

Adriano Filipponi

List of Publications by Year in descending order

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158
papers

5,228
citations

70961

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161
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docs citations

161
times ranked

3223
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray-absorption spectroscopy and n-body distribution functions in condensed matter. I. Theory. <i>Physical Review B</i> , 1995, 52, 15122-15134.	1.1	493
2	X-ray-absorption spectroscopy and n-body distribution functions in condensed matter. II. Data analysis and applications. <i>Physical Review B</i> , 1995, 52, 15135-15149.	1.1	393
3	An experimental station for advanced research on condensed matter under extreme conditions at the European Synchrotron Radiation Facility - BM29 beamline. <i>Review of Scientific Instruments</i> , 2000, 71, 2422-2432.	0.6	174
4	Is There Icosahedral Ordering in Liquid and Undercooled Metals?. <i>Physical Review Letters</i> , 2003, 91, 135505.	2.9	148
5	Short-range order in crystalline, amorphous, liquid, and supercooled germanium probed by x-ray-absorption spectroscopy. <i>Physical Review B</i> , 1995, 51, 12322-12336.	1.1	147
6	EXAFS for liquids. <i>Journal of Physics Condensed Matter</i> , 2001, 13, R23-R60.	0.7	145
7	An extended x-ray absorption fine structure study of aqueous solutions by employing molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 1994, 100, 985-994.	1.2	133
8	Ab-initio modelling of x-ray absorption spectra. <i>Solid State Communications</i> , 1991, 78, 265-268.	0.9	121
9	Hydrophobic Hydration and the Formation of a Clathrate Hydrate. <i>Physical Review Letters</i> , 1998, 81, 4164-4167.	2.9	116
10	Double-electron excitation channels at the Br K edge of HBr and Br ₂ . <i>Physical Review A</i> , 1993, 47, 2055-2063.	1.0	101
11	The radial distribution function probed by X-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 8415-8427.	0.7	89
12	Tunability experiments at the FERMI@Elettra free-electron laser. <i>New Journal of Physics</i> , 2012, 14, 113009.	1.2	81
13	Hydration Properties and Ionic Radii of Actinide(III) Ions in Aqueous Solution. <i>Inorganic Chemistry</i> , 2013, 52, 10318-10324.	1.9	80
14	Determination of the Fe-N-O Angle in {FeNO} ₇ Complexes Using Multiple-Scattering EXAFS Analysis by GNXAS. <i>Journal of the American Chemical Society</i> , 1994, 116, 6757-6768.	6.6	79
15	Structural Determination of the Hydrophobic Hydration Shell of Kr. <i>Physical Review Letters</i> , 1997, 79, 1293-1296.	2.9	76
16	Thermal and structural damping of the multiple-scattering contributions to the x-ray-absorption coefficient. <i>Physical Review B</i> , 1989, 40, 9626-9635.	1.1	72
17	Evidence of four-body contributions in the EXAFS spectrum of Na ₂ Co[Fe(CN) ₆]. <i>Chemical Physics Letters</i> , 1997, 275, 108-112.	1.2	68
18	Atomic background in x-ray absorption spectra of fifth-period elements: Evidence for double-electron excitation edges. <i>Physical Review A</i> , 1995, 52, 1072-1078.	1.0	66

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19	Multielectron excitations in x-ray-absorption spectra of a-Si:H. <i>Physical Review B</i> , 1988, 38, 3298-3304.	1.1	63
20	EXAFS studies of FeMo-cofactor and MoFe protein: Direct evidence for the long-range Mo-Fe-Fe interaction and cyanide binding to the Mo in FeMo-cofactor. <i>Journal of the American Chemical Society</i> , 1994, 116, 2418-2423.	6.6	63
21	Structural investigation of a-Si and a-Si:H using x-ray-absorption spectroscopy at the SiKedge. <i>Physical Review B</i> , 1989, 40, 9636-9643.	1.1	62
22	Heterometal cuboidal clusters $MFe_4S_6(PEt_3)_4Cl$ (M = vanadium, molybdenum): synthesis, structural analysis by crystallography and EXAFS, and relevance to the core structure of the iron-molybdenum cofactor of nitrogenase. <i>Journal of the American Chemical Society</i> , 1993, 115, 5549-5558.	6.6	62
23	Triplet correlations in the hydration shell of aquaions. <i>Chemical Physics Letters</i> , 1994, 225, 150-155.	1.2	59
24	Development of an oven for X-ray absorption measurements under extremely high temperature conditions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1994, 93, 302-310.	0.6	59
25	New Advances in the Study of Local Structure of Molten Binary Salts. <i>Physical Review Letters</i> , 1997, 78, 460-463.	2.9	59
26	GNXAS, A Multiple-Scattering Approach to EXAFS Analysis: Methodology and Applications to Iron Complexes. <i>Journal of the American Chemical Society</i> , 1995, 117, 1566-1583.	6.6	57
27	Double-core-vacancy excited states in the photoabsorption spectrum of SiX_4 (X=H,CH ₃ ,F,Cl,Br) at the silicon 1s edge. <i>Physical Review A</i> , 1989, 39, 5075-5081.	1.0	56
28	Statistical errors in X-ray absorption fine-structure data analysis. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 9343-9356.	0.7	56
29	High-pressure EXAFS measurements of solid and liquid Kr. <i>Physical Review B</i> , 1996, 54, 9086-9098.	1.1	55
30	High-Energy X-ray Absorption Spectroscopy: A New Tool for Structural Investigations of Lanthanoids and Third-Row Transition Elements. <i>Chemistry - A European Journal</i> , 2008, 14, 3045-3055.	1.7	55
31	The Three-Body Correlation Function in Amorphous Silicon Probed by X-Ray Absorption Spectroscopy. <i>Europhysics Letters</i> , 1990, 13, 319-325.	0.7	53
32	EXAFS and Molecular Dynamics combined study of $CaO \sim FeO \sim 2SiO_2$ glass. New insight into site significance in silicate glasses. <i>Europhysics Letters</i> , 2000, 49, 597-602.	0.7	51
33	Polyamorphic transition of germanium under pressure. <i>Physical Review B</i> , 2004, 69, .	1.1	48
34	Structure of Undercooled Liquid Pd Probed by X-Ray Absorption Spectroscopy. <i>Physical Review Letters</i> , 1999, 83, 560-563.	2.9	47
35	High-Frequency Acoustic Modes in Liquid Gallium at the Melting Point. <i>Physical Review Letters</i> , 2002, 89, 255506.	2.9	47
36	Anomalous Bond Length Expansion in Liquid Iodine at High Pressure. <i>Physical Review Letters</i> , 1998, 80, 1912-1915.	2.9	46

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37	Multiple scattering x-ray absorption analysis of simple brominated hydrocarbon molecules. The Journal of Physical Chemistry, 1993, 97, 5486-5494.	2.9	44
38	Short-range structure of solid and liquid AgBr determined by multiple-edge x-ray absorption spectroscopy. Physical Review B, 2000, 62, 12001-12013.	1.1	44
39	Supercooling of liquid-metal droplets for x-ray-absorption-spectroscopy investigations. Physical Review B, 1994, 49, 11749-11758.	1.1	43
40	Temperature-induced disordering of the hydrophobic hydration shell of Kr and Xe. Chemical Physics Letters, 1998, 293, 33-37.	1.2	41
41	Single-energy x-ray absorption detection: a combined electronic and structural local probe for phase transitions in condensed matter. Journal of Physics Condensed Matter, 1998, 10, 235-253.	0.7	41
42	Hydration Properties of the Zn ²⁺ Ion in Water at High Pressure. Inorganic Chemistry, 2013, 52, 1141-1150.	1.9	41
43	Multiple-Edge XAS Studies of Cyanide-Bridged Iron~Copper Molecular Assemblies Relevant to Cyanide-Inhibited Heme~Copper Oxidases Using Four-Body Multiple-Scattering Analysis. Journal of the American Chemical Society, 1997, 119, 2470-2478.	6.6	39
44	Double-electron excitation channels at the Ledges of atomic Hg. Physical Review A, 1993, 48, 2098-2101.	1.0	38
45	Deconvolution of the lifetime broadening from x-ray absorption spectra of atomic and molecular species. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 2835-2846.	0.6	38
46	K Ledges in x-ray-absorption spectra of third-period atoms: Si, P, S, and Cl. Physical Review A, 1993, 48, 1328-1338.	1.0	37
47	Local fivefold symmetry in liquid and undercooled Ni probed by x-ray absorption spectroscopy and computer simulations. Physical Review B, 2014, 89, .	1.1	37
48	Double-electron excitation effects above inner shell X-ray absorption edges. Physica B: Condensed Matter, 1995, 208-209, 29-32.	1.3	36
49	Determination of the I ₂ bond-length distribution in liquid, solid and solution, by extended x-ray absorption fine structure spectroscopy. Journal of Chemical Physics, 1997, 107, 5720.	1.2	36
50	Multiple-Edge XAS Studies of Synthetic Iron~Copper Bridged Molecular Assemblies Relevant to Cytochrome c Oxidase. Structure Determination Using Multiple-Scattering Analysis with Statistical Evaluation of Errors. Inorganic Chemistry, 1996, 35, 4819-4828.	1.9	34
51	Evidence for [2p(s)4f] multielectron resonances in x-ray-absorption spectra of sixth-period elements. Physical Review B, 1994, 49, 12564-12571.	1.1	33
52	EIS: the scattering beamline at FERMI. Journal of Synchrotron Radiation, 2015, 22, 553-564.	1.0	33
53	Selenol binds to iron in nitrogenase iron-molybdenum cofactor: an extended x-ray absorption fine structure study.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 1290-1293.	3.3	32
54	Continued fraction expansion for the X-ray absorption cross section. Journal of Physics Condensed Matter, 1991, 3, 6489-6507.	0.7	31

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55	Ion Hydration under Pressure. <i>Physical Review Letters</i> , 2003, 91, 165505.	2.9	31
56	Comment on "X-ray-absorption fine structure in embedded atoms". <i>Physical Review B</i> , 1996, 53, 9466-9467.	1.1	29
57	Liquid gallium in confined droplets under high-temperature and high-pressure conditions. <i>Physical Review B</i> , 2005, 71, .	1.1	29
58	EXAFS in amorphous silicon alloys. <i>Journal of Non-Crystalline Solids</i> , 1987, 97-98, 365-372.	1.5	28
59	Multichannel detector collimator for powder diffraction measurements at energy scanning x-ray absorption spectroscopy synchrotron radiation beamlines for high-pressure and high-temperature applications. <i>Review of Scientific Instruments</i> , 2003, 74, 2654-2663.	0.6	28
60	Three-body distribution function in liquids: the case of liquid gallium. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 102-106.	1.5	25
61	6m TGM implementation at the Wisconsin Synchrotron Radiation Center (SRC). <i>Review of Scientific Instruments</i> , 1989, 60, 2093-2096.	0.6	24
62	Multiple-scattering analysis of the X-ray absorption spectrum of Os ₃ (CO) ₁₂ carbonyl cluster. <i>Chemical Physics Letters</i> , 1991, 184, 485-490.	1.2	24
63	Short-range order in solid and liquid KBr probed by EXAFS. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 10779-10797.	0.7	24
64	Measurement of theptosWave Branching Ratio ofRe187Î²Decay from Beta Environmental Fine Structure. <i>Physical Review Letters</i> , 2006, 96, 042503.	2.9	24
65	XAS investigation of three-body correlations in liquid Hg. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 112-115.	1.5	22
66	Accurate determination of molecular structures by x-ray absorption spectroscopy. <i>Journal of Chemical Physics</i> , 1998, 109, 5356-5362.	1.2	22
67	Short-range order in amorphous germanium-nitrogen alloys studied by extended x-ray-absorption fine-structure spectroscopy. <i>Physical Review B</i> , 1989, 39, 8364-8370.	1.1	21
68	Structural investigation of gaseous, liquid, and solidBr ₂ by x-ray absorption. <i>Physical Review E</i> , 1993, 48, 4575-4583.	0.8	21
69	An X-ray absorption study of gold coordination compounds: EXAFS refinements and double electron excitation background. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 8429-8448.	0.7	21
70	Short-range order in liquid tellurium probed by X-ray absorption spectroscopy. <i>Europhysics Letters</i> , 1997, 37, 397-402.	0.7	21
71	Nucleation rate of solidification probed by x-ray absorption temperature scans in undercooled liquid metals. <i>Journal of Applied Physics</i> , 2000, 88, 562-570.	1.1	21
72	Polymorphism and metastable phenomena in liquid tin under pressure. <i>Applied Physics Letters</i> , 2006, 89, 221912.	1.5	20

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73	EXAFS investigations of high-nuclearity Pd clusters. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 671-673.	1.3	18
74	Density effect on molecular bond length in fluid I ₂ by x-ray absorption spectroscopy. <i>Journal of Chemical Physics</i> , 1998, 108, 4131-4137.	1.2	18
75	X-Ray absorption spectroscopy investigations of the hydrophobic hydration of krypton at high pressure. <i>Molecular Physics</i> , 2001, 99, 761-765.	0.8	18
76	EXAFS evidence of interstitial oxygen defects in Nd ₂ CuO ₄ + δ . <i>Physica C: Superconductivity and Its Applications</i> , 1995, 246, 345-350.	0.6	17
77	Crystalline nucleation in undercooled liquid nickel. <i>Acta Materialia</i> , 2017, 124, 261-267.	3.8	17
78	Structural characterisation of the giant organometallic platinum cluster Pt ₃₀₉ (phen*) ₃₆ O ₃₀ using EXAFS. <i>Journal of Organometallic Chemistry</i> , 1999, 573, 299-304.	0.8	15
79	Short-range disorder in pseudobinary ionic alloys. <i>Physical Review B</i> , 2002, 65, .	1.1	15
80	Probing matter under extreme conditions at Fermi@Elettra: the TIMEX beamline. <i>Proceedings of SPIE</i> , 2011, , .	0.8	14
81	Probing phase transitions under extreme conditions by ultrafast techniques: Advances at the Fermi@Elettra free-electron-laser facility. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2641-2647.	1.5	14
82	Local g(r) properties in liquids probed by high-temperature EXAFS. <i>Journal of Non-Crystalline Solids</i> , 1996, 205-207, 304-311.	1.5	13
83	Iron surrounding in CaO-FeO-2SiO ₂ glass: EXAFS and molecular dynamics simulation. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 247-248.	1.0	13
84	Structure of crystalline and amorphous Ge probed by X-ray absorption and diffraction techniques. <i>High Pressure Research</i> , 2004, 24, 93-99.	0.4	13
85	Pressure Induced Phase Transitions in Amorphous Ge. <i>Physica Scripta</i> , 2005, , 381.	1.2	13
86	Free electron laser-driven ultrafast rearrangement of the electronic structure in Ti. <i>Structural Dynamics</i> , 2016, 3, 023604.	0.9	13
87	Structure and atomic correlations in molecular systems probed by XAS reverse Monte Carlo refinement. <i>Journal of Chemical Physics</i> , 2018, 148, .	1.2	13
88	Investigating local three-body correlations by means of a novel XAS data analysis method. <i>Synchrotron Radiation News</i> , 1993, 6, 13-19.	0.2	12
89	1s shake-up x-ray photoelectron spectrum of Na in NaCl and other Na salts. <i>Physical Review B</i> , 1993, 48, 13430-13433.	1.1	11
90	Photoemission extended x-ray-absorption fine structure from clean and Al-covered InP(110) surfaces. <i>Physical Review B</i> , 1988, 38, 1566-1568.	1.1	10

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91	Vibrational correlation function in ordered and disordered covalent solids. <i>Physical Review B</i> , 1988, 37, 7027-7037.	1.1	10
92	<title>Laser and synchrotron radiation pump-probe x-ray absorption experiment with sub-ns resolution</title>. , 1998, 3451, 108.		10
93	Crystalline nucleation in undercooled liquids: A Bayesian data-analysis approach for a nonhomogeneous Poisson process. <i>Physical Review E</i> , 2012, 86, 066701.	0.8	10
94	Interplay of electron heating and saturable absorption in ultrafast extreme ultraviolet transmission of condensed matter. <i>Physical Review B</i> , 2014, 90, .	1.1	10
95	Solvation structure of lanthanide(<sc>iii</sc>) bistriflimide salts in acetonitrile solution: a molecular dynamics simulation and EXAFS investigation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13058-13069.	1.3	10
96	Ion hydration in high-density water. <i>Journal of Physics: Conference Series</i> , 2009, 190, 012057.	0.3	9
97	Kinetic Monte Carlo simulation of the classical nucleation process. <i>Journal of Chemical Physics</i> , 2016, 145, 211913.	1.2	9
98	New Synchrotron Radiation Center beamlines at Aladdin. <i>Review of Scientific Instruments</i> , 1989, 60, 1913-1916.	0.6	8
99	1s shake-up excitations in NaF, NaCl, NaBr, and Na ₂ SO ₄ . <i>Solid State Communications</i> , 1994, 91, 555-558.	0.9	8
100	Short-range interaction in liquid rhodium probed by x-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1999, 11, L43-L49.	0.7	8
101	EXAFS studies of iodine-doped poly(octylthiophene). <i>Synthetic Metals</i> , 1999, 101, 363-364.	2.1	8
102	Structure of Water in Zn ²⁺ Aqueous Solutions from Ambient Conditions up to the Gigapascal Pressure Range: A XANES and Molecular Dynamics Study. <i>Inorganic Chemistry</i> , 2017, 56, 14013-14022.	1.9	8
103	Three-body signature of the bcc structure in extended energy-loss spectra of Cr metal. <i>Physical Review B</i> , 1993, 47, 8494-8501.	1.1	7
104	Liquid Rb micrometric droplets confined in paraffin wax: an X-ray absorption spectroscopy study. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 764-766.	1.0	7
105	Investigation of undercooled liquid metals using XAFS, temperature scans and diffraction. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 81-86.	1.0	7
106	An experimental set-up for the nucleation rate determination in supported undercooled liquid metal droplets. <i>Measurement Science and Technology</i> , 2003, 14, 875-882.	1.4	7
107	A method for estimating the temperature in high energy density free electron laser experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 621, 643-649.	0.7	7
108	Reflectivity enhancement in titanium by ultrafast XUV irradiation. <i>Scientific Reports</i> , 2014, 4, 4952.	1.6	7

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109	X-ray absorption spectroscopy on amorphous silicon: A probe for the three-body correlation-function. <i>Journal of Non-Crystalline Solids</i> , 1989, 114, 229-231.	1.5	6
110	1sshake-up excitations in Ge and GeO ₂ by high-energy x-ray photoemission spectroscopy. <i>Physical Review B</i> , 2000, 61, 1871-1875.	1.1	6
111	Lattice Expansion and Ge Solubility in the Ag _{1-x} Ge _x Terminal Solid Solution. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 234, 496-505.	0.7	6
112	Viscoelastic behavior of a mass-rubber band oscillator. <i>American Journal of Physics</i> , 2010, 78, 437-444.	0.3	6
113	Short-range order in liquid matter probed by high-temperature x-ray absorption measurements. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 9335-9339.	0.7	5
114	X-Ray Absorption Spectroscopy under Extreme Conditions. <i>European Physical Journal Special Topics</i> , 1997, 7, C2-31-C2-38.	0.2	5
115	Multiple-scattering x-ray absorption investigation of the local structure around substitutional Ge impurities in Ag. <i>Physical Review B</i> , 1999, 60, 6-9.	1.1	5
116	Early metallization in molecular fluids: the case of iodine. <i>Physica B: Condensed Matter</i> , 1999, 265, 72-78.	1.3	5
117	Local structure of liquid and solid silver halides probed by XAFS. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 761-763.	1.0	5
118	Solid and Liquid AgI at High Pressure and High Temperature: A X-ray Absorption Spectroscopy Study. <i>High Pressure Research</i> , 2002, 22, 349-353.	0.4	5
119	The 14th International Conference on X-ray Absorption Fine Structure (XAFS14). <i>Journal of Physics: Conference Series</i> , 2009, 190, 011001.	0.3	5
120	Determination of the Ion Temperature in a Stainless Steel Slab Exposed to Intense Ultrashort Laser Pulses. <i>Physical Review Letters</i> , 2012, 109, 025005.	2.9	5
121	An investigation of the structure of liquid Zn by X-ray absorption spectroscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 411, 68-71.	0.6	5
122	High-temperature EXAFS study of solid and liquid rhodium. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 251-252.	1.0	4
123	Anharmonic dynamics of a mass O-spring oscillator. <i>American Journal of Physics</i> , 2011, 79, 730-735.	0.3	4
124	Implementation of an undulator beamline on Aladdin. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 291, 162-167.	0.7	3
125	User operation of the first undulator on Aladdin. <i>Physica Scripta</i> , 1990, 41, 409-412.	1.2	3
126	Triangular arrangements in germanium phases probed by XAS. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 337-338.	1.3	3

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127	Evidence for [1s2p]3pshake-up channels in compounds and oxides of third-period elements. Physical Review B, 1996, 53, 15571-15576.	1.1	3
128	Local structure in crystalline and liquid tellurium probed by X-ray absorption spectroscopy. Journal of Synchrotron Radiation, 1999, 6, 549-551.	1.0	3
129	Short-range structure of liquid palladium and rhodium at very high temperatures. Journal of Non-Crystalline Solids, 1999, 250-252, 172-176.	1.5	3
130	Local structure of liquid and undercooled liquid Cu probed by x-ray absorption spectroscopy.. Journal of Physics: Conference Series, 2008, 121, 042009.	0.3	3
131	A non-isochronous rocking oscillator. American Journal of Physics, 2014, 82, 1142-1148.	0.3	3
132	X-ray magnetic circular dichroism measured at the FeK-edge with a reduced intrinsic broadening: x-ray absorption spectroscopy versus resonant inelastic x-ray scattering measurements. Journal of Physics Condensed Matter, 2016, 28, 505202.	0.7	3
133	Measurements and modelling of undulator radiation with a filter-photodiode detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 347, 568-572.	0.7	2
134	Using GNXAS, a multiple-scattering EXAFS analysis, for determination of the Fe $\tilde{}$ -Ni $\tilde{}$ -O angle in {FeNO}7 complexes. Physica B: Condensed Matter, 1995, 208-209, 137-139.	1.3	2
135	On X-Ray Diffraction and X-Ray Absorption Spectroscopy Characterization of Ball Milled Iron Copper Solid Solution. Materials Science Forum, 1998, 269-272, 473-478.	0.3	2
136	Temperature Scanning Techniques with Tunable X-Ray Photons. AIP Conference Proceedings, 2007, , .	0.3	2
137	Local lattice relaxation around Tl substitutional impurities in a NaI(Tl) scintillator crystal. Radiation Physics and Chemistry, 2020, 177, 108992.	1.4	2
138	Semiconductors Under Extreme Conditions. Springer Series in Optical Sciences, 2015, , 187-200.	0.5	2
139	Vibrational correlation function in amorphous covalent solids. Journal of Non-Crystalline Solids, 1987, 97-98, 403-406.	1.5	1
140	Publisher's Note: Polyamorphic transition of germanium under pressure [Phys. Rev. B69, 201201 (2004)]. Physical Review B, 2004, 69, .	1.1	1
141	The Beta Environmental Fine Structure (BEFS): The XAFS Nuclear Analogue. AIP Conference Proceedings, 2007, , .	0.3	1
142	AMORPHOUS HYDROGENATED ALLOYS : A COMPARATIVE EXAFS STUDY OF a-Si \langle sub \rangle 1-x \langle sub \rangle C \langle sub \rangle x \langle sub \rangle : H, a-Si \langle sub \rangle 1-x \langle sub \rangle Ge \langle sub \rangle x \langle sub \rangle : H, a-SiN \langle sub \rangle x \langle sub \rangle : H AT THE SILICON K-EDGE. Journal De Physique Colloque, 1986, 47, C8-357-C8-361.	0.2	1
143	Copper and Silver Alloys under Extreme Conditions. Physica Scripta, 2005, , 960.	1.2	1
144	DOUBLE-ELECTRON EXCITATION AT THE Si K-EDGE OF AMORPHOUS SILICON. Journal De Physique Colloque, 1987, 48, C9-961-C9-964.	0.2	1

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145	Exact thermal and structural damping of the multiple scattering contributions to the XANES. Physica B: Condensed Matter, 1989, 158, 400-402.	1.3	0
146	Using GNXAS to probe the geometric structure of {FeNO}7 compounds. Journal of Inorganic Biochemistry, 1993, 51, 361.	1.5	0
147	On Extended X-Rays Absorption Fine Structure Characterisation of Iron Platinum Clusters. Materials Research Society Symposia Proceedings, 1997, 497, 115.	0.1	0
148	Local Ordering in Disordered Systems under Extreme Conditions. AIP Conference Proceedings, 2007, , .	0.3	0
149	Matter under extreme conditions probed by a seeded free-electron-laser. AIP Conference Proceedings, 2015, , .	0.3	0
150	The structure of liquid metals probed by XAS. EPJ Web of Conferences, 2017, 151, 01001.	0.1	0
151	Advances in high-pressure experiments combining XAS, temperature scans, and ESXD. Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s41-s41.	0.3	0
152	Ultra High Harmonic Rejection using Multilayers. European Physical Journal Special Topics, 1997, 7, C2-333-C2-334.	0.2	0
153	Monolithic Crystal Bender for Dynamical Sagittal Focusing with Compensation for Anticlastic Curvature and Twist Distortions. European Physical Journal Special Topics, 1997, 7, C2-317-C2-318.	0.2	0
154	<i>GNXAS</i>. I. Phase shifts and signal calculations. , 0, , .		0
155	<i>GNXAS</i>. II. Structural refinement of experimental data. , 0, , .		0
156	Liquids, glasses and amorphous solids. , 0, , .		0
157	SPHERICAL WAVE ANALYSIS AND MULTIPLE SCATTERING EFFECTS IN HYDROGENATED AMORPHOUS SILICON. Journal De Physique Colloque, 1986, 47, C8-63-C8-66.	0.2	0
158	STRUCTURAL PROPERTIES OF a-Si AND a-Si : H BY EXAFS. Journal De Physique Colloque, 1986, 47, C8-375-C8-377.	0.2	0