

Francesco Rocca

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Local structure and magnetization of ferromagnetic Cu-doped ZnO films: No magnetism at the dopant?. Journal of Alloys and Compounds, 2016, 678, 304-311.	5.5	14
2	Interpretation of unexpected behavior of infrared absorption spectra of ScF_3 and ReO_3 with the quasiharmonic approximation. Physical Review B, 2016, 93, .	3.2	12
3	Local dynamics and phase transition in quantum paraelectric SrTiO_3 studied by Ti K-edge x-ray absorption spectroscopy. Journal of Physics: Conference Series, 2016, 712, 012101.	0.4	3
4	Local structure of perovskites ReO_3 and ScF_3 with negative thermal expansion: interpretation beyond the quasiharmonic approximation. Journal of Physics: Conference Series, 2016, 712, 012013.	0.4	3
5	Ab initio molecular dynamics simulations of the Sc K-edge EXAFS of scandium trifluoride. Journal of Physics: Conference Series, 2016, 712, 012009.	0.4	4
6	X-ray absorption spectroscopy study of local dynamics and thermal expansion in ReO_3 . Physical Review B, 2015, 92, .	3.2	12
7	Local Structure Studies of Ti for $\text{SrTi}_{16}\text{O}_3$ and $\text{SrTi}_{18}\text{O}_3$ by Advanced X-ray Absorption Spectroscopy Data Analysis. Ferroelectrics, 2015, 485, 42-52.	0.6	3
8	Chromium oxide as a metal diffusion barrier layer: An x-ray absorption fine structure spectroscopy study. Journal of Applied Physics, 2014, 115, 044315.	2.5	8
9	Local structure studies of $\text{SrTi}_{16}\text{O}_3$ and $\text{SrTi}_{18}\text{O}_3$. Physica Scripta, 2014, 89, 044002.	2.5	4
10	Er^{3+} local structure and its optical properties in ZnO-PbO tellurite glasses. Journal of Non-Crystalline Solids, 2014, 383, 153-156.	3.1	7
11	The 12th International Conference on the Structure of Non-Crystalline Materials (NCM12), Riva del Garda-Trento, Italy July 7-13, 2013. Journal of Non-Crystalline Solids, 2014, 401, 1-3.	3.1	0
12	Ionic conductivity, electric modulus and mechanical relaxations in silver iodide-silver molybdate glasses. Journal of Non-Crystalline Solids, 2014, 401, 254-257.	3.1	9
13	Local structure and magnetism of Cu-doped ZnO via Cu K-edge XAS and XMCD: theory and experiment. Journal of Physics: Conference Series, 2013, 430, 012128.	0.4	6
14	Metal induced crystallization of amorphous silicon thin films studied by x-ray absorption fine structure spectroscopy. Journal of Physics: Conference Series, 2013, 430, 012035.	0.4	6
15	Accuracy evaluation in temperature-dependent EXAFS measurements of CdTe. Journal of Synchrotron Radiation, 2013, 20, 603-613.	2.4	16
16	Investigation of Er^{3+} coordination in zinc-lead tellurite bulk glasses and silica-hafnia glass ceramics waveguides. Journal of Physics: Conference Series, 2013, 430, 012089.	0.4	1
17	Crystalline silicon growth in nickel/a-silicon bilayer. , 2013, , .		0
18	Structural and optical characterization of the local environment of Er^{3+} ions in PbO-ZnO tellurite glasses. Journal of Physics Condensed Matter, 2012, 24, 505101.	1.8	3

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19	Transmission electron microscopy study of Ni ²⁺ /Si nanocomposite films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 1108-1112.	3.5	14
20	Cu doped ZnO pellets: study of structure and Cu specific magnetic properties. Journal of Physics Condensed Matter, 2012, 24, 506001.	1.8	16
21	Negative thermal expansion in crystals with the zincblende structure: an EXAFS study of CdTe. Journal of Physics Condensed Matter, 2012, 24, 115403.	1.8	28
22	Cr induced nanocrystallization of a-Si thin films: its mechanism. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1493-1495.	0.8	6
23	Zn K edge and O K edge x-ray absorption spectra of ZnO surfaces: implications for nanorods. Journal of Physics Condensed Matter, 2011, 23, 315501.	1.8	9
24	Growth, optical, and electrical properties of silicon films produced by the metal-induced crystallization process. Journal of Nanoparticle Research, 2011, 13, 5999-6004.	1.9	19
25	Electronic structure effects on BK-edge XANES of minerals. Journal of Synchrotron Radiation, 2010, 17, 367-373.	2.4	6
26	Negative thermal expansion in crystals with the delafossite structure: An extended x-ray absorption fine structure study of CuScO_2 and CuLaO_2 . Physical Review B, 2009, 79, 045111.	3.2	40
27	XRD and EXAFS studies on the structure of Er ³⁺ -doped SiO ₂ -HfO ₂ glass-ceramic waveguides: Er ³⁺ -activated HfO ₂ nanocrystals. Journal Physics D: Applied Physics, 2009, 42, 115416.	2.8	38
28	On the origin of the differences in the Cu K-edge XANES of isostructural and isoelectronic compounds. Journal of Physics Condensed Matter, 2009, 21, 255401.	1.8	3
29	A new tool for nanoscale X-ray absorption spectroscopy and element-specific SNOM microscopy. Micron, 2009, 40, 61-65.	2.2	7
30	Raman and Er ³⁺ spectroscopy of hafnia single crystals and nanocrystals. Optical Materials, 2009, 31, 1362-1365.	3.6	6
31	Mechanical relaxation in a ternary silver borate below the glass transition temperature and corresponding features of the electrical response. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 521-522, 276-278.	5.6	2
32	Thermal expansion of silver iodide-silver molybdate glasses at low temperatures. Journal of Chemical Physics, 2009, 130, 204508.	3.0	2
33	Femtometer accuracy EXAFS measurements: Isotopic effect in the first, second and third coordination shells of germanium. Journal of Physics: Conference Series, 2009, 190, 012063.	0.4	12
34	EXAFS and negative thermal expansion in CdTe. Journal of Physics: Conference Series, 2009, 190, 012066.	0.4	1
35	XAFS study of Ni surroundings in metal induced crystallization of thin film amorphous silicon. Solid State Communications, 2008, 147, 401-404.	1.9	7
36	Correlation Between I-Ag Distance and Ionic Conductivity in AgI Fast-Ion-Conducting Glasses. Physical Review Letters, 2008, 101, 155901.	7.8	36

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37	Local study on the MoO ₄ units in AgI-doped silver molybdate glasses. Journal of Non-Crystalline Solids, 2008, 354, 94-97.	3.1	16
38	X-ray excited optical luminescence detection by scanning near-field optical microscope: A new tool for nanoscience. Review of Scientific Instruments, 2008, 79, 013702.	1.3	23
39	Isotopic Effect In Extended X-Ray-Absorption Fine Structure of Germanium. Physical Review Letters, 2008, 100, 055901.	7.8	38
40	Wide-Band KB Optics for Spectro-Microscopy Imaging Applications in the 6â€“13 keV X-ray Energy Range. AIP Conference Proceedings, 2007, , .	0.4	2
41	Influence of temperature on the local structure around iodine in fast-ion-conducting AgI:Ag ₂ MoO ₄ glasses. New Journal of Physics, 2007, 9, 88-88.	2.9	17
42	Nanoscale x-ray absorption spectroscopy using XEOL-SNOM detection mode. Journal of Physics: Conference Series, 2007, 93, 012038.	0.4	9
43	Local structure around Er^{3+} ions in Er^{3+} -doped SiO_2 glasses. Journal of Physics: Conference Series, 2007, 93, 012038.	3.2	27
44	B K-Edge XANES of Superstructural Units in Borate Glasses. AIP Conference Proceedings, 2007, , .	0.4	2
45	EXAFS and XRD Studies with Subpicometer Accuracy: The Case of ReO ₃ . AIP Conference Proceedings, 2007, , .	0.4	7
46	Zn K-edge XANES in nanocrystalline ZnO. Journal of Physics: Conference Series, 2007, 93, 012045.	0.4	27
47	Thermal behaviour of the local environment around iodine in fast-ion-conducting AgI-doped glasses. Philosophical Magazine, 2007, 87, 769-777.	1.6	8
48	Negative thermal expansion in CuCl: An extended x-ray absorption fine structure study. Physical Review B, 2007, 75, .	3.2	51
49	Silicon nanocrystal formation in annealed silicon-rich silicon oxide films prepared by plasma enhanced chemical vapor deposition. Journal of Applied Physics, 2007, 101, 113510.	2.5	77
50	Negative thermal expansion and local dynamics in Cu ₂ O and Ag ₂ O. Physical Review B, 2006, 73, .	3.2	95
51	X-ray absorption spectroscopy of strongly disordered glasses: Local structure around Ag ions in $\text{Ag}_2\text{O}^{\text{TM}}\text{B}_2\text{O}_3$. Physical Review B, 2006, 73, .	3.2	7
52	XRD and EXAFS studies of crystallisation in films. Materials Science in Semiconductor Processing, 2006, 9, 1043-1048.	4.0	17
53	Local behaviour of negative thermal expansion materials. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 180-183.	1.4	22
54	Negative thermal expansion in cuprite-type compounds: A combined synchrotron XRPD, EXAFS, and computational study of Cu ₂ O and Ag ₂ O. Journal of Physics and Chemistry of Solids, 2006, 67, 1918-1922.	4.0	24

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55	Short-range order around Er ³⁺ in silica waveguides containing aluminium, titanium and hafnium. <i>Optical Materials</i> , 2006, 28, 864-867.	3.6	22
56	X-ray studies on optical and structural properties of ZnO nanostructured thin films. <i>Superlattices and Microstructures</i> , 2006, 39, 267-274.	3.1	39
57	Er ³⁺ -activated silica-hafnia glass-ceramics planar waveguides. , 2006, 6183, 438.		19
58	XANES and EXAFS Modelling of Configurational Disorder in Silver Borate Glasses. <i>Physica Scripta</i> , 2005, , 149.	2.5	2
59	EXAFS and XRD Study of Local Dynamics in Cu ₂ O and Ag ₂ O. <i>Physica Scripta</i> , 2005, , 271.	2.5	3
60	EXAFS and Local Thermal Expansion. <i>Physica Scripta</i> , 2005, , 143.	2.5	0
61	EXAFS studies of lattice dynamics and thermal expansion. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3085-3088.	0.8	7
62	Ordered and disordered models of local structure around Ag cations in silver borate glasses based on x-ray absorption near-edge structure spectroscopy. <i>Physical Review B</i> , 2004, 69, .	3.2	13
63	Extended x-ray-absorption fine-structure measurements of copper: Local dynamics, anharmonicity, and thermal expansion. <i>Physical Review B</i> , 2004, 70, .	3.2	111
64	X-ray absorption fine structure: characterization of thermal and structural disorder in non-crystalline solids. <i>Journal of Non-Crystalline Solids</i> , 2004, 345-346, 7-15.	3.1	11
65	X-Ray Absorption and Diffraction Studies of Pr ³⁺ , Tb ³⁺ and Er ³⁺ -Activated Silica Gels. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 267-271.	2.4	14
66	EXAFS and local thermal expansion: The case of silver oxide. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 200, 237-241.	1.4	6
67	X-ray absorption study of light emitting silicon nanocrystals. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 16, 321-325.	2.7	10
68	Size and surface effects in porous silicon studied by X-ray absorption spectroscopy. <i>Physica Status Solidi A</i> , 2003, 197, 98-102.	1.7	2
69	Role of the interface region on the optoelectronic properties of silicon nanocrystals embedded in SiO ₂ . <i>Physical Review B</i> , 2003, 68, .	3.2	235
70	Chemical composition and local structure of plasma enhanced chemical vapor-deposited Si nanodots and their embedding silica matrix. <i>Applied Physics Letters</i> , 2003, 82, 889-891.	3.3	17
71	Local thermal expansion in copper: Extended x-ray-absorption fine-structure measurements and path-integral Monte Carlo calculations. <i>Physical Review B</i> , 2003, 68, .	3.2	35
72	Silicon Nanocrystal Nucleation as a Function of the Annealing Temperature in SiO _x Films. <i>Materials Research Society Symposia Proceedings</i> , 2003, 770, 131.	0.1	2

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73	Experimental and Theoretical Joint Study on the Electronic and Structural Properties of Silicon Nanocrystals Embedded in SiO ₂ : active Role of the Interface Region. Materials Research Society Symposia Proceedings, 2003, 770, 611.	0.1	2
74	Local Thermal Expansion in a Cuprite Structure: The Case of Ag ₂ O. Physical Review Letters, 2002, 89, 025503.	7.8	56
75	Local order of Sb and Bi dopants in hydrogenated amorphous germanium thin films studied by extended x-ray absorption fine structure. Applied Physics Letters, 2002, 81, 625-627.	3.3	7
76	EXAFS studies of the local thermal expansion in borate glasses. Journal of Non-Crystalline Solids, 2001, 293-295, 93-99.	3.1	10
77	EXAFS studies of the local structure of Er ³⁺ ions in silica xerogels co-doped with aluminium. Journal of Non-Crystalline Solids, 2001, 293-295, 112-117.	3.1	30
78	Structure of (GeO ₂) _{1-x} (PbO) _x glasses by X-ray scattering. Journal of Non-Crystalline Solids, 2001, 293-295, 502-509.	3.1	13
79	Structural and Optical Properties of Silicon Nanocrystals Grown by Plasma-Enhanced Chemical Vapor Deposition. Journal of Nanoscience and Nanotechnology, 2001, 1, 159-168.	0.9	26
80	Internal stress-induced changes of impurity coordination and doping mechanisms in a-Ge:H doped with column III metals. Solid State Communications, 2000, 115, 89-93.	1.9	8
81	New EXAFS Measurements by XEOL and TEY on Porous Silicon. Journal of Porous Materials, 2000, 7, 169-172.	2.6	1
82	EXAFS and thermal expansion. AIP Conference Proceedings, 2000, , .	0.4	1
83	Evidence of x-ray absorption-edge shift as a function of luminescence wavelength in porous silicon. Physical Review B, 2000, 62, 9911-9914.	3.2	17
84	Local coordination and electronic doping of column III metals in hydrogenated amorphous germanium. Journal of Non-Crystalline Solids, 2000, 266-269, 726-729.	3.1	5
85	On the sensitivity of the x-ray excited optical luminescence to the local structure of the luminescent Si sites of porous silicon. Applied Physics Letters, 1999, 74, 1454-1456.	3.3	25
86	Local coordination of Ga impurity in hydrogenated amorphous germanium studied by extended x-ray absorption fine-structure spectroscopy. Applied Physics Letters, 1999, 74, 281-283.	3.3	13
87	XANES and EXAFS at Mo K-edge in (AgI) _{1-x} (Ag ₂ MoO ₄) _x glasses and crystals. Solid State Ionics, 1999, 121, 189-192.	2.7	35
88	EXAFS study of Tb-doped silica xerogels. Journal of Synchrotron Radiation, 1999, 6, 737-739.	2.4	9
89	Real-space multiple-scattering analysis of AgL ₁ - and L ₃ -edge XANES spectra of Ag ₂ O. Journal of Synchrotron Radiation, 1999, 6, 770-772.	2.4	13
90	Local order in light emitting porous silicon studied by XEOL and TEY. Journal of Luminescence, 1998, 80, 103-107.	3.1	14

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91	X-ray absorption spectroscopy on light emitting porous silicon by XEOL and TEY. Journal of Non-Crystalline Solids, 1998, 232-234, 370-376.	3.1	16
92	X-ray analysis of the structure of Ag-tetraborate glasses (AgI) _x (Ag ₂ O·4B ₂ O ₃) _{1-x} . Journal of Non-Crystalline Solids, 1998, 232-234, 627-633.	3.1	8
93	Extended X-ray absorption fine structure measurements of the local environment of Pr ³⁺ ions in silica xerogels and zinc borate glasses. Journal of Non-Crystalline Solids, 1998, 232-234, 581-586.	3.1	9
94	Local order in hydrogenated amorphous germanium thin films studied by extended x-ray absorption fine-structure spectroscopy. Journal of Physics Condensed Matter, 1997, 9, 5875-5888.	1.8	19
95	Temperature Dependent Re L ₃ -Edge X-Ray Absorption Study of Crystalline Rhenium Trioxide ReO ₃ . European Physical Journal Special Topics, 1997, 7, C2-1119-C2-1120.	0.2	0
96	Local Order in Hydrogenated Amorphous Germanium Thin Films. European Physical Journal Special Topics, 1997, 7, C2-1013-C2-1014.	0.2	0
97	Anharmonic Thermal Vibrations in CdSe. European Physical Journal Special Topics, 1997, 7, C2-237-C2-238.	0.2	0
98	PIN Silicon Diodes as EXAFS Signal Detectors. Journal of Synchrotron Radiation, 1996, 3, 213-219.	2.4	6
99	The circular bulk photovoltaic effect in the piezoelectric cristal La ₃ Ga ₅ SiO ₁₄ : Pr. Ferroelectrics, Letters Section, 1996, 21, 61-63.	1.0	5
100	X-ray-absorption spectroscopy of Nd ³⁺ -exchanged γ -alumina crystal. Physical Review B, 1996, 53, 11444-11450.	3.2	4
101	A high-temperature x-ray absorption spectroscopy study of. Journal of Physics Condensed Matter, 1996, 8, 9083-9102.	1.8	20
102	EXAFS analysis for anharmonic systems. Physica B: Condensed Matter, 1995, 208-209, 135-136.	2.7	4
103	EXAFS study of the γ -AgI phase stabilized at room temperature in a glass matrix. Physica B: Condensed Matter, 1995, 208-209, 383-384.	2.7	0
104	The local structure of porous silicon investigated by EXAFS. Physica B: Condensed Matter, 1995, 208-209, 559-561.	2.7	1
105	The local structure of porous silicon studied by EXAFS. Nuclear Instruments & Methods in Physics Research B, 1995, 97, 322-325.	1.4	11
106	Anharmonicity effects on the extended x-ray-absorption fine structure: The case of γ -AgI. Physical Review B, 1995, 52, 149-157.	3.2	55
107	Local disorder in crystalline and amorphous germanium. Physical Review B, 1995, 52, 11034-11043.	3.2	66
108	Local structure and dynamics of disordered systems studied by EXAFS. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1995, 71, 751-760.	0.6	7

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109	X-ray absorption spectroscopy study of ReO ₃ lattice dynamics. Journal of Physics Condensed Matter, 1995, 7, 1199-1213.	1.8	16
110	The medium-range order in Li and Ag borate glasses (with AgI). Journal of Non-Crystalline Solids, 1995, 192-193, 125-128.	3.1	4
111	EXAFS study of the \hat{I}_{\pm} -AgI phase stabilized at room temperature in a glass matrix. Journal of Non-Crystalline Solids, 1995, 192-193, 347-350.	3.1	0
112	Giant Bulk Photovoltaic Effect under Linearly Polarized X-Ray Synchrotron Radiation. Physical Review Letters, 1995, 74, 988-991.	7.8	61
113	An EXAFS study of thermal disorder in GaAs. Journal of Physics Condensed Matter, 1994, 6, 3599-3608.	1.8	16
114	X-ray-absorption spectroscopy of aNd ³⁺ -exchanged \hat{I}^2 -alumina crystal. Physical Review B, 1994, 50, 6662-6672.	3.2	15
115	EXAFS study of Nd ³⁺ -exchanged \hat{I}^2 -alumina crystal. Solid State Ionics, 1994, 70-71, 465-470.	2.7	1
116	Local structure and dynamics in AgI studied by EXAFS and molecular dynamics. Solid State Ionics, 1994, 69, 13-19.	2.7	18
117	Local structure and dynamics of amorphous germanium studied by the cumulant expansion of EXAFS. Journal of Non-Crystalline Solids, 1993, 164-166, 159-162.	3.1	12
118	The bulk photovoltaic effect in LiNbO ₃ , crystals under X-ray synchrotron radiation. Ferroelectrics, Letters Section, 1993, 16, 1-5.	1.0	8
119	EXAFS and XANES study of GaAs on Ga and As K edges. Journal of Physics Condensed Matter, 1993, 5, 1643-1654.	1.8	12
120	Cumulant analysis of the extended x-ray-absorption fine structure of \hat{I}^2 -AgI. Physical Review B, 1993, 47, 8502-8514.	3.2	117
121	Anharmonicity of \hat{I}^2 -AgI Studied by the Cumulant Expansion of EXAFS. Japanese Journal of Applied Physics, 1993, 32, 86.	1.5	1
122	Investigation of the Local Thermal Behaviour of GaAs by the Cumulant Analysis of EXAFS. Japanese Journal of Applied Physics, 1993, 32, 89.	1.5	4
123	X-ray Absorption Study of Gallium Arsenide at the Ga and AsK-edges. Japanese Journal of Applied Physics, 1993, 32, 104.	1.5	1
124	Temperature dependence of EXAFS Debye-Waller factors in beta - and gamma -AgI. Journal of Physics Condensed Matter, 1992, 4, 1121-1130.	1.8	2
125	Electron-vibration coupling in a dynamical fractal: Superionic borate glasses. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1992, 65, 143-151.	0.6	9
126	The structure of Ag- and Li-borate glasses of the composition (Ag ₂ O·2B ₂ O ₃) _{1-x} (AgI) _x and (Li ₂ O·2B ₂ O ₃). Journal of Non-Crystalline Solids, 1992, 150, 140-143.	3.1	15

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127	Structural study of AgI-Ag ₂ O-B ₂ O ₃ glasses by X-ray absorption spectroscopy. Solid State Ionics, 1992, 53-56, 1253-1259.	2.7	19
128	Structural studies of ionically conductive glasses by EXAFS. European Physical Journal Special Topics, 1992, 02, C2-97-C2-106.	0.2	2
129	Non gaussian distributions in disordered systems studied by the cumulant expansion of EXAFS. European Physical Journal Special Topics, 1992, 02, C2-207-C2-210.	0.2	0
130	L1 and L3 x-ray-absorption edges of iodine in AgI studied by multiple-scattering theory using complex potentials. Physical Review B, 1991, 44, 11569-11577.	3.2	11
131	The XANES K-Edge Spectra for HgMnSe and HgFeSe. Acta Physica Polonica A, 1991, 80, 373-376.	0.5	0
132	X-ray absorption spectroscopy of CdMnTe. Journal of Crystal Growth, 1990, 101, 237-240.	1.5	6
133	Correlation effects in the extended x-ray-absorption fine-structure Debye-Waller factors of AgI. Physical Review B, 1990, 41, 9668-9675.	3.2	46
134	Low-frequency dynamics in superionic borate glasses by coupled Raman and inelastic neutron scattering. Physical Review B, 1990, 41, 3778-3785.	3.2	100
135	Light scattering in AgI containing superionic glasses. Journal of Non-Crystalline Solids, 1990, 123, 230-233.	3.1	13
136	Short range order in AgI:Ag ₂ O:B ₂ O ₃ glasses: results from EXAFS and related techniques. Journal of Non-Crystalline Solids, 1990, 123, 310-314.	3.1	32
137	Transmission and reflectivity studies of (AgI) _x (Ag ₂ O) _{1-x} B ₂ O ₃ glasses in the 0.5-5.9 eV energy range. Journal of Non-Crystalline Solids, 1990, 122, 151-159.	3.1	4
138	X-ray-absorption spectroscopy of ZnTe, CdTe, and HgTe: Experimental and theoretical study of near-edge structures. Physical Review B, 1989, 39, 7895-7904.	3.2	27
139	Exafs studies of the local structure in silver iodide containing glasses: Results and perspectives. Materials Chemistry and Physics, 1989, 23, 85-98.	4.0	7
140	Temperature dependence of the Debye-Waller factors in AgI. Physica B: Condensed Matter, 1989, 158, 407-408.	2.7	2
141	Ag ₂ O band structure and x-ray-absorption near-edge spectra. Physical Review B, 1989, 39, 9831-9838.	3.2	57
142	Extended X-ray absorption fine structure and vibrational dynamics in AgI. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1989, 59, 143-149.	0.6	2
143	Fractal model of Raman scattering in superionic glasses: Does it always work?. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1989, 59, 57-63.	0.6	10
144	EXAFS structural studies on (AgI) _x (Ag ₂ O) _{1-x} B ₂ O ₃ glasses. Solid State Ionics, 1988, 28-30, 713-716.	2.7	16

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145	Fractal interpretation of raman scattering on AgI:Ag ₂ O:B ₂ O ₃ . Solid State Ionics, 1988, 28-30, 722-725.	2.7	4
146	EXAFS study of the coordination of phosphorus in AgPO 3 glass. Journal of Non-Crystalline Solids, 1988, 106, 181-184.	3.1	9
147	Raman activity in the $\hat{2}$ phase of silver iodide: Low-temperature ordered crystal. Physical Review B, 1988, 38, 10883-10893.	3.2	5
148	Evidence of fractal behaviour. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 251-255.	0.6	23
149	Concentration dependence of Raman scattering in superionic glasses (AgI) _x (Ag ₂ OH ₂ O ₃) _{1-x} . Physical Review B, 1987, 36, 9279-9282.	3.2	17
150	Direct experimental determination of the crossover frequency between phonon and fracton regimes and its scaling behavior in superionic silver borate glasses. Physical Review Letters, 1987, 58, 503-506.	7.8	105
151	EXAFS studies of silver ion coordination in silver borate glasses. Journal of Non-Crystalline Solids, 1987, 91, 153-164.	3.1	43
152	Low-temperature behaviour of the lithium modes in monoclinic Li ₂ SO ₄ . Physica Status Solidi (B): Basic Research, 1987, 140, 621-630.	1.5	5
153	Disorder induced Raman scattering in $\hat{2}$ -AgI. Solid State Ionics, 1986, 18-19, 883-887.	2.7	2
154	XANES IN FAST ION CONDUCTING GLASSES AgI : Ag ₂ O : B ₂ O ₃ . Journal De Physique Colloque, 1986, 47, C8-749-C8-752.	0.2	0
155	XAS STUDIES ON THE ROLE OF THE ALKALINE ION IN A LEAD-GLAZE SYSTEM. Journal De Physique Colloque, 1986, 47, C8-753-C8-756.	0.2	0
156	Low-Frequency Light Scattering in Superionic Glasses (AgI) _x (Ag ₂ O) _{1-x} (B ₂ O ₃) _{1-x} . Physica Status Solidi (B): Basic Research, 1985, 129, 489-496.	1.5	16
157	SHORT RANGE ORDER IN SILVER BORATE GLASSES. Journal De Physique Colloque, 1985, 46, C8-101-C8-105.	0.2	6
158	Inelastic light scattering in superionic glasses(AgI) _x (Ag ₂ O) _{1-x} (B ₂ O ₃) _{1-x} . Physical Review B, 1984, 29, 3567-3572.	3.2	110
159	EXAFS on Silver Borate Glasses. Springer Proceedings in Physics, 1984, , 314-316.	0.2	1
160	Optical and X-ray absorption measurements on superionic (AgI) _x (Ag ₂ O) _{1-x} (B ₂ O ₃) _{1-x} glasses. Solid State Ionics, 1983, 9-10, 597-602.	2.7	34
161	X-ray absorption measurements at the Ag L ₃ edge on silver borate glasses with synchrotron radiation. Solid State Communications, 1983, 48, 421-425.	1.9	7
162	Study of the order-disorder transition in $\hat{2}$ -AgI by temperature dependence of the depolarization ratio. Solid State Ionics, 1981, 5, 473-476.	2.7	4

#	ARTICLE	IF	CITATIONS
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165	OBSERVATION OF PRETRANSITIONAL EFFECTS ON THE SHAPE OF THE E ₂ (17 cm ⁻¹) OPTICAL MODE IN I ² -AgI BY RAMAN SPECTROSCOPY. Journal De Physique Colloque, 1981, 42, C6-776-C6-778.	0.2	0
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