Giulio Monaco

List of Publications by Year
in descending order

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250	9,195	34076	53190
papers	citations	52 h-index	85 g-index

256	256	256	6205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	X-ray induced dynamics in borate glasses with different network connectivity. Physical Review B, 2022, 105, .	1.1	4
2	Experimental evidence of mosaic structure in strongly supercooled molecular liquids. Nature Communications, 2021, 12, 1867.	5.8	23
3	Generation and detection of 50 GHz surface acoustic waves by extreme ultraviolet pulses. Applied Physics Letters, 2021, 119, .	1.5	15
4	Lithium Borates from the Glass to the Melt: A Temperature-Induced Structural Transformation Viewed from the Boron and Oxygen Atoms. Inorganic Chemistry, 2021, 60, 798-806.	1.9	11
5	High-resolution inelastic x-ray scattering at the high energy density scientific instrument at the European X-Ray Free-Electron Laser. Review of Scientific Instruments, 2021, 92, 013101.	0.6	15
6	Universal Two-Component Dynamics in Supercritical Fluids. Journal of Physical Chemistry B, 2021, , .	1.2	0
7	XV International Workshop on Complex systems Andalo (Trento) Italy. 17â€“20 March 2019. Philosophical Magazine, 2020, 100, 2543-2543.	0.7	0
8	A $$hbox {j}_{mathrm{eff}} = 1/2$$ pseudospinon continuum in $$hbox {CaIrO}_{{3}}$$. European Physical Journal Plus, 2020, 135, 1.	1.2	2
9	An approach for the measurement of the bulk temperature of single crystal diamond using an X-ray free electron laser. Scientific Reports, 2020, 10, 14564.	1.6	21
10	Accessing the non-ergodicity factor of o-terphenyl via multi-line nuclear Î³-resonance time-domain interferometry. Philosophical Magazine, 2020, 100, 2646-2657.	0.7	3
11	Probing the dynamics of B₂O₃ across the glass transition: an X-ray photon correlation spectroscopy study. Philosophical Magazine, 2020, 100, 2636-2645.	0.7	3
12	Microscopic pathways for stress relaxation in repulsive colloidal glasses. Science Advances, 2020, 6, eaaz2982.	4.7	21
13	Two-Component Dynamics and the Liquidlike to Gaslike Crossover in Supercritical Water. Physical Review Letters, 2020, 125, 256001.	2.9	9
14	Fingerprints of Kitaev physics in the magnetic excitations of honeycomb iridates. Physical Review Research, 2020, 2, .	1.3	22
15	Resonant inelastic X-ray scattering of magnetic excitations under pressure. Journal of Synchrotron Radiation, 2019, 26, 1725-1732.	1.0	8
16	Relaxation dynamics induced in glasses by absorption of hard x-ray photons. Physical Review B, 2019, 99, .	1.1	19
17	Nanoscale transient gratings excited and probed by extreme ultraviolet femtosecond pulses. Science Advances, 2019, 5, eaaw5805.	4.7	54
18	Spin-orbit entangled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>j</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mr moments in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:r : A frustrated fcc quantum magnet. Physical Review B, 2019, 100, .	1.1	40

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19	A microscopic look at the Johari-Goldstein relaxation in a hydrogen-bonded glass-former. Scientific Reports, 2019, 9, 14319.	1.6	24
20	Valence band hard x-ray photoelectron spectroscopy on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r transition-metal oxides containing rare-earth elements. Physical Review B, 2019, 99, .	1.1	19
21	Resonant inelastic x-ray incarnation of Youngâ€™s double-slit experiment. Science Advances, 2019, 5, eaav4020.	4.7	29
22	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>c</mml:mi></mml:math> -Axis Dimer and Its Electronic Breakup: The Insulator-to-Metal Transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Ti</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:m mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:. Physical Review X, 2018, 8, .	2.8	19
23	Generation of coherent phonons by coherent extreme ultraviolet radiation in a transient grating experiment. Applied Physics Letters, 2018, 113, .	1.5	28
24	A high-energy-resolution resonant inelastic X-ray scattering spectrometer at ID20 of the European Synchrotron Radiation Facility. Journal of Synchrotron Radiation, 2018, 25, 580-591.	1.0	61
25	Setup for meV-resolution inelastic X-ray scattering measurements and X-ray diffraction at the Matter in Extreme Conditions endstation at the Linac Coherent Light Source. Review of Scientific Instruments, 2018, 89, 10F104.	0.6	25
26	A large-solid-angle X-ray Raman scattering spectrometer at ID20 of the European Synchrotron Radiation Facility. Journal of Synchrotron Radiation, 2017, 24, 521-530.	1.0	76
27	Damping of vibrational excitations in glasses at terahertz frequency: The case of 3-methylpentane. Journal of Chemical Physics, 2017, 147, 164501.	1.2	3
28	Tailoring Correlations of the Local Density of States in Disordered Photonic Materials. Physical Review Letters, 2017, 119, 043902.	2.9	18
29	Lithium borate crystals and glasses: How similar are they? A non-resonant inelastic X-ray scattering study around the B and O K -edges. Journal of Non-Crystalline Solids, 2017, 472, 1-8.	1.5	28
30	Hard X-rays as pump and probe of atomic motion in oxide glasses. Scientific Reports, 2017, 7, 3962.	1.6	37
31	Notice of Removal: Generation of acoustic waves by an extreme ultra violet free electron laser in a transient grating experiment. , 2017, , .		0
32	A new experimental scheme for nuclear Î³-resonance time-domain interferometry. Review of Scientific Instruments, 2017, 88, 105114.	0.6	8
33	Electronic properties of Nd 2â^'x Ce x CuO 4+Î´ : A hard X-ray photoemission investigation. Journal of Electron Spectroscopy and Related Phenomena, 2016, 212, 81-85.	0.8	1
34	Resonant X-ray emission with a standing wave excitation. Scientific Reports, 2016, 6, 22648.	1.6	2
35	On the nontrivial wave-vector dependence of the elastic modulus of glasses. Physical Review B, 2016, 93, .	1.1	9
36	Four-wave-mixing experiments with seeded free electron lasers. Faraday Discussions, 2016, 194, 283-303.	1.6	20

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37	The structural relaxation dynamics in the glass-former B ₂ O ₃: a multi-speckle dynamic light scattering study. Philosophical Magazine, 2016, 96, 800-808.	0.7	3
38	New insights on the specific heat of glasses. Philosophical Magazine, 2016, 96, 754-760.	0.7	8
39	Relation between the boson peak in glasses and van Hove singularity in crystals. Philosophical Magazine, 2016, 96, 743-753.	0.7	7
40	A computationally efficient method to solve the Takagiâ€“Taupin equations for a large deformed crystal. Journal of Applied Crystallography, 2016, 49, 1284-1289.	1.9	11
41	Composition and temperature dependence of the Yb valence in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>YbMn</mml:mtext><mml:mn>2</mml:mn></mml:m by RIXS. Physical Review B, 2015, 92, .	1.1	14
42	Evidence of quantum dimer excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	44
43	High-resolution nonresonant x-ray Raman scattering study on rare earth phosphate nanoparticles. New Journal of Physics, 2015, 17, 043041.	1.2	7
44	Polarization dependent hard X-ray photoemission experiments for solids: Efficiency and limits for unraveling the orbital character of the valence band. Journal of Electron Spectroscopy and Related Phenomena, 2015, 198, 6-11.	0.8	33
45	Understanding the atomic dynamics and thermodynamics of glasses: Status and outlook. Journal of Non-Crystalline Solids, 2015, 407, 126-132.	1.5	19
46	The High-Frequency Atomic Dynamics of Disordered Systems Studied by High-Resolution Inelastic X-Ray Scattering. , 2015, , 461-482.		0
47	Temperature dependence of iron local magnetic moment in phase-separated superconducting chalcogenide. Physical Review B, 2014, 90, .	1.1	14
48	Orbital occupancies and the putative<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>j</mml:mi><mml:mi>eff</mml:mi></mml:ms state in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>IrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub><mi. Physical Review B, 2014, 89, .	1.1	36
49	A Spin-Orbit Mott Insulator Beyond the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>j</mml:mi></mml:mrow><mml:mrow><mml:mtext>eff</mml:mtex stretchy="false"></mml:mo>. Physical Review Letters, 2014, 112, 176402.	2.9	70
50	Crystal field splitting inSrn+1IrnO3n+1(n=1,2)iridates probed by x-ray Raman spectroscopy. Physical Review B, 2014, 90, .	1.1	21
51	Study of the electronic and magnetic properties as a function of isoelectronic substitution in SmFe_{1â^'x}Ru_xAsO_{0.85}F_{0.15}. Journal of Physics Condensed Matter, 2014, 26, 065701.	0.7	3
52	Crystal-field excitations in NiO under high pressure studied by resonant inelastic x-ray scattering. Journal of Physics Condensed Matter, 2014, 26, 135501.	0.7	2
53	Role of Disorder in the Thermodynamics and Atomic Dynamics of Glasses. Physical Review Letters, 2014, 112, 025502.	2.9	125
54	Resonant X-Ray Scattering and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>j</mml:mi></mml:mrow><mml:mrow><mml:mi>eff</mml:mi></mml: mathvariant="bold">=</mml:mo><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math>Elec Ground State in Iridate Perovskites. Physical Review Letters, 2014, 112, 026403.	2.9	64

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55	Terahertz Dynamics in Human Cells and Their Chromatin. Journal of Physical Chemistry Letters, 2014, 5, 2177-2181.	2.1	4
56	Interplay between Temperature-Activated Vibrations and Nondipolar Effects in the Valence Excitations of the CO₂ Molecule. Journal of Physical Chemistry A, 2014, 118, 3288-3294.	1.1	10
57	Structural Evolution and Medium Range Order in Permanently Densified Vitreous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SiO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mi>m</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2014, 112, 045501.	2.9	34
58	Anharmonic Damping of Terahertz Acoustic Waves in a Network Glass and Its Effect on the Density of Vibrational States. Physical Review Letters, 2014, 112, 125502.	2.9	36
59	Temperature dependence of crystal field excitations in CuO. Journal of Physics Condensed Matter, 2014, 26, 165501.	0.7	12
60	Improving the energy resolution of bent crystal X-ray spectrometers with position-sensitive detectors. Journal of Synchrotron Radiation, 2014, 21, 762-767.	1.0	28
61	Study on the reflectivity properties of spherically bent analyser crystals. Journal of Synchrotron Radiation, 2014, 21, 104-110.	1.0	20
62	Temperature dependence of CO2 and N2 core-electron excitation spectra at high pressure. Physical Chemistry Chemical Physics, 2013, 15, 9231.	1.3	18
63	Interfacial and bulk electronic properties of complex oxides and buried interfaces probed by HAXPES. Journal of Electron Spectroscopy and Related Phenomena, 2013, 190, 228-234.	0.8	8
64	High energy-resolution set-up for Ir L3 edge RIXS experiments. Journal of Electron Spectroscopy and Related Phenomena, 2013, 188, 150-154.	0.8	29
65	Relaxation dynamics and aging in structural glasses. , 2013, , .		16
66	Compressed correlation functions and fast aging dynamics in metallic glasses. Journal of Chemical Physics, 2013, 138, 054508.	1.2	73
67	Emergence of Crystal-like Atomic Dynamics in Glasses at the Nanometer Scale. Physical Review Letters, 2013, 110, 185503.	2.9	47
68	Saturation Behavior in X-ray Raman Scattering Spectra of Aqueous LiCl. Journal of Physical Chemistry B, 2013, 117, 16506-16511.	1.2	46
69	Thermal deformation of cryogenically cooled silicon crystals under intense X-ray beams: measurement and finite-element predictions ofÂtheÂsurface shape. Journal of Synchrotron Radiation, 2013, 20, 567-580.	1.0	45
70	Study of LiCoO2 nanoparticles by hard x-ray emission and absorption spectroscopies. Applied Physics Letters, 2013, 103, .	1.5	8
71	Nonpareil Yb Behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YbMn</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi>x</mml:mi><mml:mi>Ge</mml:mi></mml:mrow><mml:mi>m</mml:mi></mml:math>. Physical Review Letters, 2013, 111, 096402.	2.5	25
72	Science under Extreme Conditions of Pressures and Temperatures at the ESRF. Synchrotron Radiation News, 2013, 26, 39-44.	0.2	5

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73	Thermal distortion minimization by geometry optimization for water-cooled white beam mirror or multilayer optics. Journal of Physics: Conference Series, 2013, 425, 052029.	0.3	18
74	Liquid nitrogen cooled Si crystal monochromator: X-ray focusing by controlled heat load. Journal of Physics: Conference Series, 2013, 425, 052008.	0.3	2
75	Stability of the Fe electronic structure through temperature-, doping-, and pressure-induced transitions in the BaFe2As2superconductors. Physical Review B, 2012, 86, .	1.1	6
76	Coexistence of different electronic phases in the K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.6</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	26
77	Progress in Liquid and Glass Physics by Brillouin Scattering Spectroscopy. Solid State Physics, 2012, , 1-77.	1.3	33
78	Acoustic excitations in glassy sorbitol and their relation with the fragility and the boson peak. Journal of Chemical Physics, 2012, 137, 214502.	1.2	43
79	Resonant Inelastic X-ray Scattering at the ESRF: Hard and Soft X-rays. Synchrotron Radiation News, 2012, 25, 9-15.	0.2	2
80	Atomic-Scale Relaxation Dynamics and Aging in a Metallic Glass Probed by X-Ray Photon Correlation Spectroscopy. Physical Review Letters, 2012, 109, 165701.	2.9	217
81	Electronic structure of La5/3Sr1/3NiO4 by x-ray emission spectroscopy and resonant inelastic x-ray scattering. Journal of Applied Physics, 2012, 111, 112625.	1.1	1
82	Electronic properties of FeSe1â^'xTexprobed by x-ray emission and absorption spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 415501.	0.7	11
83	X-ray-Raman-scattering-based EXAFS beyond the dipole limit. Journal of Synchrotron Radiation, 2012, 19, 106-113.	1.0	25
84	Plasmons in Sodium under Pressure: Increasing Departure from Nearly Free-Electron Behavior. Physical Review Letters, 2011, 107, 086402.	2.9	21
85	Acoustic properties of metallic glasses in the mesoscopic regime by inelastic X-ray scattering. Journal of Alloys and Compounds, 2011, 509, S95-S98.	2.8	4
86	High frequency acoustic attenuation of vitreous silica: New insight from inelastic x-ray scattering. Journal of Non-Crystalline Solids, 2011, 357, 538-541.	1.5	10
87	Longitudinal acoustic compliance and tagged particle susceptibility in liquid and supercooled glycerol. Journal of Non-Crystalline Solids, 2011, 357, 515-517.	1.5	1
88	Effect of polymerization on the boson peak, from liquid to glass. Journal of Non-Crystalline Solids, 2011, 357, 530-533.	1.5	12
89	Brillouin light scattering study of polymeric glassy sulfur. Journal of Non-Crystalline Solids, 2011, 357, 563-566.	1.5	7
90	Dynamical response function in sodium studied by inelastic x-ray scattering spectroscopy. Physical Review B, 2011, 84, .	1.1	27

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91	Dynamical response function in sodium and aluminum from time-dependent density-functional theory. Physical Review B, 2011, 84, .	1.1	37
92	Inelastic x-ray scattering study of liquid Ga: Implications for the short-range order. Physical Review B, 2011, 84, .	1.1	66
93	Temperature Dependence of the Near-Edge Spectrum of Water. Journal of Physical Chemistry B, 2011, 115, 14544-14550.	1.2	49
94	Direct tomography with chemical-bond contrast. Nature Materials, 2011, 10, 489-493.	13.3	88
95	Electronic structure of single crystal UPd3, UGe2, and USb2 from hard X-ray and angle-resolved photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 517-524.	0.8	13
96	Nonergodicity Factor, Fragility, and Elastic Properties of Polymeric Glassy Sulfur. Journal of Physical Chemistry B, 2011, 115, 14052-14063.	1.2	25
97	Equivalence of the Boson Peak in Glasses to the Transverse Acoustic vanÂHove Singularity in Crystals. Physical Review Letters, 2011, 106, 225501.	2.9	234
98	Communication: Are metallic glasses different from other glasses? A closer look at their high frequency dynamics. Journal of Chemical Physics, 2011, 135, 101101.	1.2	6
99	Identification of Different Electron Screening Behavior Between the Bulk and Surface of (Ga,Mn)As. Physical Review Letters, 2011, 107, 187203.	2.9	24
100	Elastic anomalies at terahertz frequencies and excess density of vibrational states in silica glass. Physical Review B, 2011, 83, .	1.1	47
101	Acoustic Dissipation and Density of States in Liquid, Supercooled, and Glassy Glycerol. Physical Review Letters, 2011, 106, 155701.	2.9	6
102	Pressure effect on the electronic structure of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>Sr<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>NiO<mm xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline. Physical Review B, 2011, 84, .	1.1	3
103	Raman scattering investigation of the boson peak in a sodium silicate glass. Philosophical Magazine, 2011, 91, 1801-1808.	0.7	3
104	Structure and vibrations in disordered systems. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C128-C128.	0.3	0
105	Dynamic structure factor and dielectric function of silicon for finite momentum transfer: Inelastic x-ray scattering experiments andab initiocalculations. Physical Review B, 2010, 81, .	1.1	50
106	Sound Attenuation at Terahertz Frequencies and the Boson Peak of Vitreous Silica. Physical Review Letters, 2010, 104, 195501.	2.9	135
107	Communication: High-frequency acoustic excitations and boson peak in glasses: A study of their temperature dependence. Journal of Chemical Physics, 2010, 133, 041101.	1.2	34
108	dâ^'dexcitations and charge ordering inLa5/3Sr1/3NiO4. Physical Review B, 2010, 81, .	1.1	8

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109	Elastic properties of permanently densified silica: A Raman, Brillouin light, and x-ray scattering study. Physical Review B, 2010, 81, .	1.1	49
110	Understanding the role of tunneling barriers in organic spin valves by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2010, 96, .	1.5	41
111	Screening in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> large wave vectors. Physical Review B, 2010, 82, .	1.1	10
112	Fingerprints of order and disorder on the high-frequency dynamics of liquids. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21985-21989.	3.3	103
113	Vibrational Properties Of A Reactive Mixture Investigated During A Chemical Vitrification Process. AIP Conference Proceedings, 2010, , .	0.3	1
114	Universal Signature of Hydrogen Bonding in the Oxygen K-Edge Spectrum of Alcohols. Journal of Physical Chemistry B, 2010, 114, 13076-13083.	1.2	24
115	High frequency dynamics of BMG determined by synchrotron radiation: A microscopic picture. Journal of Alloys and Compounds, 2010, 495, 319-322.	2.8	4
116	Role of Non-Hydrogen-Bonded Molecules in the Oxygen K-Edge Spectrum of Ice. Journal of Physical Chemistry B, 2010, 114, 3804-3808.	1.2	68
117	Universal acoustic dispersion in liquid alkali metals. Physical Review B, 2009, 79, .	1.1	9
118	Raman-Scattering Measurements of the Vibrational Density of States of a Reactive Mixture During Polymerization: Effect on the Boson Peak. Physical Review Letters, 2009, 102, 027402.	2.9	64
119	High frequency dynamics in liquid Cs at high pressure. Journal of Chemical Physics, 2009, 131, 014501.	1.2	5
120	High frequency dynamics in liquids and supercritical fluids: A comparative inelastic x-ray scattering study. Journal of Chemical Physics, 2009, 130, 064501.	1.2	31
121	Onset of the Î±-relaxation in the glass-forming solution LiClâ€“6H2O revealed by Brillouin scattering techniques. Journal of Chemical Physics, 2009, 131, 154507.	1.2	30
122	Breakdown of the Debye approximation for the acoustic modes with nanometric wavelengths in glasses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3659-3663.	3.3	148
123	Multiple-element spectrometer for non-resonant inelastic X-ray spectroscopy of electronic excitations. Journal of Synchrotron Radiation, 2009, 16, 469-476.	1.0	109
124	Phonon spectroscopy at high pressure by inelastic X-ray scattering. Journal of Synchrotron Radiation, 2009, 16, 707-713.	1.0	6
125	A study of core and valence levels in Î²-PbO2 by hard X-ray photoemission. Journal of Electron Spectroscopy and Related Phenomena, 2009, 169, 26-34.	0.8	40
126	Anomalous properties of the acoustic excitations in glasses on the mesoscopic length scale. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16907-16912.	3.3	124

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127	Connection between Boson Peak and Elastic Properties in Silicate Glasses. Physical Review Letters, 2009, 102, 195502.	2.9	61
128	Strong deviations from jellium behavior in the valence electron dynamics of potassium. Physical Review B, 2009, 80, .	1.1	12
129	High-resolution inelastic x-ray scattering to study the high-frequency atomic dynamics of disordered systems. Comptes Rendus Physique, 2008, 9, 608-623.	0.3	5
130	Contribution of the terahertz vibrations to the high-temperature thermal conductivity of vitreous silica. Philosophical Magazine, 2008, 88, 3915-3923.	0.7	0
131	Electron-density dependence of double-plasmon excitations in simple metals. Physical Review B, 2008, 77, .	1.1	13
132	Crystal-field excitations in NiO studied with hard x-ray resonant inelastic x-ray scattering at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ni</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>K</mml:mi></mml:mrow></mml: Physical Review B, 2008, 78, .	1.1	42
133	X-Ray Raman Spectroscopic Study of Water in the Condensed Phases. Physical Review Letters, 2008, 100, 095502.	2.9	86
134	Vibrational dynamics of very high density amorphous ice studied by high-resolution x-ray spectroscopy. Physical Review B, 2008, 78, .	1.1	13
135	Glassy properties and viscous slowing down: An analysis of the correlation between nonergodicity factor and fragility. Journal of Chemical Physics, 2008, 129, 194513.	1.2	28
136	Brillouin light scattering study of glassy sorbitol. Philosophical Magazine, 2008, 88, 3939-3946.	0.7	10
137	Cauchy relation in relaxing liquids. Journal of Chemical Physics, 2008, 128, 214502.	1.2	25
138	Thermal conductivity and terahertz vibrational dynamics of vitreous silica. Physical Review B, 2008, 77, .	1.1	35
139	Energy calibration of a high-resolution inelastic x-ray scattering spectrometer. Review of Scientific Instruments, 2008, 79, 083902.	0.6	13
140	Analysis of surface-bulk screening competition in the electron-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Nd</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn> using x-ray photo. Physical Review B, 2008, 77, .	1.1	14
141	AlbergamoetÂal.Reply:. Physical Review Letters, 2008, 100, .	2.9	4
142	Publisher's Note: High-resolution Compton line shapes: Fermi break of beryllium [Phys. Rev. B76, 235106 (2007)]. Physical Review B, 2007, 76, .	1.1	0
143	Bulk electronic properties of the bilayered manganiteLa1.2Sr1.8Mn2O7from hard-x-ray photoemission. Physical Review B, 2007, 75, .	1.1	15
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