Paolo Ghigna

List of Publications by Year
in descending order

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181 papers	3,429 citations	136885 32 h-index	197736 49 g-index
189 all docs	189 docs citations	189 times ranked	5065 citing authors

#	Article	IF	Citations
1	Spectroscopic Techniques and DFT Calculations to Highlight the Effect of Fe³⁺ on the Properties of FeNb₁₁O₂₉, Anode Material for Lithium-Ion Batteries. Journal of Physical Chemistry C, 2022, 126, 4698-4709.	1.5	3
2	Capabilities of Grazing Incidence X-ray Diffraction in the Investigation of Amorphous Mixed Oxides with Variable Composition. Materials, 2022, 15, 2144.	1.3	1
3	Is configurational entropy the main stabilizing term in rock-salt Mg0.2Co0.2Ni0.2Cu0.2Zn0.2O high entropy oxide?. Nature Communications, 2022, 13, .	5.8	18
4	Dielectric Effects in FeO_x-Coated Au Nanoparticles Boost the Magnetoplasmonic Response: Implications for Active Plasmonic Devices. ACS Applied Nano Materials, 2021, 4, 1057-1066.	2.4	17
5	Effect of Germanium Incorporation on the Electrochemical Performance of Electrospun Fe2O3 Nanofibers-Based Anodes in Sodium-Ion Batteries. Applied Sciences (Switzerland), 2021, 11, 1483.	1.3	5
6	Operando x-ray absorption spectroscopy on battery materials: a review of recent developments. JPhys Energy, 2021, 3, 032006.	2.3	21
7	The Missing Piece: The Structure of the Ti₃C₂T_x MXene and Its Behavior as Negative Electrode in Sodium Ion Batteries. Nano Letters, 2021, 21, 8290-8297.	4.5	22
8	Molecular cluster route for the facile synthesis of a stable and active Pt nanoparticle catalyst. New Journal of Chemistry, 2021, 45, 11292-11303.	1.4	4
9	Structural and mechanistic insights into low-temperature CO oxidation over a prototypical high entropy oxide by Cu L-edge operando soft X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 26575-26584.	1.3	17
10	Electrodeposited Cu thin layers as low cost and effective underlayers for Cu2O photocathodes in photoelectrochemical water electrolysis. Journal of Solid State Electrochemistry, 2020, 24, 339-355.	1.2	5
11	A new eight-cation inverse high entropy spinel with large configurational entropy in both tetrahedral and octahedral sites: Synthesis and cation distribution by X-ray absorption spectroscopy. Scripta Materialia, 2020, 188, 26-31.	2.6	46
12	Dewetting of PtCu Nanoalloys on TiO₂ Nanocavities Provides a Synergistic Photocatalytic Enhancement for Efficient H₂ Evolution. ACS Applied Materials & Interfaces, 2020, 12, 38211-38221.	4.0	40
13	Multivariate curve resolution analysis of operando XAS data for the investigation of the lithiation mechanisms in high entropy oxides. Chemical Physics Letters, 2020, 760, 137968.	1.2	26
14	In situ characterizations of photoelectrochemical cells for solar fuels and chemicals. MRS Energy & Sustainability, 2020, 7, 1.	1.3	11
15	Lithiation Mechanism in High-Entropy Oxides as Anode Materials for Li-Ion Batteries: An Operando XAS Study. ACS Applied Materials & Interfaces, 2020, 12, 50344-50354.	4.0	78
16	Operando X-ray Absorption Spectroscopy (XAS) Observation of Photoinduced Oxidation in FeNi (Oxy)hydroxide Overlayers on Hematite (Î±-Fe₂O₃) Photoanodes for Solar Water Splitting. Langmuir, 2020, 36, 11564-11572.	1.6	9
17	Direct Observation of Photoinduced Higher Oxidation States at a Semiconductor/Electrocatalyst Junction. ACS Catalysis, 2020, 10, 10476-10487.	5.5	10
18	Understanding Solidâ€“Gas Reaction Mechanisms by Operando Soft X-Ray Absorption Spectroscopy at Ambient Pressure. Journal of Physical Chemistry C, 2020, 124, 14202-14212.	1.5	19

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19	Nanostructured calcium cobalt oxide Ca3Co4O9 as thermoelectric material. Effect of nanostructure on local coordination, Co charge state and thermoelectric properties. Journal of Physics and Chemistry of Solids, 2020, 143, 109474.	1.9	7
20	Role of Synthetic Parameters on the Structural and Optical Properties of N,Sn-Copromoted Nanostructured TiO2: A Combined Ti K-Edge and Sn L2,3-Edges X-ray Absorption Investigation. Nanomaterials, 2020, 10, 1224.	1.9	4
21	An Operando X-ray Absorption Spectroscopy Study of a NiCuâ˜TiO₂ Photocatalyst for H₂ Evolution. ACS Catalysis, 2020, 10, 8293-8302.	5.5	46
22	Stabilization by Configurational Entropy of the Cu(II) Active Site during CO Oxidation on Mg_{0.2}Co_{0.2}Ni_{0.2}Cu_{0.2}Zn_{0.2}O. Journal of Physical Chemistry Letters, 2020, 11, 3589-3593.	2.1	46
23	Operando X-ray absorption spectroscopy of WO3 photoanodes. Electrochimica Acta, 2019, 320, 134561.	2.6	14
24	Luminescence of Eu3+ Activated CaF2 and SrF2 Nanoparticles: Effect of the Particle Size and Codoping with Alkaline Ions. Crystal Growth and Design, 2018, 18, 686-694.	1.4	52
25	Dynamics of oxide growth on Pt nanoparticles electrodes in the presence of competing halides by operando energy dispersive X-Ray absorption spectroscopy. Electrochimica Acta, 2018, 270, 378-386.	2.6	8
26	Î±- and Î³-FeOOH: Stability, Reversibility, and Nature of the Active Phase under Hydrogen Evolution. ACS Applied Energy Materials, 2018, 1, 1716-1725.	2.5	26
27	Nanoaggregates of iron poly-oxo-clusters obtained by laser ablation in aqueous solution of phosphonates. Journal of Colloid and Interface Science, 2018, 522, 208-216.	5.0	14
28	Local environments and transport properties of heavily doped strontium barium niobates Sr0.5Ba0.5Nb2O6. Journal of Solid State Chemistry, 2018, 258, 99-107.	1.4	6
29	Time-Resolved X-ray Absorption Spectroscopy in (Photo)Electrochemistry. Surfaces, 2018, 1, 138-150.	1.0	17
30	Electronic Structure and Magnetic Coupling of Pure and Mg-Doped KCuF3. Advances in Condensed Matter Physics, 2018, 2018, 1-10.	0.4	1
31	Dependence of the Ce(<scp>iii</scp>)/Ce(<scp>iv</scp>) ratio on intracellular localization in ceria nanoparticles internalized by human cells. Nanoscale, 2017, 9, 1527-1538.	2.8	22
32	Observation of charge transfer cascades in Î±-Fe₂O₃/IrO_xphotoanodes by operando X-ray absorption spectroscopy. Physical Chemistry Chemical Physics, 2017, 19, 5715-5720.	1.3	16
33	Structural and Thermodynamic Properties of Nanoparticleâ€“Protein Complexes: A Combined SAXS and SANS Study. Langmuir, 2017, 33, 2248-2256.	1.6	24
34	Enhanced Electrocatalytic Oxygen Evolution in Auâ€“Fe Nanoalloys. Angewandte Chemie - International Edition, 2017, 56, 6589-6593.	7.2	72
35	Enhanced Electrocatalytic Oxygen Evolution in Auâ€“Fe Nanoalloys. Angewandte Chemie, 2017, 129, 6689-6693.	1.6	5
36	Structure and Stability of a Copper(II) Lactate Complex in Alkaline Solution: a Case Study by Energy-Dispersive X-ray Absorption Spectroscopy. Inorganic Chemistry, 2017, 56, 6982-6989.	1.9	19

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37	Feasibility of electron and hole injection in heavily doped strontium barium niobate (SBN50) Sr0.5Ba0.5Nb2O6 for thermoelectric applications. Journal of Applied Physics, 2017, 121, .	1.1	11
38	The dynamics of pseudocapacitive phenomena studied by Energy Dispersive X-Ray Absorption Spectroscopy on hydrous iridium oxide electrodes in alkaline media. Electrochimica Acta, 2016, 212, 247-253.	2.6	8
39	Operando and Time-Resolved X-Ray Absorption Spectroscopy for the Study of Photoelectrode Architectures. Electrochimica Acta, 2016, 207, 16-21.	2.6	17
40	An Efficient Cu_xO Photocathode for Hydrogen Production at Neutral pH: New Insights from Combined Spectroscopy and Electrochemistry. ACS Applied Materials & Interfaces, 2016, 8, 21250-21260.	4.0	39
41	3D-printed photo-spectroelectrochemical devices forin situandin operandoX-ray absorption spectroscopy investigation. Journal of Synchrotron Radiation, 2016, 23, 622-628.	1.0	37
42	Fixed Energy X-ray Absorption Voltammetry and Extended X-ray Absorption fine Structure of Ag nanoparticle electrodes. Journal of Electroanalytical Chemistry, 2016, 766, 71-77.	1.9	11
43	From tiny to tinier: combining techniques to reveal complex crystal intergrowths. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s73-s73.	0.0	0
44	Spin Dynamics in Hybrid Iron Oxideâ€“Gold Nanostructures. Journal of Physical Chemistry C, 2015, 119, 1224-1233.	1.5	9
45	Geopolymers from low-T activated kaolin: Implications for the use of alunite-bearing raw materials. Applied Clay Science, 2015, 114, 530-539.	2.6	17
46	Easy Accommodation of Different Oxidation States in Iridium Oxide Nanoparticles with Different Hydration Degree as Water Oxidation Electrocatalysts. ACS Catalysis, 2015, 5, 5104-5115.	5.5	105
47	Laser generation of iron-doped silver nanotruffles with magnetic and plasmonic properties. Nano Research, 2015, 8, 4007-4023.	5.8	61
48	High-Energy X-ray Absorption Spectroscopy in Materials Chemistry. Science of Advanced Materials, 2015, 7, 2216-2233.	0.1	2
49	In Situ Dispersive EXAFS in Electrocatalysis: The Investigation of the Local Structure of IrO_xin Chronoamperometric Conditions as a Case Study. Journal of Spectroscopy, 2014, 2014, 1-7.	0.6	13
50	Observing the oxidation state turnover in heterogeneous iridium-based water oxidation catalysts. Chemical Science, 2014, 5, 3591.	3.7	190
51	Structural Investigation of Manganese Doped SrTiO₃Single Crystal and Ceramic. Ferroelectrics, 2014, 463, 31-39.	0.3	6
52	Fischerâ€“Tropsch synthesis: EXAFS study of Ru and Pt bimetallic Co based catalysts. Fuel, 2014, 132, 62-70.	3.4	32
53	Early stages of solid state reactions: insights from micro-XRD and XAS. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1519-C1519.	0.0	0
54	Studying the surface reaction between NiO and Al₂O₃viatotal reflection EXAFS (ReflEXAFS). Journal of Synchrotron Radiation, 2014, 21, 395-400.	1.0	6

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55	Fixed Energy X-ray Absorption Voltammetry. Analytical Chemistry, 2013, 85, 7009-7013.	3.2	45
56	Thermal dehydroxylation of kaolinite under isothermal conditions. Applied Clay Science, 2013, 80-81, 417-425.	2.6	109
57	Mechanisms of Zinc Oxide Nanocrystalline Thin Film Formation by Thermal Degradation of Metal-Loaded Hydrogels. Journal of Physical Chemistry C, 2013, 117, 25108-25117.	1.5	11
58	Spin-Polarization Transfer in Colloidal Magnetic-Plasmonic Au/Iron Oxide Hetero-nanocrystals. ACS Nano, 2013, 7, 857-866.	7.3	64
59	Role of Interfacial Energy and Crystallographic Orientation on the Mechanism of the ZnO + Al₂O₃ â†' ZnAl₂O₄ Solid-State Reaction: I. Reactivity of Films Deposited onto the Sapphire (110) and (012) Faces. Journal of Physical Chemistry C, 2013, 117, 6105-6112.	1.5	9
60	Role of Interfacial Energy and Crystallographic Orientation on the Mechanism of the ZnO + Al₂O₃ â†' ZnAl₂O₄ Solid-State Reaction: II. Reactivity of Films Deposited onto the Sapphire (001) Face. Journal of Physical Chemistry C, 2013, 117, 6113-6119.	1.5	8
61	Charge ordering transition in GdBaCo2O5: Evidence of reentrant behavior. Physical Review B, 2013, 88, .	1.1	16
62	Role of interfacial energy and crystallographic orientation on the mechanism of the ZnO + Al2O3â†' ZnAl2O4solid-state reaction. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, s233-s233.	0.3	0
63	Thermal expansion of alunite up to dehydroxylation and collapse of the crystal structure. Mineralogical Magazine, 2012, 76, 613-623.	0.6	11
64	Phononic and magnetic excitations in the quasi-one-dimensional Heisenberg antiferromagnet KCuF3. Low Temperature Physics, 2012, 38, 419-427.	0.2	5
65	Mechanisms of Reactions in the Solid State: (110) Al₂O₃ + (001) ZnO Interfacial Reaction. Journal of Physical Chemistry C, 2012, 116, 980-986.	1.5	8
66	IrO₂-Based Disperse-Phase Electrocatalysts: A Complementary Study by Means of the Cavity-Microelectrode and Ex-Situ X-ray Absorption Spectroscopy. Journal of Physical Chemistry A, 2012, 116, 6497-6504.	1.1	29
67	Structural investigation and luminescence of nanocrystalline lanthanide doped NaNbO3 and Na0.5K0.5NbO3. Journal of Solid State Chemistry, 2012, 196, 1-10.	1.4	14
68	Growth and characterization of high quality LuVO3 single crystals. Journal of Crystal Growth, 2012, 351, 118-121.	0.7	4
69	Spectroscopic Enlightening of the Local Structure Of VO_X Active Sites in Catalysts for the Odh of Propane. Journal of Physical Chemistry C, 2012, 116, 22386-22398.	1.5	30
70	Incorporation of Yb3+ ions in multicomponent phase-separated fibre glass preforms. Optical Materials, 2012, 34, 660-664.	1.7	20
71	Magnetic, optical and relaxometric properties of organically coated goldâ€"magnetite (Auâ€"Fe3O4) hybrid nanoparticles for potential use in biomedical applications. Journal of Magnetism and Magnetic Materials, 2012, 324, 2373-2379.	1.0	64
72	Diopsideâ€"titanian pargasite intergrowth: crystallography and formation mechanism. Acta Crystallographica Section A: Foundations and Advances, 2012, 68, s198-s198.	0.3	0

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73	EXAFSâ^'XANES Evidence of in Situ Cesium Reduction in Csâ^'Ru/C Catalysts for Ammonia Synthesis. Inorganic Chemistry, 2011, 50, 3757-3765.	1.9	30
74	Local structure of the Ce3+ ion in the yellow emitting phosphor YAG:Ce. Optical Materials, 2011, 34, 19-22.	1.7	34
75	Lattice vibrations in KCuF₃. Annalen Der Physik, 2011, 523, 645-651.	0.9	5
76	Synchrotron radiation in solid state chemistry. Radiation Physics and Chemistry, 2011, 80, 1109-1111.	1.4	4
77	Crystal structure and structural phase transitions in the GdBaCo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>5.0</mml:mn></mml:mrow></mml:msub></mml:math>cobaltite. Physical Review B, 2011, 84, .	1.1	17
78	Rhombic-shaped nanodomains in columbite driven by contrasting cation order. American Mineralogist, 2011, 96, 374-382.	0.9	1
79	Strong electronic correlations in Li_{<i>x</i>}M(Pc,Nc) organic conductors near half filling. Journal of Physics: Conference Series, 2010, 200, 012033.	0.3	0
80	Unusual Ln3+ substitutional defects: The local chemical environment of Eu3+ and Er3+ in nanocrystalline Nb2O5 by Lnâ€“K edge EXAFS. Journal of Physics and Chemistry of Solids, 2010, 71, 400-403.	1.9	6
81	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CdEr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mm A New Erbium Spin Ice System in a Spinel Structure. Physical Review Letters, 2010, 104, 247203.	2.9	45
82	Experimental disentangling of orbital and lattice energy scales by inducing cooperative Jahn-Teller melting inKCu1â^'xMgxF3solid solutions. Physical Review B, 2010, 81, .	1.1	6
83	Î¼-XANES mapping of buried interfaces: pushing microbeam techniques to the nanoscale. Physical Chemistry Chemical Physics, 2010, 12, 5547.	1.3	12
84	Publisher's Note: Overlap ofCuâ€‰3dandFâ€‰2porbitals and low-energy excitations inKCuF3studied by polarization-dependent x-ray absorption and emission spectroscopy [Phys. Rev. B79, 115120 (2009)]. Physical Review B, 2009, 79, .	1.1	0
85	Site location and crystal field ofNd3+ions in congruent strontium barium niobate. Physical Review B, 2009, 80, .	1.1	9
86	Overlap ofCuâ€‰3dandFâ€‰2porbitals and low-energy excitations inKCuF3studied by polarization-dependent x-ray absorption and emission spectroscopy. Physical Review B, 2009, 79, .	1.1	4
87	Nanoscale formation of new solid-state compounds by topochemical effects: The interfacial reactions ZnO with Al2O3 as a model system. Journal of Solid State Chemistry, 2009, 182, 1291-1296.	1.4	8
88	Local chemical environment of Nd3+, Eu3+, and Er3+ luminescent centers in lead germanate glasses. Journal of Applied Physics, 2009, 105, .	1.1	7
89	Dilution effects in Ho2-xYxSn2O7: From the spin ice to the single-ion magnet. Journal of Physics: Conference Series, 2009, 145, 012033.	0.3	8
90	Room-temperature equation of state of Li2VOSiO4 up to 8.5ÂGPa. Physics and Chemistry of Minerals, 2008, 35, 71-76.	0.3	0

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91	Synthesis, EXAFS investigation and optical spectroscopy of nanocrystalline Gd3Ga5O12 doped with Ln3+ ions (Ln=Eu, Pr). Optical Materials, 2008, 30, 1162-1167.	1.7	45
92	X-ray magnetic circular dichroism investigation of the superparamagnetic transition-metal ion-cluster r-Mn12Bz. Inorganica Chimica Acta, 2008, 361, 3887-3890.	1.2	2
93	Experimental estimation of the cooperative Jahn-Teller energy in orbitally ordered KCu0.8Mg0.2F3 perovskite. European Physical Journal B, 2008, 65, 187-190.	0.6	2
94	Lanthanide doped strontium barium niobate: Optical spectroscopy and local structure at the impurity sites. Journal of Alloys and Compounds, 2008, 451, 12-17.	2.8	19
95	Dynamical Dzyaloshinsky-Moriya Interaction in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KCuF</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 147601.	2.9	31
96	Effect of high pressure on competing exchange couplings in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Li</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>VOSiO</mml:m	1.1	24
97	Physical Review B, 2008, 77, . Optical Evidence for Symmetry Changes above the NÃ©el Temperature of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KCuF</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 157406.	2.9	46
98	Strong Electronic Correlations inLixZnPcOrganic Metals. Physical Review Letters, 2008, 100, 117601.	2.9	9
99	Remnant magnetization of Fe8 high-spin molecules: X-ray magnetic circular dichroism at 300 mK. Journal of Applied Physics, 2007, 101, 113920.	1.1	32
100	Disentangling multipole resonances through a full x-ray polarization analysis. Physical Review B, 2007, 76, .	1.1	44
101	High temperature structural behaviour of Li2VOSiO4. Zeitschrift FÃ¼r Kristallographie, 2007, 222, .	1.1	3
102	Local Chemical Environment of Pr3+Substitutional Defects in Bulk and Nanocrystalline Gd3Ga5O12:â€‰ A Joint EXAFS and Luminescence Study. Journal of Physical Chemistry C, 2007, 111, 12236-12242.	1.5	11
103	Melting of Orbital Ordering in KMgxCu1-xF3 Solid Solution. Journal of Physical Chemistry B, 2007, 111, 5976-5983.	1.2	4
104	Metallic versus Covalent Bonding:Â Ga Nanoparticles as a Case Study. Journal of the American Chemical Society, 2007, 129, 8026-8033.	6.6	37
105	Low-alkali metal content in Î²-vanadium mixed bronzes: The crystal structures of Î²-Kx(V,Mo)6O15 (x=0.23) Tj ETQq1 1 0.784314 rgB	1.4	6
106	Resonant magnetic X-Ray scattering study of. Journal of Magnetism and Magnetic Materials, 2007, 310, 796-797.	1.0	1
107	â€œUnusual Ln3+ substitutional defectsâ€: The local chemical environment of Pr3+ and Nd3+ in nanocrystalline TiO2 by Lnâ€“K edge EXAFS. Journal of Solid State Chemistry, 2007, 180, 3296-3301.	1.4	24
108	Thermoelastic behaviour of Li2VOSiO4. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s293-s294.	0.3	0

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109	Magnetism ofMg1âˆ’xMnxO4spinels by SQUID magnetometry and muon spin rotation spectroscopy. Physical Review B, 2006, 73, .	1.1	7
110	Incorporation of Trivalent Cations in Synthetic Garnets A3B5O12(A = Y, Luâˆ’La, B = Al, Fe, Ga). Journal of Physical Chemistry B, 2006, 110, 6561-6568.	1.2	28
111	New findings in Resonant X-ray Scattering investigation of KCuF3 orbital model system. Physica B: Condensed Matter, 2006, 378-380, 563-564.	1.3	1
112	Extreme undercooling (down to 90K) of liquid metal nanoparticles. Applied Physics Letters, 2006, 89, 033123.	1.5	59
113	Local structure and electronic properties in colossally magnetoresistive thin film of La0.87Na0.13MnO3 by Mn-K edge EXAFS and XANES. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 242-247.	0.6	0
114	Synthesis, 89Y and 51V-NMR of Er-doped zircon-type YVO4 and LUVO4. Journal of Solid State Chemistry, 2005, 178, 1692-1696.	1.4	7
115	Local structural properties of (Mn,Fe)Nb2O6 from MÃ¶ssbauer and X-ray absorption spectroscopy. Acta Crystallographica Section B: Structural Science, 2005, 61, 250-257.	1.8	11
116	Local Structure and Electronic Properties of the Rhombohedral and Orthorhombic Colossally Magnetoresistive Manganites La1-xNaxMnO3by Mnâˆ’K Edge EXAFS and XANES. Journal of Physical Chemistry B, 2005, 109, 4365-4372.	1.2	23
117	Local structure around Ce in the Nd $mathsf{_{2-x}}$Ce$mathsf{_{x}}$CuO $mathsf{_{4pm delta}}$ superconductor probed by EXAFS. European Physical Journal B, 2004, 41, 31-42.	0.6	6
118	NMR-NQR of orbitally ordered KCuF3. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 106-107.	1.0	5
119	Magnetic and electronic properties of La0.85Na0.15MnO3âˆ’Î´. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 417-419.	1.0	3
120	Amphoteric behaviour of Er3+dopants in BaTiO3: an Erâ€“LIIIedge EXAFS assessment. Physical Chemistry Chemical Physics, 2004, 6, 3710-3713.	1.3	23
121	Probing the initial stages of solid-state reactions by total reflection EXAFS (reflEXAFS). Nuclear Instruments & Methods in Physics Research B, 2003, 200, 421-424.	0.6	13
122	Phase separation in superconducting EuBa2Cu3O6+x. Physica B: Condensed Matter, 2003, 326, 321-324.	1.3	4
123	Magnetic transition in orbitally ordered KCuF3, K2CuF4 and heterovalently substituted compounds. Physica B: Condensed Matter, 2003, 326, 427-430.	1.3	6
124	Magnetic order and spin dynamics in substituted spinel Mg1âˆ’xMn2+xO4. Physica B: Condensed Matter, 2003, 326, 509-512.	1.3	3
125	The ReflEXAFS station at the GILDA beamline (BM08) of ESRF. Journal of Synchrotron Radiation, 2003, 10, 260-264.	1.0	53
126	Preparation, structural and magnetic characterisation of RF-sputtered La1âˆ’xNaxMnO3Â±Î´thin films manganites. Physical Chemistry Chemical Physics, 2003, 5, 2274-2278.	1.3	15

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127	Lattice Disorder, Electric Properties, and Magnetic Behavior of La1-xNaxMnO3+Î´ Manganites. Journal of Physical Chemistry B, 2003, 107, 2500-2505.	1.2	48
128	Germanium K edge in GeO2 polymorphs. Correlation between local coordination and electronic structure of germanium. Physical Chemistry Chemical Physics, 2003, 5, 1451-1456.	1.3	24
129	Do we have a probe for the initial stages of solid state reactions?. Physical Chemistry Chemical Physics, 2003, 5, 2244-2247.	1.3	13
130	Localized and itinerant electronic states at the insulatorâ€“metal transition in Y1â^'xCaxVO3+Î´: evidence from electric transport, magnetic properties and XAS spectroscopy. Physical Chemistry Chemical Physics, 2003, 5, 4691-4698.	1.3	5
131	Magnetic phase diagram ofNd1.85Ce0.15CuO4+Î´from magnetization and muon spin relaxation measurements. Physical Review B, 2003, 68, .	1.1	2
132	CHARACTERISATION OF Al DEFECTS IN SmBa2Cu3-XAlXO6+Î´ SUPERCONDUCTOR. International Journal of Modern Physics B, 2003, 17, 936-941.	1.0	3
133	ELECTRON-PHONON INTERACTION IN N-DOPED CUPRATES: AN INELASTIC X-RAY SCATTERING STUDY. International Journal of Modern Physics B, 2003, 17, 484-492.	1.0	12
134	Coupling between Spin and Orbital Degrees of Freedom inKCuF3. Physical Review Letters, 2002, 88, 106403.	2.9	83
135	Anomalous Dispersion of Longitudinal Optical Phonons inNd1.86Ce0.14CuO4+Î´Determined by Inelastic X-Ray Scattering. Physical Review Letters, 2002, 88, 167002.	2.9	92
136	Resonant x-ray scattering study of magnetic and orbital order inKCuF3. Physical Review B, 2002, 65, .	1.1	71
137	A Combined Nuclear Magnetic Resonance and X-ray Absorption Fine Structure Study on the Local Structures of Ge and Pb in PbOâ^'GeO2Glasses and Their Relationships with Thermal Properties and Devitrification Products. Journal of Physical Chemistry B, 2002, 106, 9802-9809.	1.2	18
138	Zeeman perturbed nuclear quadrupole resonance investigation of orbitally ordered KCuF3. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 935-938.	1.0	9
139	Structural and Transport Properties of Mg1â^'xMnxMn2O4Â±Î´ Spinels. Journal of Solid State Chemistry, 2002, 166, 171-176.	1.4	44
140	Resonant X-ray scattering study of KCuF3. Physica B: Condensed Matter, 2002, 312-313, 589-591.	1.3	2
141	Oxygen Diffusion in Orthopyroxene. TG study. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2002, 67, 713-720.	1.4	0
142	The Eu1+xBa2-xCu3Oy system: oxygen content, phase transitions, point defect equilibria, and charge carriers. Physical Chemistry Chemical Physics, 2001, 3, 606-612.	1.3	6
143	Computer simulation approach to reliability and accuracy in EXAFS structural determinations. Journal of Applied Crystallography, 2001, 34, 325-329.	1.9	7
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