Augusto Marcelli

List of Publications by Year
in descending order

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426 papers	7,035 citations	70961 41 h-index	114278 63 g-index
431 all docs	431 docs citations	431 times ranked	6962 citing authors

#	Article	IF	Citations
1	Specific intermediate-valence state of insulating 4fcompounds detected byL3x-ray absorption. Physical Review B, 1987, 35, 806-812.	1.1	225
2	L2,3 xanes of the high Tc superconductor YBa2Cu3Oâ‰ˆ7 with variable oxygen content. Solid State Communications, 1987, 63, 1009-1013.	0.9	200
3	Multiple-scattering regime and higher-order correlations in x-ray-absorption spectra of liquid solutions. Physical Review B, 1986, 34, 5774-5781.	1.1	196
4	Symmetry of the3d9ligand hole induced by doping inYBa2Cu3O7âˆ’Î´. Physical Review B, 1988, 38, 7196-7199.	1.1	182
5	A bright future for synchrotron imaging. Nature Photonics, 2009, 3, 179-179.	15.6	146
6	Optimum inhomogeneity of local lattice distortions in La ₂ CuO _{4+ y}. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15685-15690.	3.3	109
7	Many-body effects in praesodymium core-level spectroscopies ofPrO2. Physical Review B, 1988, 38, 3433-3437.	1.1	107
8	Delocalized versus localized unoccupied5fstates and the uranium site structure in uranium oxides and glasses probed by x-ray-absorption near-edge structure. Physical Review B, 1986, 34, 7350-7361.	1.1	95
9	Multielectron configurations in the x-ray-absorption near-edge structure of NiO at the oxygenKthreshold. Physical Review B, 1986, 33, 2979-2982.	1.1	85
10	Evidence of 3d9-ligand hole states in the superconductor La1.85Sr0.15CuO4 from L3 X-ray absorption spectroscopy. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 127, 285-291.	0.9	85
11	Evaporation of Ethanol and Ethanolâˆ’Water Mixtures Studied by Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2008, 112, 6512-6516.	1.1	81
12	Biological applications of synchrotron radiation infrared spectromicroscopy. Biotechnology Advances, 2012, 30, 1390-1404.	6.0	78
13	Multiple-scattering effects in theK-edge x-ray-absorption near-edge structure of crystalline and amorphous silicon. Physical Review B, 1987, 36, 6426-6433.	1.1	73
14	Bioâ€“nano interaction of proteins adsorbed on single-walled carbon nanotubes. Carbon, 2009, 47, 967-973.	5.4	72
15	Multielectron excitations in theK-edge x-ray-absorption near-edge spectra of V, Cr, and Mn 3d0compounds with tetrahedral coordination. Physical Review B, 1991, 43, 6885-6892.	1.1	71
16	Compression mechanisms in aluminosilicate melts: Raman and XANES spectroscopy of glasses quenched from pressures up to 10 GPa. Chemical Geology, 2001, 174, 21-31.	1.4	70
17	Highly Ordered â€œDefect-Freeâ€•Self-Assembled Hybrid Films with a Tetragonal Mesostructure. Journal of the American Chemical Society, 2005, 127, 3838-3846.	6.6	69
18	Quadrupolar transitions and medium-range-order effects in metalK-edge x-ray absorption spectra of3dtransition-metal compounds. Physical Review B, 2004, 70, .	1.1	65

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19	Infrared properties of chemical-vapor deposition polycrystalline diamond windows. Applied Optics, 1998, 37, 5731.	2.1	64
20	EuPRAXIA Conceptual Design Report. European Physical Journal: Special Topics, 2020, 229, 3675-4284.	1.2	64
21	Influence of double-electron transitions on the EXAFSLedges of rare-earth systems. Physical Review B, 1994, 49, 11652-11661.	1.1	58
22	Structural determination of titanium-oxide nanoparticles by x-ray absorption spectroscopy. Applied Physics Letters, 2002, 80, 2973-2975.	1.5	58
23	Terahertz and mid-infrared plasmons in three-dimensional nanoporous graphene. Nature Communications, 2017, 8, 14885.	5.8	58
24	Determination of the symmetry of the 3d9L states by polarized CuL3XAS spectra of single crystal YBa2Cu3Oâ‰ˆ6.9. Physica C: Superconductivity and Its Applications, 1988, 153-155, 1760-1761.	0.6	56
25	Reduction and Sorption of Chromium by Fe(II)-Bearing Phyllosilicates: Chemical Treatments and X-Ray Absorption Spectroscopy (XAS) Studies. Clays and Clay Minerals, 2000, 48, 272-281.	0.6	54
26	Time-Resolved Simultaneous Detection of Structural and Chemical Changes during Self-Assembly of Mesostructured Films. Journal of Physical Chemistry C, 2007, 111, 5345-5350.	1.5	54
27	Lack of delocalized Cup states at the fermi level in the high-T c superconductor YBa2Cu3Oâ¼7 by XANES spectroscopy. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1987, 67, 307-312.	1.1	53
28	Symmetry dependence of x-ray absorption near-edge structure at the metal K edge of 3d transition metal compounds. Applied Physics Letters, 2001, 79, 1918-1920.	1.5	53
29	Optical performances of SINBAD, the Synchrotron INfrared Beamline At DAÎ¦NE. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 2810.	0.8	51
30	Many Body Effect in Inner Shell Photoemission and Photoabsorption Spectra of La Compounds. Journal of the Physical Society of Japan, 1987, 56, 798-809.	0.7	50
31	Evaporation-Induced Crystallization of Pluronic F127 Studied in Situ by Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2010, 114, 304-308.	1.1	48
32	Mobile monitoring of particulate matter: State of art and perspectives. Atmospheric Pollution Research, 2016, 7, 228-234.	1.8	48
33	Characterization of aluminium nitride nanostructures by XANES and FTIR spectroscopies with synchrotron radiation. Journal of Physics Condensed Matter, 2006, 18, S2095-S2104.	0.7	47
34	EuPRAXIA@SPARC_LAB Design study towards a compact FEL facility at LNF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 134-138.	0.7	46
35	Photoinduced Formation of Wrinkled Microstructures with Longâ€Range Order in Thin Oxide Films. Advanced Materials, 2007, 19, 4343-4346.	11.1	45
36	Fabrication of Mesoporous Functionalized Arrays by Integrating Deep Xâ€Ray Lithography with Dipâ€Pen Writing. Advanced Materials, 2008, 20, 1864-1869.	11.1	45

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37	Multiple-scattering analysis ofK-edge x-ray-absorption near-edge spectrum of YBa2Cu3O7. Physical Review B, 1988, 38, 244-251.	1.1	44
38	Synchrotron radiation FTIR imaging in minutes: a first step towards real-time cell imaging. Analytical and Bioanalytical Chemistry, 2010, 397, 2123-2129.	1.9	43
39	Facing the challenge of biosample imaging by FTIR with a synchrotron radiation source. Journal of Synchrotron Radiation, 2010, 17, 1-11.	1.0	43
40	Phase retrieval in x-ray imaging based on using structured illumination. Physical Review A, 2008, 78, .	1.0	41
41	In vivo skin leptin modulation after 14 MeV neutron irradiation: a molecular and FT-IR spectroscopic study. Analytical and Bioanalytical Chemistry, 2012, 404, 1317-1326.	1.9	41
42	Lunar Gravitational-wave Antenna. Astrophysical Journal, 2021, 910, 1.	1.6	41
43	Determination of mixing of 4f-ligand orbitals in Ce(SO4)2 by Xanes is Ce(SO4)2 a mixed valent insulating system?. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 209-211.	1.0	39
44	The structural determination of endohedral metallofullerene Gd@C₈₂by XANES. Chemical Communications, 2008, , 474-476.	2.2	39
45	Application of Synchrotron Radiation Technologies to Electrode Materials for Liâ€•and Naâ€‐ion Batteries. Advanced Energy Materials, 2017, 7, 1700460.	10.2	39
46	Three particle correlation function of metal ions in tetrahedral coordination determined by XANES. Solid State Communications, 1986, 58, 595-599.	0.9	38
47	Application of micro-FTIR imaging in the Earth sciences. Analytical and Bioanalytical Chemistry, 2010, 397, 2039-2049.	1.9	37
48	Retarding Ostwald Ripening to Directly Cast 3D Porous Graphene Oxide Bulks at Open Ambient Conditions. ACS Nano, 2020, 14, 6249-6257.	7.3	37
49	X-ray magnetic circular dichroism at the ironKedge in rare-earth-transition-metal intermetallics: Experimental probe of the rare-earth magnetic moment. Physical Review B, 1996, 54, R15637-R15640.	1.1	36
50	Percolative superconductivity in La2CuO4.06 by lattice granularity patterns with scanning micro x-ray absorption near edge structure. Applied Physics Letters, 2014, 104, .	1.5	36
51	Octahedral versus tetrahedral coordination of Al in synthetic micas determined by XANES. American Mineralogist, 1997, 82, 497-502.	0.9	35
52	Chromium-containing muscovite: crystal chemistry and XANES spectroscopy. European Journal of Mineralogy, 2001, 13, 377-389.	0.4	35
53	Potassium coordination in trioctahedral micas investigated by K-edge XANES spectroscopy. Mineralogy and Petrology, 2005, 85, 67-87.	0.4	35
54	Highâ€Efficiency and Low Distortion Photoacoustic Effect in 3D Graphene Sponge. Advanced Functional Materials, 2018, 28, 1702652.	7.8	35

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55	EXPERIMENTAL EVIDENCE OF ITINERANT Cu 3d9 - OXYGEN HOLE MANY BODY CONFIGURATION IN THE HIGH-TC SUPERCONDUCTOR YBa2Cu3O~7. International Journal of Modern Physics B, 1987, 01, 853-862.	1.0	34
56	Luminescence, vibrational and XANES studies of AlN nanomaterials. Radiation Measurements, 2007, 42, 708-711.	0.7	34
57	SR-FTIR Microscopy and FTIR Imaging in the Earth Sciences. Reviews in Mineralogy and Geochemistry, 2014, 78, 447-479.	2.2	34
58	Experimental evidence for the â€œshake-downâ€•peak in LIII (and LII)-xanes of light rare earth intermetallics. Solid State Communications, 1984, 49, 409-415.	0.9	33
59	Application of a complex potential to the interpretation of Xanes spectra the case of Na K-edge in NaCl. Solid State Communications, 1990, 76, 109-111.	0.9	32
60	X-ray magnetic circular dichroism at rare-earthL2,3edges inR2Fe14Bcompounds(R=La,Pr, Nd, Sm, Gd, Tb,) Tj ETQq0 0 0 rgBT /Overlock 1	1.1	32
61	AmorphousAl90FexCe10âˆ’xalloys:â€ƒX-ray absorption analysis of the Al, Fe and Ce local atomic and electronic structures. Physical Review B, 2002, 65, .	1.1	32
62	The dynamics of Fe oxidation in riebeckite: A model for amphiboles. American Mineralogist, 2018, 103, 1103-1111.	0.9	32
63	Jarosite formation in deep Antarctic ice provides a window into acidic, water-limited weathering on Mars. Nature Communications, 2021, 12, 436.	5.8	32
64	Evidence for Al/Si tetrahedral network in aluminosilicate glasses from AlK-edge x-ray-absorption spectroscopy. Physical Review B, 1999, 60, 9216-9219.	1.1	31
65	Single-reflection regime of x rays that travel into a monocapillary. Applied Optics, 1999, 38, 7494.	2.1	31
66	Detection of hydrogen-induced effects in Ce2Fe14BHx and Ce2Fe17Hx permanent magnets by LIII absorption edge of cerium. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1171-1172.	1.0	30
67	Far-Infrared Absorption ofLa1âˆ’xCaxMnO3âˆ’yat High Pressure. Physical Review Letters, 2006, 96, 035503.	2.9	30
68	Highly ordered self-assembled mesostructured membranes: Porous structure and pore surface coverage. Microporous and Mesoporous Materials, 2007, 103, 113-122.	2.2	30
69	X-ray magnetic-circular-dichroism probe of a noncollinear magnetic arrangement below the spin reorientation transition inNd2Fe14B. Physical Review B, 1998, 57, 8424-8429.	1.1	29
70	Nano-inclusions: a novel approach to tune the thermal conductivity of In2O3. Physical Chemistry Chemical Physics, 2013, 15, 17595.	1.3	29
71	An experimental and theoretical study of multi-electron excitations at the L3 absorption edge in some rare earth alloys and their hydrides. Chemical Physics Letters, 1990, 174, 389-395.	1.2	28
72	Experimental and theoretical XANES and EXAFS study of tetra-ferriphlogopite. European Journal of Mineralogy, 2001, 13, 1099-1108.	0.4	28

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73	Waviness effects in ray-tracing of â€œrealâ€•optical surfaces. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 319, 170-177.	0.7	27
74	Theoretical analysis of X-ray absorption near-edge structure in forsterite, Mg2SiO4-Pbnm, and fayalite, Fe2SiO4-Pbnm, at room temperature and extreme conditions. Physics and Chemistry of Minerals, 1996, 23, 193.	0.3	27
75	Effects of higher-coordination shells in garnets detected by x-ray-absorption spectroscopy at the AlKedge. Physical Review B, 1996, 54, 2976-2979.	1.1	27
76	On the possibility of a new multiband heterostructure at the atomic limit made of alternate CuO2and FeAs superconducting layers. Superconductor Science and Technology, 2010, 23, 052003.	1.8	27
77	Evidence of an interlayer charge transfer route in BiCu1â^'xSeO. Journal of Materials Chemistry A, 2013, 1, 12154.	5.2	27
78	Iron Isotope Effect and Local Lattice Dynamics in the (Ba, K)Fe2As2 Superconductor Studied by Temperature-Dependent EXAFS. Scientific Reports, 2013, 3, .	1.6	27
79	An evolutionary approach to the dynamical reconfiguration of photovoltaic fields. Neurocomputing, 2015, 170, 393-405.	3.5	27
80	Kinetics of polycondensation reactions during self-assembly of mesostructured films studied by in situ infrared spectroscopy. Chemical Communications, 2005, , 2384.	2.2	26
81	Rational design of hierarchical FeSe₂ encapsulated with bifunctional carbon cuboids as an advanced anode for sodium-ion batteries. Nanoscale, 2020, 12, 22210-22216.	2.8	26
82	SYMMETRY OF THE HOLE STATES IN BiCaSrCuO HIGH-Tc SUPERCONDUCTORS. Modern Physics Letters B, 1988, 02, 1313-1318.	1.0	24
83	Coherent and incoherent components of a synchrotron radiation spot produced by separate capillaries. Applied Optics, 2000, 39, 3338.	2.1	24
84	SR-FTIR spectroscopic preliminary findings of non-cancerous, cancerous, and hyperplastic human prostate tissues. Vibrational Spectroscopy, 2007, 43, 237-242.	1.2	24
85	Correlation between local structure and molar ratio of Au (III) complexes in aqueous solution: An XAS investigation. Chemical Geology, 2009, 268, 74-80.	1.4	24
86	Lattice site of manganese in LiNbO3 : An EXAFS study. Solid State Communications, 1989, 71, 243-246.	0.9	23
87	XANES study of structural disorder in amorphous silicon. Journal of Non-Crystalline Solids, 1990, 116, 27-32.	1.5	23
88	The local structure of Ca-Na pyroxenes. II. XANES studies at the Mg and Al K edges. Physics and Chemistry of Minerals, 1999, 27, 20-33.	0.3	23
89	The influence of interstitial solutions (H, N) on the cerium electronic state in Ce-Fe intermetallic compounds: an X-ray absorption spectroscopy (XAS) study. Journal of Physics Condensed Matter, 1995, 7, 8197-8210.	0.7	22
90	Modification of the rare-earth magnetic moment upon hydrogen absorption inRâ^'Feintermetallics probed by FeK-edge x-ray magnetic circular dichroism. Physical Review B, 1998, 57, 13386-13389.	1.1	22

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91	Ru K-edge absorption study on the La1-xCexRu2system. Journal of Physics Condensed Matter, 2000, 12, 6971-6978.	0.7	22
92	Correlative Analysis of the Crystallization of Solâ”Gel Dense and Mesoporous Anatase Titania Films. Journal of Physical Chemistry C, 2010, 114, 22385-22391.	1.5	22
93	Enhanced Photocatalytic Activity in Low-Temperature Processed Titania Mesoporous Films. Journal of Physical Chemistry C, 2014, 118, 12000-12009.	1.5	22
94	X-ray absorption spectroscopy characterization of iron-oxide nanoparticles synthesized by high temperature plasma processing. Journal of Electron Spectroscopy and Related Phenomena, 2014, 196, 125-129.	0.8	22
95	Phonon and vibrational spectra of hydrogenated CdTe. Journal of Applied Physics, 2006, 100, 013521.	1.1	21
96	RE L₃x-ray absorption study of REO_{1â”x}F_xFeAs (RE =) Tj ETQq0 0 0 rgBT /Overlock	0.7	21
97	Interplay among work function, electronic structure and stoichiometry in nanostructured VOx films. Physical Chemistry Chemical Physics, 2020, 22, 6282-6290.	1.3	21
98	Terahertz Spectroscopic Analysis in Protein Dynamics: Current Status. Radiation, 2022, 2, 100-123.	0.6	21
99	Local structural disorder in REFeAsO oxypnictides by RE L₃edge XANES. Journal of Physics Condensed Matter, 2010, 22, 125701.	0.7	20
100	Structural Evolution of MoO3 Thin Films Deposited on Copper Substrates upon Annealing: An X-ray Absorption Spectroscopy Study. Condensed Matter, 2019, 4, 41.	0.8	20
101	Effects of temperature and pressure on the optical and vibrational properties of thermoelectric SnSe. Physical Chemistry Chemical Physics, 2019, 21, 8663-8678.	1.3	20
102	Effect of hydrogen absorption on the cerium electronic state inCeFe11Ti: An x-ray-absorption and circular-magnetic-dichroism investigation. Physical Review B, 1995, 51, 9005-9014.	1.1	19
103	The effect of hydrogen absorption on the structural, electronic and magnetic properties of the C15 Friauf-Laves phase compounds CeFe2, CeRu2 and LaRu2: An X-ray absorption spectroscopy study. Journal of Magnetism and Magnetic Materials, 1997, 166, 149-164.	1.0	19
104	Local and average Fe distribution in trioctahedral micas: Analysis of Fe K-edge XANES spectra in the phlogopite-annite and phlogopite-tetra-ferriphlogopite joins on the basis of single-crystal XRD refinements. European Journal of Mineralogy, 2002, 14, 1075-1085.	0.4	19
105	A crystal-chemical investigation of Cr substitution in muscovite by XANES spectroscopy. Physics and Chemistry of Minerals, 2003, 30, 54-58.	0.3	19
106	Wave propagation of induced radiation in microcapillary holes of a glass microchannel plate. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2182.	0.9	19
107	Lattice Dynamics and Thermal Conductivity in Cu2Zn1â€“xCoxSnSe4. Inorganic Chemistry, 2018, 57, 6051-6056.	1.9	19
108	The Contribution of Synchrotron Light for the Characterization of Atmospheric Mineral Dust in Deep Ice Cores: Preliminary Results from the Talos Dome Ice Core (East Antarctica). Condensed Matter, 2018, 3, 25.	0.8	19

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109	Efficiency of COVID-19 mobile contact tracing containment by measuring time-dependent doubling time. Physical Biology, 2020, 17, 065006.	0.8	19
110	EXAFS and XANES joint analyses for semiconducting vanadium phosphate glasses. Journal of Non-Crystalline Solids, 1986, 80, 175-180.	1.5	18
111	Palladium L3 absorption edge of PdH0.6 films: Evidence for hydrogen induced unoccupied states. Solid State Communications, 1989, 71, 383-390.	0.9	18
112	Water Evaporation Studied by In Situ Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 2745-2749.	1.1	18
113	IR and X-ray time-resolved simultaneous experiments:Âan opportunity to investigate the dynamics of complex systems and non-equilibrium phenomena using third-generation synchrotron radiation sources. Journal of Synchrotron Radiation, 2012, 19, 892-904.	1.0	18
114	Nanoscale Phase Separation and Lattice Complexity in VO2: The Metalâ€“Insulator Transition Investigated by XANES via Auger Electron Yield at the Vanadium L23-Edge and Resonant Photoemission. Condensed Matter, 2017, 2, 38.	0.8	18
115	Insights into the Ti4+ doping in P2-type Na0.67Ni0.33Mn0.52Ti0.15O2 for enhanced performance of sodium-ion batteries. Journal of Materials Science and Technology, 2021, 74, 230-236.	5.6	18
116	The local structure of Ca-Na pyroxenes. I. XANES study at the Na K-edge. Physics and Chemistry of Minerals, 1997, 24, 500-509.	0.3	17
117	First combined total reflection X-ray fluorescence and grazing incidence X-ray absorption spectroscopy characterization of aeolian dust archived in Antarctica and Alpine deep ice cores. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 1503-1510.	1.5	17
118	Stain Effects Studied by Time-Resolved Infrared Imaging. Analytical Chemistry, 2009, 81, 551-556.	3.2	17
119	Excitation and propagation of X-ray fluorescence through thin devices with hollowed ordered structures:Âcomparison of experimental and theoreticalÂspectra. Journal of Synchrotron Radiation, 2016, 23, 274-280.	1.0	17
120	Xanes analysis on pyroxenes with different ca concentration in M2 site. Physics and Chemistry of Minerals, 1987, 14, 21-25.	0.3	16
121	The Î¦â€factory DAÎ¦NE as a source of infrared radiation: An estimate of source size and brilliance. Review of Scientific Instruments, 1995, 66, 1934-1936.	0.6	16
122	CRYSTAL-CHEMICAL STUDY BY XANES OF TRIOCTAHEDRAL MICAS: THE MOST CHARACTERISTIC LAYER SILICATES. International Journal of Modern Physics B, 2002, 16, 1673-1679.	1.0	16
123	X-Ray Absorption Spectroscopy of the Micas. Reviews in Mineralogy and Geochemistry, 2002, 46, 371-411.	2.2	16
124	Optical, infrared and electron-microscopy studies of metallic clusters in layered crystals. Radiation Measurements, 2007, 42, 851-854.	0.7	16
125	Temperature Dependence Discontinuity of the Phonon Mode Frequencies Caused by a Zero-Gap State in HgCdTe Alloys. Physical Review Letters, 2009, 102, 045504.	2.9	16
126	X-ray spectroscopy of fluorescence radiation channeling in Î¼-capillary holed glass plates. Nuclear Instruments & Methods in Physics Research B, 2013, 309, 240-243.	0.6	16

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127	Deprotonation of Fe-dominant amphiboles: Single-crystal HT-FTIR spectroscopic studies of synthetic potassic-ferro-richterite. American Mineralogist, 2017, 102, 117-125.	0.9	16
128	Time Resolved IR and X-Ray Simultaneous Spectroscopy: New Opportunities for the Analysis of Fast Chemical-Physical Phenomena in Materials Science. Acta Physica Polonica A, 2009, 115, 489-500.	0.2	16
129	Characterization of volatile organic compounds (VOCs) in their liquid-phase by terahertz time-domain spectroscopy. Biomedical Optics Express, 2020, 11, 1.	1.5	16
130	In-situ study of solâ€“gel processing by time-resolved infrared spectroscopy. Journal of Sol-Gel Science and Technology, 2008, 48, 253-259.	1.1	15
131	Far-infrared reflectivity as a probe of point defects in Zn- and Cd-doped HgTe. Applied Physics Letters, 2008, 92, 121904.	1.5	15
132	Arsenic K-edge XANES study of REFeAsO oxypnictides. Europhysics Letters, 2010, 90, 57001.	0.7	15
133	Functional histology of glioma vasculature by FTIR imaging. Analytical and Bioanalytical Chemistry, 2011, 401, 795-801.	1.9	15
134	Quantitative local structure determination in mica crystals:ab initiosimulations of polarization XANES at the potassiumK-edge. Journal of Synchrotron Radiation, 2011, 18, 418-426.	1.0	15
135	XRF-XANES characterization of deep ice core insoluble dust. Journal of Analytical Atomic Spectrometry, 2012, 27, 33-37.	1.6	15
136	Metastability Phenomena in VO2 Thin Films. Condensed Matter, 2017, 2, 10.	0.8	15
137	The complexity of thermoelectric materials: why we need powerful and brilliant synchrotron radiation sources?. Materials Today Physics, 2018, 6, 68-82.	2.9	15
138	MoO3 films grown on polycrystalline Cu: Morphological, structural, and electronic properties. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	0.9	15
139	On the Amplitudes of EXAFS Spectra at the L Edges. Japanese Journal of Applied Physics, 1993, 32, 107.	0.8	15
140	Cu L3 x-ray absorption of formally trivalent Cu compounds. Physica C: Superconductivity and Its Applications, 1988, 153-155, 117-118.	0.6	14
141	Analysis of phonon spectra of the Zn Cd1â^' Te solid-solution. Journal of Alloys and Compounds, 2004, 371, 172-176.	2.8	14
142	Vibrational spectra of hydrogenated CdTe. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1147-1154.	0.8	14
143	The octahedral sheet of metamorphic 2M1-phengites: A combined EMPA and AXANES study. American Mineralogist, 2008, 93, 414-425.	0.9	14
144	The a.c. susceptibility third harmonic component of NdO1â^'0.14F0.14FeAs: A flux dynamic magnetic analysis. Journal of Physics and Chemistry of Solids, 2010, 71, 1046-1052.	1.9	14

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145	Spectroscopic study and electronic structure of prototypical iron porphyrins and their Î¼-oxo-dimer derivatives with different functional configurations. RSC Advances, 2014, 4, 46399-46406.	1.7	14
146	Regionalization of the Atmospheric Dust Cycle on the Periphery of the East Antarctic Ice Sheet Since the Last Glacial Maximum. Geochemistry, Geophysics, Geosystems, 2018, 19, 3540-3554.	1.0	14
147	PROBING HIGHER ORDER CORRELATION FUNCTIONS IN LIQUIDS BY XANES (X-RAY ABSORPTION NEAR EDGE) Tj ETQq1 1 0.784314 rgB	0.2	14
148	Weight of 3d9 ligand hole configuration as function of oxygen content in YBa2Cu3O6.5+x by joint L3 XAS and XPS. Physica C: Superconductivity and Its Applications, 1988, 153-155, 115-116.	0.6	13
149	Angular dependence of potassium K-edge XANES spectra of trioctahedral micas: Significance for the determination of the local structure and electronic behavior of the interlayer site. American Mineralogist, 2006, 91, 1150-1162.	0.9	13
150	Polarized XANES spectroscopy: The K edge of layered K-rich silicates. Radiation Physics and Chemistry, 2006, 75, 1596-1607.	1.4	13
151	X-ray radiation channeling in micro-channel plates: Spectroscopy with a synchrotron radiation beam. Nuclear Instruments & Methods in Physics Research B, 2015, 355, 293-296.	0.6	13
152	Iron oxidation dynamics vs. temperature of synthetic potassic-ferro-richterite: a XANES investigation. Physical Chemistry Chemical Physics, 2018, 20, 21764-21771.	1.3	13
153	Ostwald Growth Rate in Controlled Covid-19 Epidemic Spreading as in Arrested Growth in Quantum Complex Matter. Condensed Matter, 2020, 5, 23.	0.8	13
154	EXAFS and XANES investigation of the structural and electronic changes induced by hydrogen absorption in CeRu2 and CeFe2. Physica B: Condensed Matter, 1989, 158, 521-522.	1.3	12
155	Valence Change and Structural Local Disorder Induced by Hydrogen Absorption in CeRu2 and CeFe2 Studied by EXAFS and XANES Spectroscopy*. Zeitschrift Fur Physikalische Chemie, 1989, 163, 277-282.	1.4	12
156	Al coordination and local structure in minerals: XAFS determinations and multiple-scattering calculations for K-feldspars. Europhysics Letters, 1997, 38, 465-470.	0.7	12
157	IKNO, a user facility for coherent terahertz and UV synchrotron radiation. Journal of Synchrotron Radiation, 2008, 15, 655-659.	1.0	12
158	Optical detection of symmetric and antisymmetric states in double quantum wells at room temperature. Physical Review B, 2009, 80, .	1.1	12
159	Application of Terahertz Spectroscopy to Time-Dependent Chemical-Physical Phenomena. Journal of Physical Chemistry A, 2009, 113, 9418-9423.	1.1	12
160	Characterization of thick conducting molybdenum films: Enhanced conductivity via thermal annealing. Surface and Coatings Technology, 2015, 261, 391-397.	2.2	12
161	Ball-in-ball hierarchical design of P2-type layered oxide as high performance Na-ion battery cathodes. Electrochimica Acta, 2018, 265, 284-291.	2.6	12
162	The Potential of EuPRAXIA@SPARC_LAB for Radiation Based Techniques. Condensed Matter, 2019, 4, 30.	0.8	12

#	Article	IF	Citations
163	Intermediate valence state of Ce in Ce2Fe14BH. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1213-1214.	1.0	11
164	Oxygen 1sELNES study of perovskites (Ca,Sr,Ba)TiO3. Journal of Synchrotron Radiation, 2001, 8, 934-936.	1.0	11
165	X-ray absorption near-edge structure at the Mg and FeKedges in olivine minerals. Physical Review B, 2004, 69, .	1.1	11
166	First interpretation of phonon spectra of quaternary solid solutions using fine structure far-IR reflectivity by synchrotron radiation. Infrared Physics and Technology, 2006, 49, 13-18.	1.3	11
167	Characterization of solid supported lipoplexes by FTIR microspectroscopy. Infrared Physics and Technology, 2007, 50, 14-20.	1.3	11
168	Interlayer potassium and its neighboring atoms in micas: Crystal-chemical modeling and XANES spectroscopy. American Mineralogist, 2008, 93, 821-830.	0.9	11
169	Nanoscale heterogeneity in thermoelectrics: the occurrence of phase separation in Fe-doped Ca₃Co₄O₉. Physical Chemistry Chemical Physics, 2016, 18, 14580-14587.	1.3	11
170	Ultimate Photo-Thermo-Acoustic Efficiency of Graphene Aerogels. Scientific Reports, 2019, 9, 13386.	1.6	11
171	Strain Induced Orbital Dynamics Across the Metal Insulator Transition in Thin VO2/TiO2 (001) Films. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2383-2388.	0.8	11
172	Potassium-Doped Para-Terphenyl: Structure, Electrical Transport Properties and Possible Signatures of a Superconducting Transition. Condensed Matter, 2020, 5, 78.	0.8	11
173	L1 absorption edge of high correlated rare earth materials. Physica B: Condensed Matter, 1989, 158, 529-532.	1.3	10
174	Dispersive EXAFS apparatus at Frascati. Review of Scientific Instruments, 1992, 63, 899-901.	0.6	10
175	New method for comparison of EXAFS spectra at the L edges: Application to the theoretical and experimental L1 and L2,3 edges of barium in BaF2. Solid State Communications, 1992, 82, 939-944.	0.9	10
176	Correlation between mixed valence behaviour of cerium and the magnetic and superconducting phenomena of CeFe2 and CeRu2. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 661-662.	1.0	10
177	Next-near-neighbour interactions with Al in Li+- and Rb+-exchanged Na+Î²-aluminas, detected by synchrotron X-ray absorption spectroscopy. Journal of Applied Crystallography, 2000, 33, 234-242.	1.9	10
178	Additional and canonical phonon modes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
181	Polycapillary based Î¼XRF station for 3D colour tomography. Journal of Instrumentation, 2018, 13, C04024-C04024.	0.5	10
182	Anisotropic Thermal Expansion of p-Terphenyl: a Self-Assembled Supramolecular Array of Poly-p-phenyl Nanoribbons. Journal of Superconductivity and Novel Magnetism, 2018, 31, 703-710.	0.8	10
183	Microdrop Deposition Technique: Preparation and Characterization of Diluted Suspended Particulate Samples. Condensed Matter, 2018, 3, 21.	0.8	10
184	Proximity Array Device: A Novel Photon Detector Working in Long Wavelengths. Condensed Matter, 2020, 5, 33.	0.8	10
185	Real-time quantitative detection of styrene in atmosphere in presence of other volatile-organic compounds using a portable device. Talanta, 2021, 233, 122510.	2.9	10
186	Disordered photonics behavior from terahertz to ultraviolet of a three-dimensional graphene network. NPG Asia Materials, 2021, 13, .	3.8	10
187	Local electronic structures at selected sites of intermetallic perovskites Mn3MeX (Me=divalent metal,) Tj ETQq1 1 0.784314 rgBT /Over Chemical Physics, Biophysics, 1986, 7, 493-505.	0.4	9
188	High energy spectroscopy in Ce and La compounds. Journal of Magnetism and Magnetic Materials, 1987, 70, 28-32.	1.0	9
189	Comment on â€˜Steric variation of the cerium valence in Ce2Fe14B and related compoundsâ€™ [Appl. Phys. Lett.63, 3642 (1993)]. Applied Physics Letters, 1994, 65, 3149-3150.	1.5	9
190	Electronic instability in YMn2 driven by Ni substitution: An x-ray absorption investigation. Solid State Communications, 1994, 91, 859-864.	0.9	9
191	Investigation of Kondo impurity â€” Kondo lattice transition in CexLa1â^'xRu2. Physica B: Condensed Matter, 1998, 244, 154-158.	1.3	9
192	Local atomic and electronic structure of Al90FexCe10-xalloys: XAFS analysis. Journal of Synchrotron Radiation, 2001, 8, 809-811.	1.0	9
193	On propagation of X-rays in capillary channels. Nuclear Instruments & Methods in Physics Research B, 2002, 187, 169-177.	0.6	9
194	A dynamic approach to learning vector quantization. , 2004, , .		9
195	Correlation between local vibrations and metal mass in AlB2-type transition-metal diborides. Journal of Synchrotron Radiation, 2009, 16, 30-37.	1.0	9
196	Flux Dynamics in Iron-Based Superconductors. IEEE Transactions on Applied Superconductivity, 2013, 23, 7300505-7300505.	1.1	9
197	Electronic structure and hybridization of CaS byÂmeans of X-ray absorption spectroscopy at CaÂand SÂK-edges. Journal of Synchrotron Radiation, 2013, 20, 110-115.	1.0	9
198	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 740, 138-146.	0.7	9

#	Article	IF	Citations
199	Vortex Dynamics and Irreversibility Line in FeSe0.25Te0.75. Physics Procedia, 2015, 67, 890-895.	1.2	9
200	Synthesis and magnetic properties of samarium hydroxide nanocrystals. New Journal of Chemistry, 2015, 39, 4972-4976.	1.4	9
201	X-band accelerator structures: On going R&D at the INFN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 206-212.	0.7	9
202	Transmission diffractive patterns of large microchannel plates at soft X-ray energies. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 282-286.	0.6	9
203	Mineralogy and textures of riebeckitic asbestos (crocidolite): The role of single versus agglomerated fibres in toxicological experiments. Journal of Hazardous Materials, 2017, 340, 472-485.	6.5	9
204	Strain mediated Filling Control nature of the Metal-Insulator Transition of VO2 and electron correlation effects in nanostructured films. Applied Surface Science, 2021, 540, 148341.	3.1	9
205	Metastable states in plateaus and multi-wave epidemic dynamics of Covid-19 spreading in Italy. Scientific Reports, 2021, 11, 12412.	1.6	9
206	LOCAL STRUCTURE IN SiO2 GLASSES BY OXYGEN K EDGE XANES. Journal De Physique Colloque, 1985, 46, C8-107-C8-112.	0.2	8
207	Magnetic x-ray investigation at the L2,3 edges of Nd in Nd2Fe14B. Journal of Applied Physics, 1998, 83, 7091-7093.	1.1	8
208	Investigation of the mica x-ray absorption near-edge structure spectral features at the Al K-edge. Journal of Physics Condensed Matter, 2003, 15, 7139-7148.	0.7	8
209	Local structure and superconductivity of theCe1â^'xLaxRu2Laves phase system. Physical Review B, 2004, 70, .	1.1	8
210	Fast infrared detectors for beam diagnostics with synchrotron radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 190-193.	0.7	8
211	Xâ€Ray microâ€Computed Tomography and micro Xâ€ray Fluorescence mapping of synthetic emerald by using a laboratory polycapillary optics Xâ€ray tube layout. X-Ray Spectrometry, 2015, 44, 201-203.	0.9	8
212	High power tests of an electroforming cavity operating at 11.424 GHz. Journal of Instrumentation, 2016, 11, P03010-P03010.	0.5	8
213	Enhanced thermoelectric performance through grain boundary engineering in quaternary chalcogenide Cu2ZnSnSe4. AIP Advances, 2018, 8, 045218.	0.6	8
214	Local Noncentrosymmetric Structure of Bi2Sr2CaCu2O8+y by X-ray Magnetic Circular Dichroism at Cu K-Edge XANES. Journal of Superconductivity and Novel Magnetism, 2018, 31, 663-670.	0.8	8
215	Accurate Fe3+/Fe ratio from XAS spectra at the Fe K-edge. Radiation Physics and Chemistry, 2020, 175, 108088.	1.4	8
216	Phenyl-modified hybrid organic-inorganic microporous films as high efficient platforms for styrene sensing. Microporous and Mesoporous Materials, 2020, 294, 109877.	2.2	8

#	Article	IF	Citations
217	Atomistic insight into lithospheric conductivity revealed by phononâ€“electron excitations in hydrous iron-bearing silicates. Communications Materials, 2021, 2, .	2.9	8
218	Surface X-Ray Absorption Near-Edge Structure: XANES. , 1992, , 63-115.		8
219	Multielectron Excitations at the L Absorption Edge of Rare Earths. Japanese Journal of Applied Physics, 1993, 32, 61.	0.8	8
220	Localization mixing and / or hybridization in intermetallic compounds RPd3 (R = La, Ce, Pr, Nd, Sm) by xanes. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 206-208.	1.0	7
221	Detection of order-disorder in pyroxenes of the jadeite-diopside series via XAS at the Caî—¸Na and Mgî—¸Al K-Edges. Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 79-82.	0.8	7
222	Characterization of Local Chemistry and Disorder in Synthetic and Natural Î±-Al2O3Materials by X-ray Absorption Near-Edge Structure Spectroscopy. Journal of Applied Crystallography, 1998, 31, 890-898.	1.9	7
223	The DAÎ¦NE-Light Facility. AIP Conference Proceedings, 2004, , .	0.3	7
224	Genetic Programming for Generating Prototypes in Classification Problems. , 0, , .		7
225	Model considerations on hydrogen distribution in hydrogenated CdTe. Journal of Alloys and Compounds, 2006, 426, 12-21.	2.8	7
226	Modification of Hg complexes in layered silicates with temperature: An in situ XAS study. Microporous and Mesoporous Materials, 2008, 107, 128-133.	2.2	7
227	Phase retrieval from a single near-field diffraction pattern with a large Fresnel number. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 2651.	0.8	7
228	Dynamical behavior in C₈₂ metal endohedral fullerenes: 2D correlation analysis of x-ray and infrared data. Journal of Nanophotonics, 2009, 3, 031975.	0.4	7
229	The interlayer structure of trioctahedral lithian micas: An AXANES spectroscopy study at the potassium K-edge. American Mineralogist, 2010, 95, 1084-1094.	0.9	7
230	Effect of temperature on Hg-cysteine complexes in vermiculite and montmorillonite. Applied Clay Science, 2010, 50, 12-18.	2.6	7
231	Ion distribution preferences in ternary crystals ZnxCd1â^'xTe, Zn1â^'xHgxTe and Cd1â^'xHgxTe. European Physical Journal B, 2011, 84, 183-195.	0.6	7
232	Development of X-band accelerating structures for high gradients. Chinese Physics C, 2012, 36, 639-647.	1.5	7
233	Molybdenum sputtering film characterization for high gradient accelerating structures. Chinese Physics C, 2013, 37, 097005.	1.5	7
234	Defective iron-oxide nanoparticles synthesised by high temperature plasma processing: a magnetic characterisation versus temperature. Nanotechnology, 2016, 27, 445701.	1.3	7

#	Article	IF	Citations
235	Design and characterization of a mapping device optimized to collect XRD patterns from highly inhomogeneous and low density powder samples. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 22-28.	0.6	7
236	Structural anisotropy in three dimensional macroporous graphene: A polarized XANES investigation. Diamond and Related Materials, 2021, 111, 108171.	1.8	7
237	Stoichiometry and disorder influence over electronic structure in nanostructured VOx films. Journal of Nanoparticle Research, 2021, 23, 1.	0.8	7
238	Terahertz as a Frontier Area for Science and Technology. Condensed Matter, 2021, 6, 23.	0.8	7
239	The Historical Development of X-ray Absorption Fine Spectroscopy and of Its Applications to Materials Science. History of Mechanism and Machine Science, 2015, , 275-301.	0.2	7
240	Tunable Vortex Dynamics in Proximity Junction Arrays: A Possible Accurate and Sensitive 2D THz Detector. Acta Physica Polonica A, 2020, 137, 17-20.	0.2	7
241	XANES (x ray absorption near edge structure): A new probe of higher order correlation function in amorphous semiconductors. Journal of Non-Crystalline Solids, 1985, 77-78, 1325-1328.	1.5	6
242	X-Ray Circular Magnetic Dichroism (XCMD) as a Probe of the Dynamics of the Spin Reorientation Transitions in Nd ₂ Fe ₁₄ B and Er ₂ Fe ₁₄ B Systems. Europhysics Letters, 1994, 28, 135-141.	0.7	6
243	An infrared synchrotron radiation beamline on DAÎ¦NE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 347, 308-312.	0.7	6
244	Influence of the internal structure of a capillary channel on the propagation of soft x radiation. , 2000, 4138, 79.		6
245	Enhancement of optical luminescence of solids using a capillary lens. Synchrotron Radiation News, 2000, 13, 20-23.	0.2	6
246	Symmetry role on the pre-edge X-ray absorption fine structure at the metalKedge. Journal of Synchrotron Radiation, 2001, 8, 215-217.	1.0	6
247	Statistical model of sphalerite structured quaternary A1â^'xBxYyZ1â^'y systems. Journal of Alloys and Compounds, 2006, 426, 31-42.	2.8	6
248	Statistical model analysis of local structure of quaternary sphalerite crystals. Low Temperature Physics, 2007, 33, 214-225.	0.2	6
249	Diamond detectors for synchrotron radiation X-ray applications. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 558-561.	1.5	6
250	Local structure analysis of Ga[sub 1â^'x]Al[sub x]N epitaxial layer. Journal of Applied Physics, 2008, 104, 073508.	1.1	6
251	Local lattice dynamics and isotope effect in yttrium diboride probed by extended x-ray absorption fine structure spectroscopy. New Journal of Physics, 2009, 11, 083005.	1.2	6
252	Flux Dynamics in NdO1â^'x F x FeAs Bulk Sample. Journal of Superconductivity and Novel Magnetism, 2009, 22, 549-552.	0.8	6

#	Article	IF	Citations
253	Identification of 13- and 14-Coordinated Structures of First Hydrated Shell of [AuCl₄]^{â^'} Acid Aqueous Solution by Combination of MD and XANES. Journal of Physical Chemistry B, 2012, 116, 7866-7873.	1.2	6
254	A cryogenic magneto-optical device for long wavelength radiation. Review of Scientific Instruments, 2020, 91, 075103.	0.6	6
255	Atomic distributions observed in group IV-IV binary tetrahedron alloys: A revised analysis of SiGe and GeSn compounds. Journal of Alloys and Compounds, 2020, 831, 154743.	2.8	6
256	Optical design of GILDA, the Italian bending magnet beam line at ESRF. Review of Scientific Instruments, 1992, 63, 927-930.	0.6	5
257	SINBAD: the new powerful infrared source from the DAÎ¦NE storage ring. Proceedings of SPIE, 1997, 3153, 21.	0.8	5
258	A new high-brightness stepped-crystal diffractor for X-ray microanalysis. Technical Physics Letters, 2001, 27, 11-13.	0.2	5
259	CHARACTERIZATION OF 3D TRANSITION-METAL DIBORIDES BY X-RAY-ABSORPTION SPECTRA AT THE METAL K EDGE. International Journal of Modern Physics B, 2005, 19, 2386-2391.	1.0	5
260	Synchrotron radiation FTIR micro-spectroscopy of natural layer-silicates in the Oâ€“H stretching region. Infrared Physics and Technology, 2006, 49, 64-68.	1.3	5
261	Synchrotron radiation FT-IR micro-spectroscopy of fluorophlogopite in the Oâ€“H stretching region. Vibrational Spectroscopy, 2006, 42, 59-62.	1.2	5
262	Micro and bulk analysis of prostate tissues classified as hyperplasia. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 707-710.	1.5	5
263	PRESS-MAG-O: A new facility to probe materials and phenomena under extreme conditions. Journal of Physics and Chemistry of Solids, 2008, 69, 2213-2216.	1.9	5
264	Lattice vibrational property in the transition-metal diboride ZrB2. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 466-470.	2.0	5
265	New opportunity to investigate physico-chemical phenomena: time-resolved X-ray and IR concurrent analysis. Rendiconti Lincei, 2011, 22, 59-79.	1.0	5
266	Quantum critical point in SmO1â^'xFxFeAs and oxygen vacancy induced by high fluorine dopant. Journal of Synchrotron Radiation, 2011, 18, 723-727.	1.0	5
267	Charge redistribution and local lattice structure of (F, Zn)-codoped LaFeAsO superconductor. New Journal of Physics, 2012, 14, 033005.	1.2	5
268	Magnetic behavior of trioctahedral micas with different octahedral Fe ordering. Physics and Chemistry of Minerals, 2012, 39, 665-674.	0.3	5
269	Fifty years since the first European synchrotron-radiation-derived XAFS spectrum (Frascati, 1963). Journal of Synchrotron Radiation, 2013, 20, 811-815.	1.0	5
270	Local hydrated structure of an Fe ²⁺ /Fe ³⁺ aqueous solution: an investigation using a combination of molecular dynamics and X-ray absorption fine structure methods. Chinese Physics C, 2013, 37, 038003.	1.5	5

#	Article	IF	Citations
271	The large research infrastructures of the People's Republic of China: An investment for science and technology. Physica Status Solidi (B): Basic Research, 2014, 251, 1158-1168.	0.7	5
272	A two rotor model with spin for magnetic nanoparticles. Physical Chemistry Chemical Physics, 2014, 16, 24055-24062.	1.3	5
273	Structural phase transitions in ionic conductor Bi₂O₃by temperature dependent XPD and XAS. Journal of Physics: Conference Series, 2016, 712, 012132.	0.3	5
274	Local structure of cobalt nanoparticles synthesized by high heat flux plasma process. Radiation Physics and Chemistry, 2017, 137, 108-115.	1.4	5
275	Materials and Breakdown Phenomena: Heterogeneous Molybdenum Metallic Films. Condensed Matter, 2017, 2, 18.	0.8	5
276	A new XUV optical end-station to characterize compact and flexible photonic devices using synchrotron radiation. Journal of Instrumentation, 2018, 13, C03035-C03035.	0.5	5
277	Challenging X-ray Fluorescence Applications for Environmental Studies at XLab Frascati. Condensed Matter, 2018, 3, 33.	0.8	5
278	Coherent Excitation of X-Ray Fluorescence and Interference of Radiation at the Output of Polycapillary Structures. JETP Letters, 2018, 107, 600-605.	0.4	5
279	Micro-climatic investigation and particulate detection in indoor environments: the case of the historical museum of Bersaglieri in Rome. Rendiconti Lincei, 2020, 31, 807-817.	1.0	5
280	Spatially Resolved Spectral Imaging by A THz-FEL. Condensed Matter, 2020, 5, 38.	0.8	5
281	Cu 3d9- LIGAND HOLE CONFIGURATION IN YBa2Cu3O~7BY X-RAY SPECTROSCOPIES. Journal De Physique Colloque, 1987, 48, C9-1179-C9-1184.	0.2	5
282	<title>Infrared beamline SINBAD at DAFNE: expected performance at the sample site</title>. , 1999, , .		5
283	Application of Î¼-FTIR-SR Spectroscopy to Prostate Tissue Analysis. Acta Physica Polonica A, 2009, 115, 602-605.	0.2	5
284	Phase Separations in Highly Correlated Materials. Acta Physica Polonica A, 2016, 129, 264-269.	0.2	5
285	Deep ice as a geochemical reactor: insights from iron speciation and mineralogy of dust in the Talos Dome ice core (East Antarctica). Cryosphere, 2021, 15, 4807-4822.	1.5	5
286	ARIAâ€"A VUV Beamline for EuPRAXIA@SPARC_LAB. Condensed Matter, 2022, 7, 11.	0.8	5
287	Plasma-Generated X-ray Pulses: Betatron Radiation Opportunities at EuPRAXIA@SPARC_LAB. Condensed Matter, 2022, 7, 23.	0.8	5
288	XAS Investigation of the Structural and Electronic Changes Induced by Hydrogen Absorption in CeFe11Ti. Japanese Journal of Applied Physics, 1993, 32, 758.	0.8	4

#	Article	IF	Citations
289	X-ray circular magnetic dichroism as a probe of spin reorientation transitions in Nd2Fe14B and Er2Fe14B systems. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1051-1052.	1.0	4
290	The beamline SINBAD at DAÎ¦NE. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 463-481.	0.4	4
291	8. X-Ray Absorption Spectroscopy of the Micas. , 2002, , 371-412.		4
292	Octahedral low spin symmetric configurations vs. high spin octahedral distorted configurations: the case of Fe in natural layered silicates. Journal of Physics and Chemistry of Solids, 2004, 65, 1491-1500.	1.9	4
293	Influence of diamagnetic impurity on mid-IR absorption in antiferromagnetic insulator NiO. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 704-707.	0.8	4
294	High resolution spectra of defects in CdTe obtained in far-infrared region using synchrotron radiation. Infrared Physics and Technology, 2006, 49, 23-28.	1.3	4
295	Quantitative investigation of two metallohydrolases by X-ray absorption spectroscopy near-edge spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 451-456.	0.7	4
296	Magnetic ordering in Co c Mg1â^'c O solid solutions. Physics of the Solid State, 2008, 50, 1723-1726.	0.2	4
297	Additional phonon modes related to intrinsic defects in CdHgTe. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2012-2015.	0.8	4
298	Time-resolved techniques for infrared and terahertz characterization with synchrotron radiation of evaporating systems. Rendiconti Lincei, 2011, 22, 81-91.	1.0	4
299	Strikingly dissimilar effect of Mn and Zn dopants imposed on local structural distortion of Ba0.5K0.5Fe2As2superconductor. Journal of Synchrotron Radiation, 2013, 20, 455-459.	1.0	4
300	11. SR-FTIR Microscopy and FTIR Imaging in the Earth Sciences. , 2014, , 447-480.		4
301	Bunch-by-bunch profile diagnostics in storage rings by infrared array detection. Measurement Science and Technology, 2015, 26, 094003.	1.4	4
302	Physical vapor deposition synthesis of amorphous silicate layers and nanostructures as cosmic dust analogs. Astronomy and Astrophysics, 2016, 589, A4.	2.1	4
303	From the Pion Cloud of Tomonaga to the Electron Pairs of Schrieffer: Many Body Wave Functions from Nuclear Physics to Condensed Matter Physics. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3107-3111.	0.8	4
304	The diffusion kinetics of CO2 in cordierite: an HT-FTIR microspectroscopy study. Contributions To Mineralogy and Petrology, 2016, 171, 1.	1.2	4
305	Local crystalline structure of multinary semiconducting alloys: Random vs. ordered distributions. Opto-electronics Review, 2017, 25, 242-250.	2.4	4
306	Perspectives of XRF and XANES Applications in Cryospheric Sciences Using Chinese SR Facilities. Condensed Matter, 2018, 3, 29.	0.8	4

#	Article	IF	Citations
307	Focusing Properties of Bent Micro-Channel Plates in the X-Ray Range. Journal of Surface Investigation, 2019, 13, 1005-1013.	0.1	4
308	Angular Dependence of Copper Surface Damage Induced by an Intense Coherent THz Radiation Beam. Condensed Matter, 2020, 5, 16.	0.8	4
309	ON THE BASIC STRUCTURAL UNIT OF AMORPHOUS V₂O₅ FROM XANES AND EXAFS. Journal De Physique Colloque, 1985, 46, C8-255-C8-259.	0.2	4
310	The L Absorption Edge of Rare Earth Silica Gels. Japanese Journal of Applied Physics, 1993, 32, 797.	0.8	4
311	Synchrotron radiation transmission by two coupled flat microchannel plates: new opportunities to control the focal spot characteristics. Journal of Synchrotron Radiation, 2022, 29, 355-362.	1.0	4
312	SINBAD: A synchrotron infrared beamline at DAFNE. Review of Scientific Instruments, 1996, 67, 3374-3374.	0.6	3
313	SINBAD, a brilliant IR source from the DAÎ¦NE storage ring. Journal of Synchrotron Radiation, 1998, 5, 575-577.	1.0	3
314	Recovery of the magnetic ordering inY1â^'xCexMn2induced by hydrogen absorption. Physical Review B, 1998, 58, 77-80.	1.1	3
315	Nearest surroundings of aluminum atoms and features of the electron structure of Al90FexCe10â^'x alloys (x=3, 5, 7). Physics of the Solid State, 2001, 43, 1599-1602.	0.2	3
316	Unified interpretation of pre-edge x-ray absorption fine structures in 3d transition metal compounds. AIP Conference Proceedings, 2003, , .	0.3	3
317	A polarized XANES investigation of Mg-rich trioctahedral micas. AIP Conference Proceedings, 2003, , .	0.3	3
318	A Study of the PreEdge XRay Absorption Fine Structures in Ni Monoxide. Physica Scripta, 2005, , 223.	1.2	3
319	Aluminium Kedge XANES Study of Mica Preiswerkite. Physica Scripta, 2005, , 172.	1.2	3
320	ALN nanoparticles XANES analysis: Local atomic and electronic structure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 85-87.	0.7	3
321	Preliminary synchrotron radiation characterization of first multilayer mirrors for the soft X-ray water window. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 586-592.	1.5	3
322	Analysis of the phonon line profile of hydrogenated CdTe. Journal of Physics Condensed Matter, 2008, 20, 325217.	0.7	3
323	Synchrotron radiation - a brilliant source for solid-state research in the infrared energy domain. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1999-2007.	0.8	3
324	Statistical model structure of A1â^'xZxB2 Laves phase C15 systemâ€"the superconducting alloy Ce1â^'xLaxRu2. Low Temperature Physics, 2009, 35, 89-93.	0.2	3

#	Article	IF	Citations
325	Influence of the Extra Layer on the Transport Properties of NdFeAsO1â^'0.14F0.14 and FeSe0.88 Superconductors from Magneto Dynamic Analysis. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1289-1292.	0.8	3
326	The stochastic model for ternary and quaternary alloys: Application of the Bernoulli relation to the phonon spectra of mixed crystals. Journal of Applied Physics, 2014, 115, 114903.	1.1	3
327	Morphological and electrical characterization of FIB implanted diamond surfaces. Microelectronic Engineering, 2015, 141, 27-31.	1.1	3
328	The flux dynamics behavior of the two competing high temperature superconducting phases in underdoped LaCuO_{4.06}. Physical Chemistry Chemical Physics, 2016, 18, 12534-12540.	1.3	3
329	Design study of a photon beamline for a soft X-ray FEL driven by high gradient acceleration at EuPRAXIA@SPARC_LAB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 294-297.	0.7	3
330	XANES Iron Geochemistry in the Mineral Dust of the Talos Dome Ice Core (Antarctica) and the Southern Hemisphere Potential Source Areas. Condensed Matter, 2018, 3, 45.	0.8	3
331	Molybdenum Oxides Coatings for High Demanding Accelerator Components. Instruments, 2019, 3, 61.	0.8	3
332	Detection of Spin Polarized Band in VO2/TiO2(001) Strained Films via Orbital Selective Constant Initial State Spectroscopy. Condensed Matter, 2020, 5, 72.	0.8	3
333	Engineering Porous Silicon Nanowires with Tuneable Electronic Properties. Condensed Matter, 2020, 5, 57.	0.8	3
334	Wave propagation and focusing of soft X-rays by spherical bent microchannel plates. Journal of Synchrotron Radiation, 2021, 28, 383-391.	1.0	3
335	Epidemic spreading in an expanded parameter space: the supercritical scaling laws and subcritical metastable phases. Physical Biology, 2021, 18, 045005.	0.8	3
336	Looking for Prototypes by Genetic Programming. Lecture Notes in Computer Science, 2006, , 152-159.	1.0	3
337	Comparison of EXAFS Spectra at the L Edges. Japanese Journal of Applied Physics, 1993, 32, 110.	0.8	3
338	Multiple emerging nano-phases are at the origin of the low lattice thermal conductivity of SnSe?. Materials Today Physics, 2022, 24, 100656.	2.9	3
339	Orientational disorder in amorphous silicon probed by XANES (X-ray Absorption near Edge Structure). Physica Scripta, 1988, 38, 408-411.	1.2	2
340	Correlation between magnetism and local order: The case of the mixed valent system CeFe2. Physica B: Condensed Matter, 1991, 171, 185-189.	1.3	2
341	Next-nearest-neighbour effects at the Al K-edge of garnets. Physics and Chemistry of Minerals, 1996, 23, 227.	0.3	2
342	Multistepped x-ray crystal diffractor based on a pseudospherical geometry. , 1998, 3448, 210.		2

#	Article	IF	Citations
343	A multiresolution approach to on-line handwriting segmentation and feature extraction. , 2004, , .		2
344	Far-infrared synchrotron radiation spectroscopy of solids in normal and extreme conditions. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 236-239.	0.8	2
345	Anisotropy of the oriented mono-crystalline ZnCdTe phonon spectra obtained by synchrotron radiation. Infrared Physics and Technology, 2006, 49, 19-22.	1.3	2
346	An Evolutionary Approach for Dynamic Configuration of Multi-expert Classification Systems. , 0, , .		2
347	Structural disorder and electronic hybridization in Ni_cMg_{1â^'c}O solid solutions probed by XANES at the oxygen K edge. Journal of Physics Condensed Matter, 2007, 19, 356219.	0.7	2
348	Status of PRESS-MAG-O: The experimental apparatus to probe materials and phenomena under extreme conditions at Frascati. Journal of Physics and Chemistry of Solids, 2010, 71, 1042-1045.	1.9	2
349	CopperL-edge spectra: multiplet vs. multiple scattering theory. Journal of Physics: Conference Series, 2013, 430, 012010.	0.3	2
350	Structural and morphological characterization of Mo coatings for high gradient accelerating structures. Journal of Physics: Conference Series, 2013, 430, 012091.	0.3	2
351	The AC Multi-Harmonic Magnetic Susceptibility Measurement Setup at the LNF-INFN. Applied Mechanics and Materials, 0, 568-570, 82-89.	0.2	2
352	Influence of the electron-phonon interaction on the temperature dependence of the phonon mode frequency in the II-VI compound solid solutions. Journal of Applied Physics, 2015, 117, 025702.	1.1	2
353	An Analytical Model for Evaluation of the Properties of Metallic Coatings in RF Structures. Condensed Matter, 2016, 1, 12.	0.8	2
354	A Novel Particle/Photon Detector Based on a Superconducting Proximity Array of Nanodots. Journal of Superconductivity and Novel Magnetism, 2017, 30, 359-363.	0.8	2
355	First attempt to identify site occupation preference coefficients of a quaternary alloy: The InAsxPySb1-x-y system. Journal of Alloys and Compounds, 2018, 738, 218-223.	2.8	2
356	Iron Speciation in Insoluble Dust from High-Latitude Snow: An X-ray Absorption Spectroscopy Study. Condensed Matter, 2018, 3, 47.	0.8	2
357	VUV Pump and Probe of Phase Separation and Oxygen Interstitials in La2NiO4+y Using Spectromicroscopy. Condensed Matter, 2018, 3, 6.	0.8	2
358	Synchrotron Radiation Research and Analysis of the Particulate Matter in Deep Ice Cores: An Overview of the Technical Challenges. Condensed Matter, 2019, 4, 61.	0.8	2
359	Graphene Aerogels for Ultrabroadband Thermoacoustics. Physical Review Applied, 2020, 14, .	1.5	2
360	Photon beam line of the water window FEL for the EuPRAXIA@SPARC_LAB project. Journal of Physics: Conference Series, 2020, 1596, 012039.	0.3	2

#	Article	IF	Citations
361	Shaped X-ray beams by channeling in polycapillary optics. Radiation Physics and Chemistry, 2020, 174, 108965.	1.4	2
362	Coherent X-ray Fluorescent Excitation inside MCP Microchannels: Axial Channeling and Wave Propagation. Journal of Surface Investigation, 2021, 15, 513-519.	0.1	2
363	The Interatomic Intermediate Valence State of Insulating Correlated Oxides CeO2, PrO2 and TbO2. , 1987, , 243-251.		2
364	CORRELATION BETWEEN Tc OF CUPRATE SUPERCONDUCTORS AND THE ENERGY SPLITTING BETWEEN IN-PLANE AND OUT-OF-PLANE POLARIZED Cu 2p->d TRANSITION. , 1989, , 281-291.		2
365	Manifestation of defects in phonon spectra of binary zinc-blende compounds. EPJ Applied Physics, 2004, 27, 321-324.	0.3	2
366	XANES Study of Carbon Nanotubes Grown without Catalyst. Physica Scripta, 2005, , 759.	1.2	2
367	Methodology for FTIR Imaging of Individual Cells. Acta Physica Polonica A, 2016, 129, 250-254.	0.2	2
368	Metallic Interface Induced Ionic Redistribution within Amorphous MoO ₃ Films. Advanced Materials Interfaces, 0, , 2200453.	1.9	2
369	X-ray absorption analysis of structural disorder in amorphous silicon. Physica B: Condensed Matter, 1989, 158, 598-599.	1.3	1
370	Respes and XAS study of some cerium intermetallics. Physica B: Condensed Matter, 1990, 163, 581-583.	1.3	1
371	Relative Cross-Sections for Bound State Double-Electron LN-edge Transitions. Japanese Journal of Applied Physics, 1993, 32, 67.	0.8	1
372	Multiple Scattering Contributions at the L1and L3Barium EXAFS Spectra in Barium Fluoride. Japanese Journal of Applied Physics, 1993, 32, 29.	0.8	1
373	On the developing of net Ce magnetic moment upon H2 absorption in Ce2Fe14B: An XCMD investigation. Solid State Communications, 1994, 91, 769-773.	0.9	1
374	<title>New stepped spherical x-ray diffractor for microprobe analysis</title>. , 1998, 3449, 75.		1
375	High-transmission focusing X-ray diffractor: Numerical simulation of the reflecting surface. Technical Physics Letters, 1999, 25, 763-765.	0.2	1
376	XAS investigation of the relationship between hydrogen uptake and Mn magnetic moment instability in Rî—¸Mn compounds. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 671-673.	1.0	1
377	Mixed valence behavior in superconducting La1 â^' xCexRu2 compounds. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 888-890.	1.0	1
378	Simulation of the stepped surface of a high-resolution X-ray diffractor. Technical Physics Letters, 2000, 26, 502-504.	0.2	1

#	Article	IF	Citations
379	On the change of electronic states at the Fermi level by Ce doping in the intermetallic LaRu2. Journal of Alloys and Compounds, 2001, 317-318, 542-545.	2.8	1
380	A Large-Aperture X-Ray Monochromator with Stepped Surface. Instruments and Experimental Techniques, 2002, 45, 819-823.	0.1	1
381	High-pressure far-infrared measurements at SINBAD. Infrared Physics and Technology, 2004, 45, 365-368.	1.3	1
382	Infrared Mapping of H2O and CO2 in Volcanic Minerals. , 2006, , .		1
383	Time Resolved Detection of Infrared Synchrotron Radiation at DAÎ¦NE. AIP Conference Proceedings, 2007, , .	0.3	1
384	Controlling of hydrogen and oxygen atoms in CdTe by means of far-infrared spectroscopy using synchrotron radiation. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 1462-1472.	0.8	1
385	Quantitative method of the point defect concentration determination in Znâ€•and Cdâ€•doped HgTe using the farâ€•infrared spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2020-2023.	0.8	1
386	Diamond Photodetectors for X-Ray Absorption Spectroscopy Applications. , 2010, , .		1
387	Research and Development of X-Ray Spectroscopy Based on Polycapillary Optics at Laboratori Nazionali di Frascati. , 2010, , .		1
388	Introduction: synchrotron radiation time resolved concurrent experimentsâ€"a new Italian route to China. Rendiconti Lincei, 2011, 22, 3-4.	1.0	1
389	Occupation preferences in doped CmImâ€² multinaries by correlated analysis of EXAFS and FTIR data. Low Temperature Physics, 2011, 37, 241-244.	0.2	1
390	Cosmic rays and radiobiology in a Sino-Italian network strategy: first bilateral workshop COSMIC-RAD. Rendiconti Lincei, 2014, 25, 1-2.	1.0	1
391	A proposed integrated systems approach to the radiation biology of cosmic interest: biophysics and molecular characterization of tissues irradiated with 14ÂMeV neutrons. Rendiconti Lincei, 2014, 25, 23-27.	1.0	1
392	The complex stoichiometry of ternary alloys: What lies beyond the canonical Bernoulli distribution?. Solid State Communications, 2014, 192, 75-78.	0.9	1
393	Graphitic Patterns on CVD Diamond Plate as Microheating/Thermometer Devices. ACS Applied Materials & Interfaces, 2015, 7, 10896-10904.	4.0	1
394	Spontaneous shape transition of MnxGe1â^'x islands to long nanowires. Beilstein Journal of Nanotechnology, 2021, 12, 366-374.	1.5	1
395	XANES of Palladium Rare Earth Intermetallics (RPd3): Determination of Hybridization and Mixing of 4f-Orbitals. Springer Proceedings in Physics, 1984, , 52-54.	0.1	1
396	XRMS Quantitative Study at the L₂and L₃Edges of Nd in Nd₂Fe₁₄B. European Physical Journal Special Topics, 1997, 7, C2-437-C2-438.	0.2	1

#	Article	IF	Citations
397	Observation of scissors modes in solid state systemsÂwith a SQUID. Journal of Synchrotron Radiation, 2016, 23, 560-565.	1.0	1
398	Infrared Synchrotron Radiation: from Condensed Matter to Biology Researches. Acta Physica Polonica A, 2001, 100, 647-658.	0.2	1
399	Comparison of XAS Spectra at the Al K-Edge in Garnets to Multiple-Scattering Calculations. European Physical Journal Special Topics, 1997, 7, C2-503-C2-504.	0.2	1
400	Fast rise time IR detectors for lepton colliders. Journal of Instrumentation, 2016, 11, C07004-C07004.	0.5	1
401	LOCALIZATION OF 5f STATES IN VARIOUS URANIUM AND THORIUM OXIDES AND GLASSES. Journal De Physique Colloque, 1986, 47, C8-949-C8-953.	0.2	1
402	Local structure determination by surface XANES spectroscopy of SiO2 amorphous layer on NiO. Journal of Materials Science Letters, 1986, 5, 441-442.	0.5	0
403	Tissue Suspension Agglutination: A Simple Method to Screen Species-Specific and Organ-Specific Reactions. International Archives of Allergy and Immunology, 1997, 114, 343-347.	0.9	0
404	Transmission of infrared radiation through cylindrical waveguides. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 527-538.	0.4	0
405	High-resolution compact multi-stepped X-ray diffractors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 491, 512-517.	0.7	0
406	X-ray absorption spectroscopy study of nanotubes. AIP Conference Proceedings, 2003, , .	0.3	0
407	Spectroscopy and microscopy at sinbad, the synchrotron infrared beamline at DAÎ¦NE. , 0, , .		0
408	High-pressure far-infrared absorption measurements on La1â^'xCaxMnO3â^'Î´ by means of synchrotron radiation. Infrared Physics and Technology, 2006, 49, 92-95.	1.3	0
409	A Vacuum Soft X-Ray Reflectometer for the Characterization of Multilayer Mirrors by Synchrotron Radiation at DAÎ¦NE. AIP Conference Proceedings, 2007, , .	0.3	0
410	Influence of hydrogen on hydrogenated cadmium telluride optical spectra. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2016-2019.	0.8	0
411	Investigations of time-dependent chemical-physical phenomena with THz spectroscopy. , 2010, , .		0
412	Facing the challenge of biosample imaging by FTIR with a synchrotron radiation source. , 2010, , .		0
413	Second International Workshop on Imaging Techniques with Synchrotron Radiation (ITSR). Synchrotron Radiation News, 2010, 23, 16-17.	0.2	0
414	PRESS-MAG-O: a unique instrument to probe materials and phenomena under extreme conditions at Frascati. High Pressure Research, 2011, 31, 91-97.	0.4	0

#	Article	IF	Citations
415	Endohedral fullerenes: a concurrent characterization by means of synchrotron radiation X-ray and IR spectroscopy. Journal of Physics: Conference Series, 2013, 430, 012069.	0.3	0
416	Quantitative investigation of the local structure around cobalt ion in two different peptide deformylase by XANES spectroscopy. Journal of Physics: Conference Series, 2013, 430, 012043.	0.3	0
417	FT-IR imaging spectroscopy as a complementary analytical technique to monitor lipids as biomarkers to high-LET (linear energy transfer) radiation. Rendiconti Lincei, 2014, 25, 75-79.	1.0	0
418	Effect of spacer layer on flux-pinning properties of iron-based superconductors. Novel Superconducting Materials, 2016, 2, .	0.8	0
419	Condensed Matter Researches in Cryospheric Science. Condensed Matter, 2019, 4, 68.	0.8	0
420	Structural Properties of Porous Silicon Nanowires: A Combined Characterization by Advanced Spectroscopic Techniques. Springer Proceedings in Physics, 2021, , 191-201.	0.1	0
421	Morphological, electronic, and magnetic properties of multicomponent cobalt oxide nanoparticles synthesized by high temperature arc plasma. Nanotechnology, 2022, 33, 095603.	1.3	0
422	Protein Structure and Function in the Time-Domain of Vibrational Spectroscopies. The Promising Applications of IR Synchrotron Radiation Micro-Spectroscopy. Acta Physica Polonica A, 2006, 109, 287-304.	0.2	0
423	ULTRAVIOLET DIAMOND PHOTODETECTOR. , 2006, , .		0
424	OPTIMIZED INFRARED DETECTORS FOR INFRARED SYNCHROTRON RADIATION MICROSPECTROSCOPY AND BIOMEDICAL IMAGING. , 2006, , .		0
425	Crystal-Chemical Peculiarities of Italian Melanites as Pointed out by XAS at the Al K Edge. European Physical Journal Special Topics, 1997, 7, C2-501-C2-502.	0.2	0
426	A multi-purpose high-pressure and high temperature gas-flow cell for operando optical Raman spectroscopy. Review of Scientific Instruments, 2021, 92, 113003.	0.6	0