-180.	3.9	13
78	Phase Transitions of Binary Lipid Mixtures: A Combined Study by Adiabatic Scanning Calorimetry and Quartz Crystal Microbalance with Dissipation Monitoring. Advances in Condensed Matter Physics, 2015, 2015, 1-14.	1.1	27
79	Study of Thermophysical Properties of Silver Nanofluids by ISS-HD, Hot Ball and IPPE Techniques. International Journal of Thermophysics, 2015, 36, 3211-3221.	2.1	10
80	Determination of elastic and thermal properties of a thin nanocrystalline diamond coating using all-optical methods. Thin Solid Films, 2015, 590, 284-292.	1.8	18
81	Homogeneous liquid-liquid extraction of metal ions with non-fluorinated bis(2-ethylhexyl)phosphate ionic liquids having a lower critical solution temperature in combination with water. Chemical Communications, 2015, 51, 14183-14186.	4.1	41
82	Imaging of transient surface acoustic waves by full-field photorefractive interferometry. Review of Scientific Instruments, 2015, 86, 053107.	1.3	11
83	Influence of panel fastening on the acoustic performance of light-weight building elements: Study by sound transmission and laser scanning vibrometry. Journal of Sound and Vibration, 2015, 346, 100-116.	3.9	11
84	Determining radiated sound power of building structures by means of laser Doppler vibrometry. Journal of Sound and Vibration, 2015, 346, 81-99.	3.9	25
85	Thermal diffusivity measurements in solids by photothermal infrared radiometry: Influence of convection-radiation heat losses. International Journal of Thermal Sciences, 2015, 98, 202-207.	4.9	27
86	Ion-induced pattern formation on indium tin oxide for alignment of liquid crystals. Thin Solid Films, 2015, 589, 315-321.	1.8	2
87	Determination of thermoelastic material properties by differential heterodyne detection of impulsive stimulated thermal scattering. Photoacoustics, 2015, 3, 64-77.	7.8	25
88	Front-back localization in simulated rectangular rooms. Applied Acoustics, 2015, 90, 143-152.	3.3	4
89	A global error estimator for the uncertainty of a multi-channel spectral analysis. Applied Acoustics, 2015, 87, 57-63.	3.3	7
90	Study of Thermal and Structural Properties of Starch Granules from Different Maize Genotypes. Food Biophysics, 2015, 10, 19-24.	3.0	11

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91	Synthesis of a Virtual Urban Soundscape. <i>Buildings</i> , 2014, 4, 139-154.	3.1	3
92	Fluorescence spectra shape based dynamic thermometry. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	26
93	Determination of elastic properties of a MnO <sub>2</sub> coating by surface acoustic wave velocity dispersion analysis. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	28
94	Physiological constraints for an intraocular inductive distance sensor. , 2014, 2014, 646-9.		1
95	Importance of Bubble Size Control in Ultrasonic Surface Cleaning by Pulsed High-Frequency Sound Fields. <i>ECS Journal of Solid State Science and Technology</i> , 2014, 3, N3032-N3040.	1.8	12
96	Application of a novel type of adiabatic scanning calorimeter for high-resolution thermal data near the melting point of gallium. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 173-187.	3.6	19
97	Phase transitions in lipid vesicles detected by a complementary set of methods: heat transfer measurements, adiabatic scanning calorimetry, and dissipation mode quartz crystal microbalance. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1377-1388.	1.8	41
98	Electrical conductivity and glass formation in nitrile-functionalized pyrrolidinium bis(trifluoromethylsulfonyl)imide ionic liquids: chain length and odd/even effects of the alkyl spacer between the pyrrolidinium ring and the nitrile group. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10548.	2.8	15
99	Tunable acoustic couplers for two fluids with large impedance mismatch. <i>Applied Physics Express</i> , 2014, 7, 067302.	2.4	2
100	Tuning of thermal properties of sodium acetate trihydrate by blending with polymer and silver nanoparticles. <i>Applied Thermal Engineering</i> , 2014, 62, 838-844.	6.0	77
101	Temperature and frequency dependence of the visco-elasticity of a poro-elastic layer. <i>Applied Acoustics</i> , 2014, 83, 123-126.	3.3	4
102	Investigation of the melting behavior of the reference materials biphenyl and phenyl salicylate by a new type adiabatic scanning calorimeter. <i>Thermochimica Acta</i> , 2014, 582, 68-76.	2.7	22
103	Textural Through-Thickness Inhomogeneity of Interstitial-Free Steel and Its Influence on Plastic Anisotropy Prediction. <i>Materials Transactions</i> , 2014, 55, 1847-1851.	1.2	2
104	Repeatability and Reproducibility of <i>In Situ</i> Measurements of Sound Reflection and Airborne Sound Insulation Index of Noise Barriers. <i>Acta Acustica United With Acustica</i> , 2014, 100, 1186-1201.	0.8	12
105	Temperature Dependent Elasticity of a Ni <sub>2</sub> MnGa Film as Measured by Impulsive Stimulated Scattering. <i>Journal of Physics: Conference Series</i> , 2014, 520, 012013.	0.4	0
106	Green synthesis method of silver nanoparticles using starch as capping agent applied the methodology of surface response. <i>Starch/Staerke</i> , 2013, 65, 814-821.	2.1	69
107	Evaluation and interpretation of bubble size distributions in pulsed megasonic fields. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	23
108	Thermoelastic Characterization of Changing Phase Distribution in Hardened Steel by Laser Ultrasonics. <i>International Journal of Thermophysics</i> , 2013, 34, 1754-1761.	2.1	2

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109	Interaction of Lamb modes with an inclusion. <i>Ultrasonics</i> , 2013, 53, 130-140.	3.9	9
110	Enhancement of cavitation activity and particle removal with pulsed high frequency ultrasound and supersaturation. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 69-76.	8.2	40
111	Towards an understanding and control of cavitation activity in 1 MHz ultrasound fields. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 77-88.	8.2	35
112	Different modulated structures of topological defects stabilized by adaptive targeting nanoparticles. <i>Soft Matter</i> , 2013, 9, 3956.	2.7	59
113	Adiabatic scanning calorimetry study of ionic liquid crystals with highly ordered crystal smectic phases. <i>Liquid Crystals</i> , 2013, 40, 329-338.	2.2	7
114	In-situ spectroscopic investigation of ultrasonic assisted unfolding and aggregation of insulin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 336-341.	2.3	1
115	Adiabatic scanning calorimetry study of ionic liquid crystals with highly ordered crystal smectic phases. <i>Liquid Crystals</i> , 2013, 40, 433-433.	2.2	0
116	Spectrally resolved detection of mixed acoustic vibrations by photorefractive interferometry. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	5
117	Intraocular electro-optic lens with ciliary muscle controlled accommodation. , 2013, 2013, 3190-3.		4
118	Fragility of supercooled liquids from differential scanning calorimetry traces: Theory and experiment. <i>Journal of Chemical Physics</i> , 2012, 136, 044502.	3.0	1
119	Full elastic characterization of absorptive rubber using laser excited guided ultrasonic waves. , 2012, , .		1
120	Frequency-selective imaging of acoustic vibration components by photorefractive interferometry. , 2012, , .		0
121	The importance of control over bubble size distribution in pulsed megasonic cleaning. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	5
122	Stroboscopic Schlieren Study of Bubble Formation during Megasonic Agitation. <i>Solid State Phenomena</i> , 2012, 187, 185-189.	0.3	2
123	Lamb wave interactions through dispersion 2D filters. <i>Journal of Physics: Conference Series</i> , 2012, 353, 012012.	0.4	0
124	Investigation of "Thermal Touch" Response of Coated Steel Plates Employing Square-Wave-Excited Photothermal Infrared Radiometry. <i>International Journal of Thermophysics</i> , 2012, 33, 1942-1952.	2.1	0
125	Thermoelastic Model for Impulsive Stimulated Scattering Monitoring the Evolution from Capillary to Rayleigh Type Wave Propagation on the Surface of Viscoelastic Materials Throughout the Glass Transition. <i>International Journal of Thermophysics</i> , 2012, 33, 2145-2158.	2.1	8
126	The critical behavior of the refractive index near liquid-liquid critical points. <i>Journal of Chemical Physics</i> , 2012, 136, 144502.	3.0	26



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127	Time-resolved monitoring of cavitation activity in megasonic cleaning systems. Review of Scientific Instruments, 2012, 83, 034904.	1.3	20
128	Bubble size distribution analysis and control in high frequency ultrasonic cleaning processes. IOP Conference Series: Materials Science and Engineering, 2012, 42, 012016.	0.6	1
129	Importance of Gluten and Starch for Structural and Textural Properties of Crumb from Fresh and Stored Bread. Food Biophysics, 2012, 7, 173-181.	3.0	43
130	The Yangâ€“Yang anomaly in liquidâ€“liquid criticality: Experimental evidence from adiabatic scanning calorimetry. Chemical Physics Letters, 2012, 523, 69-73.	2.6	11
131	Evidence from adiabatic scanning calorimetry for the Halperin-Lubensky-Ma effect at the N-SmA phase transitions in mixtures of 7OCB+heptane with an injected SmA phase. European Physical Journal E, 2012, 35, 54.	1.6	8
132	Instrumentation et identification spatio-temporelle en imagerie ultrasonore transitoire. Instrumentation Mesure Metrologie, 2012, 12, 91-105.	0.3	0
133	Medium characterization from interface-wave impedance and ellipticity using simultaneous displacement and pressure measurements. Journal of the Acoustical Society of America, 2011, 130, 1299-1312.	1.1	4
134	Large heat capacity anomaly near the consolute point of the binary mixture nitromethane and 3-pentanol. Journal of Chemical Physics, 2011, 134, 044505.	3.0	12
135	Nematic-nematic phase transition in the liquid crystal dimer CBC9CB and its mixtures with 5CB: A high-resolution adiabatic scanning calorimetric study. Physical Review E, 2011, 84, 041707.	2.1	91
136	Dynamics of specific heat and other relaxation processes in supercooled liquids by impulsive stimulated scattering. Journal of Physics: Conference Series, 2011, 278, 012021.	0.4	3
137	Thermomechanical properties of single crystals evaluated by impulsive stimulated thermal scattering technique. Journal of Physics: Conference Series, 2011, 278, 012023.	0.4	2
138	The critical behavior of the dielectric constant in the polar + polar binary liquid mixture nitromethane + 3-pentanol: An unusual sign of its critical amplitude in the one-phase region. Journal of Chemical Physics, 2011, 135, 024508.	3.0	8
139	Laser-based surface acoustic wave dispersion spectroscopy for extraction of thicknesses, depth, and elastic parameters of a subsurface layer: Feasibility study on intermetallic layer structure in integrated circuit solder joint. Journal of Applied Physics, 2011, 109, .	2.5	24
140	Thin Nano- and Microcrystalline CVD Diamond Films for Micro-channel Cooling: Thermal and Elastic Properties. Materials Research Society Symposia Proceedings, 2011, 1282, 79.	0.1	0
141	Measurements of Heat Capacity and Enthalpy of Phase Change Materials by Adiabatic Scanning Calorimetry. International Journal of Thermophysics, 2011, 32, 913-924.	2.1	28
142	Molecular Chaperone Hsp90 as a Target for Oxidant-Based Anticancer Therapies. Current Medicinal Chemistry, 2011, 18, 2816-2825.	2.4	29
143	Study of Circumferential Waves on a Poroelastic Cylinder. Acta Acustica United With Acustica, 2011, 97, 734-743.	0.8	1
144	Combined particle motion and fluid pressure measurements of surface waves. , 2011, , .		1

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145	Thermal analysis of PNIPAAm-PAAm mixtures via photopyroelectric technique. Journal of Physics: Conference Series, 2010, 214, 012034.	0.4	0
146	Specific Heat Capacity of Nitrobenzene-Tetradecane Near the Liquid-Liquid Critical Point. International Journal of Thermophysics, 2010, 31, 710-716.	2.1	4
147	15th International Conference on Photoacoustic and Photothermal Phenomena (ICPPP15). Journal of Physics: Conference Series, 2010, 214, 011001.	0.4	4
148	Blue phase III widening in CE6-dispersed surface-functionalised CdSe nanoparticles. Liquid Crystals, 2010, 37, 1419-1426.	2.2	41
149	Nanoparticle-induced widening of the temperature range of liquid-crystalline blue phases. Physical Review E, 2010, 81, 041703.	2.1	195
150	Case-hardening inspection of steel using photothermal phase maxima. Journal of Applied Physics, 2010, 108, 103506.	2.5	7
151	Temperature, concentration, and frequency dependence of the dielectric constant near the critical point of the binary liquid mixture nitrobenzene-tetradecane. Journal of Chemical Physics, 2010, 132, 104508.	3.0	14
152	Influence of the anion on the electrical conductivity and glass formation of 1-butyl-3-methylimidazolium ionic liquids. Journal of Chemical Physics, 2010, 133, 034503.	3.0	64
153	Order of phase transitions and tricriticality in mixtures of octyloxycyanobiphenyl and nonyloxycyanobiphenyl liquid crystals: A high-resolution study by adiabatic scanning calorimetry. Physical Review E, 2010, 82, 031707.	2.1	23
154	Surface and disorder effects in aerosil dispersed liquid crystals. Journal of Non-Crystalline Solids, 2010, 356, 597-601.	3.1	5
155	Nonlinear clapping modulation of lamb modes by normally closed delamination. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 1426-1433.	3.0	13
156	Investigation of contact acoustic nonlinearity in delaminations by shearographic imaging, laser doppler vibrometric scanning and finite difference modeling. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 1383-1395.	3.0	55
157	Photothermal Techniques for Heat Capacities. , 2010, , 264-286.		2
158	Effects of magnetic nanoparticles with different surface coating on the phase transitions of octylcyanobiphenyl liquid crystal. Physical Review E, 2009, 79, 011702.	2.1	40
159	High-resolution calorimetric investigation of the existence of a nematic phase for the dodecylcyanobiphenyl liquid crystal. Liquid Crystals, 2009, 36, 231-237.	2.2	7
160	Transient space-time surface waves characterization using Gabor analysis. Journal of Physics: Conference Series, 2009, 195, 012009.	0.4	6
161	Surface acoustic wave characterization of a thin, rough polymer film. Thin Solid Films, 2009, 517, 2697-2701.	1.8	18
162	High accuracy, self-calibrating photopyroelectric device for the absolute determination of thermal conductivity and thermal effusivity of liquids. Review of Scientific Instruments, 2009, 80, 054904.	1.3	30

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163	2D Finite Impulse Response filters for surface wave identification. , 2009, , .		2
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