Juris Purans

List of Publications by Year
in descending order

180	3,531	117625	182427
papers	citations	34 h-index	51 g-index

184	184	184	4038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comprehensive study of structure and properties of nanocrystalline zinc peroxide. Journal of Physics and Chemistry of Solids, 2022, 160, 110318.	4.0	6
2	Theoretical and Experimental Studies of Charge Ordering in CaFeO₃ and SrFeO₃ Crystals. Physica Status Solidi (B): Basic Research, 2022, 259, 2100238.	1.5	6
3	Unraveling the Structure and Properties of Layered and Mixed ReO₃â€“WO₃ Thin Films Deposited by Reactive DC Magnetron Sputtering. ACS Omega, 2022, 7, 1827-1837.	3.5	3
4	Ab Initio Computations of O and AO as well as ReO2, WO2 and BO2-Terminated ReO3, WO3, BaTiO3, SrTiO3 and BaZrO3 (001) Surfaces. Symmetry, 2022, 14, 1050.	2.2	23
5	Optical properties of oxygen-containing yttrium hydride thin films during and after the deposition. Vacuum, 2022, 203, 111218.	3.5	7
6	Tailoring of rhenium oxidation state in ReOx thin films during reactive HiPIMS deposition process and following annealing. Materials Chemistry and Physics, 2022, 289, 126399.	4.0	1
7	Highâ€Quality Siâ€Doped Î²â€Ga₂O₃ Films on Sapphire Fabricated by Pulsed Laser Deposition. Physica Status Solidi (B): Basic Research, 2021, 258, 2000362.	1.5	10
8	The local atomic structure and thermoelectric properties of Ir-doped ZnO: hybrid DFT calculations and XAS experiments. Journal of Materials Chemistry C, 2021, 9, 4948-4960.	5.5	7
9	Local electronic structure rearrangements and strong anharmonicity in YH3 under pressures up to 180â€‰GPa. Nature Communications, 2021, 12, 1765.	12.8	12
10	Ab-Initio Calculations of Oxygen Vacancy in Ga₂O₃ Crystals. Latvian Journal of Physics and Technical Sciences, 2021, 58, 3-10.	0.6	12
11	Comparative Hybrid Hartree-Fock-DFT Calculations of WO2-Terminated Cubic WO3 as Well as SrTiO3, BaTiO3, PbTiO3 and CaTiO3 (001) Surfaces. Crystals, 2021, 11, 455.	2.2	44
12	Tribovoltaic Device Based on the W/WO₃ Schottky Junction Operating through Hot Carrier Extraction. Journal of Physical Chemistry C, 2021, 125, 14212-14220.	3.1	14
13	Tendencies in ABO3 Perovskite and SrF2, BaF2 and CaF2 Bulk and Surface F-Center Ab Initio Computations at High Symmetry Cubic Structure. Symmetry, 2021, 13, 1920.	2.2	30
14	Comparative Hybrid Hartree-Fock-DFT Calculations of ReO₃, SrTiO₃, BaTiO₃, PbTiO₃ and CaTiO₃ (001) Surfaces. Integrated Ferroelectrics, 2021, 220, 9-17.	0.7	3
15	Vacancy Defects in Ga2O3: First-Principles Calculations of Electronic Structure. Materials, 2021, 14, 7384.	2.9	40
16	Local structure of A-atom in ABO3 perovskites studies by RMC-EXAFS. Radiation Physics and Chemistry, 2020, 175, 108072.	2.8	6
17	Ab initio calculations of CaZrO3 (011) surfaces: systematic trends in polar (011) surface calculations of ABO3 perovskites. Journal of Materials Science, 2020, 55, 203-217.	3.7	23
18	Ab initio molecular dynamics simulations of negative thermal expansion in ScF3: The effect of the supercell size. Computational Materials Science, 2020, 171, 109198.	3.0	15

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19	Understanding the Conversion Process of Magnetron-Deposited Thin Films of Amorphous ReO_x to Crystalline ReO₃ upon Thermal Annealing. Crystal Growth and Design, 2020, 20, 6147-6156.	3.0	3
20	Comparative Ab Initio Calculations of ReO3, SrZrO3, BaZrO3, PbZrO3 and CaZrO3 (001) Surfaces. Crystals, 2020, 10, 745.	2.2	46
21	First principles hybrid Hartree-Fock-DFT calculations of bulk and (001) surface F centers in oxide perovskites and alkaline-earth fluorides. Low Temperature Physics, 2020, 46, 1206-1212.	0.6	16
22	Low-temperature luminescence of ScF3 single crystals under excitation by VUV synchrotron radiation. Low Temperature Physics, 2020, 46, 1196-1200.	0.6	3
23	Optical properties of zinc-iridium oxide thin films. IOP Conference Series: Materials Science and Engineering, 2019, 503, 012016.	0.6	0
24	High power impulse magnetron sputtering of Zn/Al target in an Ar and Ar/O2 atmosphere: The study of sputtering process and AZO films. Surface and Coatings Technology, 2019, 369, 156-164.	4.8	12
25	Systematic trends in YAlO₃, SrTiO₃, BaTiO₃, BaZrO₃ (001) and (111) surface ab initio calculations. International Journal of Modern Physics B, 2019, 33, 1950390.	2.0	11
26	The role of yttrium and titanium during the development of ODS ferritic steels obtained through the STARS route: TEM and XAS study. Journal of Nuclear Materials, 2018, 504, 8-22.	2.7	14
27	Investigation of precipitate in an austenitic ODS steel containing a carbon-rich process control agent. Nuclear Materials and Energy, 2018, 15, 237-243.	1.3	13
28	Neural Network Approach for Characterizing Structural Transformations by X-Ray Absorption Fine Structure Spectroscopy. Physical Review Letters, 2018, 120, 225502.	7.8	85
29	ODS ferritic steels obtained from gas atomized powders through the STARS processing route: Reactive synthesis as an alternative to mechanical alloying. Nuclear Materials and Energy, 2018, 17, 1-8.	1.3	14
30	Changes in structure and conduction type upon addition of Ir to ZnO thin films. Thin Solid Films, 2017, 636, 694-701.	1.8	10
31	Analysis of the U L 3 -edge X-ray absorption spectra in UO 2 using molecular dynamics simulations. Progress in Nuclear Energy, 2017, 94, 187-193.	2.9	8
32	Disappearance of correlations in the atom motion upon hydrogen intercalation into ReO₃lattice. Journal of Physics: Conference Series, 2016, 712, 012003.	0.4	3
33	Interpretation of the U L₃-edge EXAFS in uranium dioxide using molecular dynamics and density functional theory simulations. Journal of Physics: Conference Series, 2016, 712, 012091.	0.4	1
34	Electronic structure of cubic ScF3 from first-principles calculations. Low Temperature Physics, 2016, 42, 556-560.	0.6	9
35	Interpretation of unexpected behavior of infrared absorption spectra of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ScF</mml:mi><mml:mn>3</mml:mn></mml:msub></m the quasiharmonic approximation. Physical Review B, 2016, 93, .	3.2	15
36	Local dynamics and phase transition in quantum paraelectric SrTiO₃studied by TiK-edge x-ray absorption spectroscopy. Journal of Physics: Conference Series, 2016, 712, 012101.	0.4	3

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37	Local structure of perovskites ReO₃and ScF₃with negative thermal expansion: interpretation beyond the quasiharmonic approximation. Journal of Physics: Conference Series, 2016, 712, 012013.	0.4	3
38	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
39	Temperature-dependent EXAFS study of the local structure and lattice dynamics in cubic Y₂O₃. Journal of Synchrotron Radiation, 2016, 23, 510-518.	2.4	14
40	ODS steel raw material local structure analysis using X-ray absorption spectroscopy. IOP Conference Series: Materials Science and Engineering, 2015, 77, 012029.	0.6	5
41	EPR Study of Gd³⁺local structure in ScF₃crystal with negative thermal expansion coefficient. Physica Scripta, 2015, 90, 115801.	2.5	7
42	Raman, electron microscopy and electrical transport studies of x-ray amorphous Zn-Ir-O thin films deposited by reactive DC magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2015, 77, 012035.	0.6	4
43	X-ray absorption spectroscopy study of local dynamics and thermal expansion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">ReO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	3.2	12
44	Local Structure Studies of Ti for SrTi¹⁶O₃and SrTi¹⁸O₃by Advanced X-ray Absorption Spectroscopy Data Analysis. Ferroelectrics, 2015, 485, 42-52.	0.6	3
45	EXAFS study of hydrogen intercalation into ReO₃using the evolutionary algorithm. Journal of Physics Condensed Matter, 2014, 26, 055401.	1.8	82
46	Local structure studies of SrTi¹⁶O₃and SrTi¹⁸O₃. Physica Scripta, 2014, 89, 044002.	2.5	4
47	Hydrogen induced metallization of ZnO (11Ì…00) surface: Ab initio study. Thin Solid Films, 2014, 553, 38-42.	1.8	15
48	Structural, electrical and optical properties of zinc-iridium oxide thin films deposited by DC reactive magnetron sputtering. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1493-1496.	0.8	6
49	Hydrogen adsorption on the ZnO $(1ar{1}00)$ surface: ab initio hybrid density functional linear combination of atomic orbitals calculations. Physica Scripta, 2014, 89, 045801.	2.5	12
50	Local environment of strontium ions in borosilicate and aluminophosphate glasses. Inorganic Materials: Applied Research, 2013, 4, 265-271.	0.5	0
51	Theoretical modeling of the complexes of iron impurities and oxygen vacancies in SrTiO3. Applied Physics Letters, 2013, 102, .	3.3	29
52	Atomic and electronic structure of hydrogen on ZnO (11Ì„00) surface: ab initio hybrid calculations. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012054.	0.6	0
53	Structural, electrical and optical characteristics of Al-doped zinc oxide thin films deposited by reactive magnetron sputtering. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012057.	0.6	5
54	An efficient implementation of the reverse Monte Carlo method for EXAFS analysis in crystalline materials. Journal of Physics: Conference Series, 2013, 430, 012012.	0.4	4

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55	The effect of Zn vacancies and Ga dopants on the electronic structure of ZnO:Ab initiosimulations. IOP Conference Series: Materials Science and Engineering, 2012, 38, 012015.	0.6	4
56	Probing the oxygen vacancy distribution in resistive switching Fe-SrTiO3 metal-insulator-metal-structures by micro-x ray absorption near-edge structure. Journal of Applied Physics, 2012, 111, .	2.5	44
57	Reverse Monte Carlo modeling of thermal disorder in crystalline materials from EXAFS spectra. Computer Physics Communications, 2012, 183, 1237-1245.	7.5	63
58	Spectroscopic study of the electric field induced valence change of Fe-defect centers in SrTiO3. Physical Chemistry Chemical Physics, 2011, 13, 20779.	2.8	48
59	Molecular dynamics simulations of EXAFS in germanium. Open Physics, 2011, 9, .	1.7	9
60	Combining scanning probe microscopy and x-ray spectroscopy. Nanoscale Research Letters, 2011, 6, 308.	5.7	15
61	Structure and composition of sputter-deposited nickel-tungsten oxide films. Thin Solid Films, 2011, 519, 2062-2066.	1.8	64
62	FIRST-PRINCIPLES LCAO CALCULATIONS ON 5D TRANSITION METAL OXIDES: ELECTRONIC AND PHONON PROPERTIES. Integrated Ferroelectrics, 2009, 108, 1-10.	0.7	21
63	A new tool for nanoscale X-ray absorption spectroscopy and element-specific SNOM microscopy. Micron, 2009, 40, 61-65.	2.2	7
64	Characterization of rhenium oxide films and their application to liquid crystal cells. Journal of Applied Physics, 2009, 105, .	2.5	29
65	Interpretation of EXAFS in ReO₃using molecular dynamics simulations. Journal of Physics: Conference Series, 2009, 190, 012080.	0.4	18
66	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
67	Short- and long-range order in La1â^'xSrxCoO3 and La1â^'xBaxCoO3. Journal of Physics and Chemistry of Solids, 2008, 69, 2187-2190.	4.0	17
68	<title>Quantum chemistry studies of the O K-edge x-ray absorption in WO<formula><inf><roman>3</roman></inf></formula> and AWO<formula><inf><roman>3</roman></inf></formula></title>. Proceedings of SPIE, 2008, , .	0.8	1
69	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
70	Isotopic Effect In Extended X-Ray-Absorption Fine Structure of Germanium. Physical Review Letters, 2008, 100, 055901.	7.8	38
71	Nanoscale x-ray absorption spectroscopy using XEOL-SNOM detection mode. Journal of Physics: Conference Series, 2007, 93, 012038.	0.4	9
72	EXAFS and XRD Studies with Subpicometer Accuracy: The Case of ReO3. AIP Conference Proceedings, 2007, , .	0.4	7

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73	Confocal spectromicroscopy of amorphous and nanocrystalline tungsten oxide films. Journal of Non-Crystalline Solids, 2007, 353, 1840-1843.	3.1	31
74	Proton Presence and Motion in Rhenium-Oxide Films and Their Application to Liquid-Crystalline Cells. Molecular Crystals and Liquid Crystals, 2007, 474, 1-15.	0.9	7
75	Disorder-induced Raman scattering in rhenium trioxide (ReO3). Journal of Physics Condensed Matter, 2007, 19, 226206.	1.8	21
76	Gadolinium Acetylacetonate Tetraphenyl Monoporphyrinate Complex and Some of Its Derivatives:â€‰ EXAFS Study and Molecular Dynamics Simulation. Inorganic Chemistry, 2007, 46, 6871-6879.	4.0	6
77	Jahn-Teller distortion around <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi		

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91	Oxygen K-edge x-ray absorption near-edge structure in crystalline and amorphous molybdenum trioxides. Journal of Physics Condensed Matter, 2004, 16, 6619-6625.	1.8	9
92	EXAFS studies of lattice dynamics and thermal expansion. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3085-3088.	0.8	7
93	EXAFS study of mixed nickel molybdenum oxide thin films at the Ni and Mo K-edges. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 531, 321-326.	1.6	6
94	Kinetic and thermodynamic studies of the dissolution of thoria-urania solid solutions. Journal of Nuclear Materials, 2004, 335, 5-13.	2.7	69
95	Full multiple scattering analysis of X-ray absorption near edge structure at the Eu L3-edge in EuO. Journal of Alloys and Compounds, 2004, 374, 89-92.	5.5	5
96	Sputtering deposition and characterization of Ru-doped WO3 thin films for electrochromic applications. Ionics, 2003, 9, 95-102.	2.4	24
97	Structural XAFS Investigation of Eu2+and Sr2+Poly(amino carboxylates):Â Consequences for Water Exchange Rates on MRI-Relevant Complexes. Journal of Physical Chemistry A, 2003, 107, 758-769.	2.5	8
98	<title>Iridium L<formula><inf><roman>3</roman></inf></formula>-edge and oxygen K-edge x-ray absorption spectroscopy of nanocrystalline iridium oxide thin films</title>. , 2003, 5123, 210.		1
99	<title>Scanning probe microscopy of nanocrystalline iridium oxide thin films</title>. , 2003, , .		1
100	<title>Local structure of Ta-Re mixed oxide thin films studied by x-ray absorption spectroscopy</title>. , 2003, 5122, 79.		2
101	EXAFS studies of local thermal expansion. AIP Conference Proceedings, 2003, , .	0.4	0
102	Recent Achievement and Perspectives in Synchrotron Radiation X-Ray Absorption Spectroscopy. , 2003, , 231-234.		0
103	Solution X-ray Absorption Fine Structure Study of the Eu2+and Sr2+Ions:Â Unexpected Solvent and Metal Ion Dependencies of the Solvation Numbers. Journal of Physical Chemistry A, 2002, 106, 9612-9622.	2.5	30
104	Structural Investigation of the Aqueous Eu2+Ion:Â Comparison with Sr2+Using the XAFS Technique. Journal of Physical Chemistry A, 2002, 106, 3034-3043.	2.5	69
105	XAFS Study of Gadolinium and Samarium Bisporphyrinate Complexes. Inorganic Chemistry, 2001, 40, 6088-6096.	4.0	14
106	Local structure and vibrational dynamics in NiWO4. Ferroelectrics, 2001, 258, 21-30.	0.6	26
107	Lattice softening in superconducting compositions of Ba(K)BiO3. Journal of Synchrotron Radiation, 2001, 8, 845-847.	2.4	0
108	Local atomic and electronic structure of tungsten ions in AWO4 crystals of scheelite and wolframite types. Radiation Measurements, 2001, 33, 583-586.	1.4	76

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109	X-ray absorption study of Ce?Ti oxide films. Electrochimica Acta, 2001, 46, 2055-2058.	5.2	19
110	XAS, XRD, AFM and Raman studies of nickel tungstate electrochromic thin films. Electrochimica Acta, 2001, 46, 2233-2236.	5.2	55
111	X-ray absorption study of the electronic structure of tungsten and molybdenum oxides on the O K-edge. Electrochimica Acta, 2001, 46, 1973-1976.	5.2	57
112	The double-well oscillating potential of oxygen atoms in perovskite system Ba(K)BiO3: EXAFS â€“ analysis results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 448, 340-344.	1.6	6
113	Dehydration of the molybdenum trioxide hydrates MoO3Â·nH2O:in situx-ray absorption spectroscopy study at the Mo K edge. Journal of Physics Condensed Matter, 2000, 12, 1959-1970.	1.8	58
114	Extended X-Ray Absorption Fine Structure Spectroscopy of Perovskite-Type Compounds. , 2000, , 139-144.		0
115	X-Ray Absorption Spectroscopy of (Pb1-xLax)(Zr0.65Ti0.35)O3 at the Zr K and Pb L 3 Edges. , 2000, , 145-150.		0
116	Sensitivity of Extended X-Ray-Absorption Fine Structure to Thermal Expansion. Physical Review Letters, 1999, 82, 4240-4243.	7.8	155
117	Study of the electronic structure of rhenium and tungsten oxides on the O K-edge. Physica B: Condensed Matter, 1999, 259-261, 1157-1158.	2.7	21
118	Raman study of the phase transitions sequence in pure WO3 at high temperature and in HxWO3 with variable hydrogen content. Solid State Ionics, 1999, 123, 67-74.	2.7	104
119	Anharmonicity and thermal expansion in crystalline germanium. Journal of Synchrotron Radiation, 1999, 6, 253-254.	2.4	10
120	Color centres and polymorphism in pure WO3 and mixed (1â^'x)WO3â^'yÂ·xReO2 powders. Ionics, 1999, 5, 335-344.	2.4	8
121	Low-Temperature Polymorphism in Tungsten Trioxide Powders and Its Dependence on Mechanical Treatments. Journal of Solid State Chemistry, 1999, 143, 24-32.	2.9	104
122	Study of the electronic structure of rhenium and tungsten oxides on the O K-edge. Ionics, 1998, 4, 101-105.	2.4	11
123	Temperature and pH Dependence XAFS Study of Gd(DOTA)-and Gd(DTPA)2-Complexes: Solid State and Solution Structures. Inorganic Chemistry, 1998, 37, 3667-3674.	4.0	60
124	X-ray diffraction, extended x-ray absorption fine structure and Raman spectroscopy studies of WO3 powders and (1â^'x)WO3â^'yâ‹…xReO2 mixtures. Journal of Applied Physics, 1998, 84, 5515-5524.	2.5	94
125	XAFS study of interchain and intrachain order inSe1â^'xTexglasses: Nearest neighbors. Physical Review B, 1998, 58, 6104-6114.	3.2	23
126	<title>In-situ x-ray absorption fine structure and x-ray diffraction studies of hydrogen intercalation in tungsten oxides</title>. , 1997, , .		7

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127	X-ray absorption spectroscopy and molecular dynamics studies of hydration in aqueous solutions. Journal of Physics Condensed Matter, 1997, 9, 10065-10078.	1.8	53
128	The influence of pd mixing and magnetic interactions on the pre-edge peak intensity at the Co (Ni) K absorption edge in solid solutions. Journal of Physics Condensed Matter, 1997, 9, 5277-5286.	1.8	24
129	<title>X-ray absorption spectroscopy study of the local environment around tungsten and molybdenum ions in tungsten-phosphate and molybdenum-phosphate glasses</title>. , 1997, , .		15
130	X-ray absorption spectroscopy study of the Ni K edge in magnetron-sputtered nickel oxide thin films. Journal of Physics Condensed Matter, 1997, 9, 6979-6993.	1.8	34
131	Cu Polyimidazole Thioether Complexes : Comparison of RDF's Reconstructed from XAFS and XRD Data. European Physical Journal Special Topics, 1997, 7, C2-639-C2-640.	0.2	0
132	Li intercalation in transparent Tiâ€“Ce oxide films: Energetics and ion dynamics. Journal of Applied Physics, 1997, 81, 6432-6437.	2.5	39
133	XAFS studies of local atomic structure of niobium tellurides. Journal of Alloys and Compounds, 1997, 262-263, 81-86.	5.5	1
134	X-Ray Absorption Study of the Short Range Order of Tungsten and Molybdenum Ions in BaO-P2O5-WO3and CaO-P2O5-MoO3Glasses. European Physical Journal Special Topics, 1997, 7, C2-971-C2-973.	0.2	4
135	Temperature and pH Dependence of Gd-DOTA and Gd-DTPA Complexes Dissociation Studied by EXAFS. European Physical Journal Special Topics, 1997, 7, C2-641-C2-642.	0.2	0
136	Debye-Waller Factor Low Temperature Anomalies in BaPb_{1-x}Bi_xO₃. European Physical Journal Special Topics, 1997, 7, C2-1073-C2-1075.	0.2	1
137	Low and High-Temperature In Situ X-Ray Absorption Study of the Local Order in Orthorhombic Î±-MoO3Upon Hydrogen Reduction. European Physical Journal Special Topics, 1997, 7, C2-891-C2-892.	0.2	1
138	Local structure anomalies of the BaBi(Pb)O3 system at low temperatures: an X-ray absorption study. Physica C: Superconductivity and Its Applications, 1997, 277, 257-264.	1.2	19
139	Near-infrared luminescence of isolated and exchange-coupled Ni2+ ions in NicMg1âˆ'cO solid solutions. Journal of Luminescence, 1997, 72-74, 231-232.	3.1	5
140	Temperature Dependent Re L₃-Edge X-Ray Absorption Study of Crystalline Rhenium Trioxide ReO₃. European Physical Journal Special Topics, 1997, 7, C2-1119-C2-1120.	0.2	0
141	Short and Medium Range Order in Se_{1-x}Te_xGlasses. European Physical Journal Special Topics, 1997, 7, C2-999-C2-1000.	0.2	0
142	X-ray absorption spectroscopy studies of the off-center Ni2+ions in Ni c Mg 1-c O solid solutions. , 1996, 2706, 168.		5
143	X-ray-absorption spectroscopy ofNd3+-exchanged Î²-alumina crystal. Physical Review B, 1996, 53, 11444-11450.	3.2	4
144	A high-temperature x-ray absorption spectroscopy study of. Journal of Physics Condensed Matter, 1996, 8, 9083-9102.	1.8	20

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145	Influence of the focusing effect on XAFS in ReO3, WO3â^'x and FeF3. Physica B: Condensed Matter, 1995, 208-209, 45-46.	2.7	12
146	XAFS study of short range order in the heavily disordered MoxW1â^'wO3 oxides. Physica B: Condensed Matter, 1995, 208-209, 373-374.	2.7	5
147	In situ XAFS study of phase transitions and hydrogen intercalation in WO3-MoO3 system. Physica B: Condensed Matter, 1995, 208-209, 707-708.	2.7	4
148	XAFS analysis of the low symmetry octahedral molybdenum and tungsten oxides. Physica B: Condensed Matter, 1995, 208-209, 307-308.	2.7	9
149	X-ray absorption spectroscopy study of ReO3lattice dynamics. Journal of Physics Condensed Matter, 1995, 7, 1199-1213.	1.8	16
150	X-ray absorption spectroscopy study of NicMg1-cO solid solutions on the Ni K edge. Journal of Physics Condensed Matter, 1995, 7, 9357-9368.	1.8	39
151	X-ray-absorption spectroscopy of aNd3+-exchanged Î²â€™â€™-alumina crystal. Physical Review B, 1994, 50, 6662-6672.	3.2	15
152	EXAFS study of Nd3+ -exchanged Î²â€³ -alumina crystal. Solid State Ionics, 1994, 70-71, 465-470.	2.7	1
153	EXAFS and XANES Studies of CoxMg1â^'xO Solid Solutions Using a Laboratory EXAFS Spectrometer. Physica Status Solidi A, 1993, 135, 133-141.	1.7	9
154	X-ray absorption spectra of cesium ions in sodium borosilicate and alumophosphate glasses. Journal of Applied Spectroscopy, 1993, 58, 418-422.	0.7	1
155	A new fast spherical approximation for calculation of multiple-scattering contributions in X-ray absorption fine structure and its application to ReO3, NaWO3and MoO3. Journal of Physics Condensed Matter, 1993, 5, 267-282.	1.8	26
156	The influence of the focusing effect on the X-ray absorption fine structure above all the tungsten L edges in non-stoichiometric tungsten oxides. Journal of Physics Condensed Matter, 1993, 5, 9423-9430.	1.8	33
157	X-ray-absorption study of rheniumL3andL1edges inReO3: Multiple-scattering approach. Physical Review B, 1993, 47, 2480-2486.	3.2	55
158	X-ray absorption spectroscopy study of local structural changes in a-WO3under colouration. Journal of Physics Condensed Matter, 1993, 5, 2333-2340.	1.8	33
159	XAFS Studies of Octahedral Amorphous Oxides. Japanese Journal of Applied Physics, 1993, 32, 655.	1.5	13
160	Ab Initio Multiple-Scattering Calculations of the RheniumL3andL1Edges XAFS in ReO3. Japanese Journal of Applied Physics, 1993, 32, 46.	1.5	0
161	Double-Electron Excitations inL-edges X-ray-Absorption Spectra of W, Ir and Cs Oxide Compounds. Japanese Journal of Applied Physics, 1993, 32, 64.	1.5	6
162	Studies of CoxMg1-xO Solid Solutions Using Laboratory EXAFS-Spectrometer. Japanese Journal of Applied Physics, 1993, 32, 637.	1.5	1

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163	A New Fast Spherical Approximation (FSA) for Calculation of Multiple-Scattering Contributions in XAFS. Japanese Journal of Applied Physics, 1993, 32, 49.	1.5	0
164	EXAFS studies of MeO3â^'x (Me = W, Mo, Re, Ir) crystalline and amorphous oxides. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 308, 234-239.	1.6	37
165	XANES studies of MeO3-x (Me = W, Re, Ir) crystalline and amorphous oxides. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 308, 240-242.	1.6	43
166	Structural state of the cobalt ion in sodium borate and sodium borosilicate glasses. Journal of Applied Spectroscopy, 1991, 55, 824-827.	0.7	4
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