

Francois Fauth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2138645/publications.pdf>

Version: 2024-02-01

249
papers

6,922
citations

66336

42
h-index

85537

71
g-index

258
all docs

258
docs citations

258
times ranked

7087
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidation of the redox activity of Ca ₂ MnO _{3.5} and CaV ₂ O ₄ in calcium batteries using operando XRD: charge compensation mechanism and reversibility. <i>Energy Storage Materials</i> , 2022, 47, 354-364.	18.0	7
2	Single step synthesis of W-modified LiNiO ₂ using an ammonium tungstate flux. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7841-7855.	10.3	17
3	The structural evolution, optical gap, and thermoelectric properties of the RbPb ₂ Br ₅ layered halide, prepared by mechanochemistry. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6857-6865.	5.5	4
4	Effects of Ga doping on the phase transitions of V_2O_3 . <i>Physical Review B</i> , 2022, 105, 080401.	3.2	2
5	Crystal Structure of Na ₂ V ₂ (PO ₄) ₃ , an Intriguing Phase Spotted in the Na ₃ V ₂ (PO ₄) ₃ –Na ₁ V ₂ (PO ₄) ₃ System. <i>Chemistry of Materials</i> , 2022, 34, 451-462.	6.7	31
6	An Asymmetric Sodium Extraction/Insertion Mechanism for the Fe/V-Mixed NASICON Na ₄ FeV(PO ₄) ₃ . <i>Chemistry of Materials</i> , 2022, 34, 4142-4152.	6.7	30
7	Controlling the Cathodic Potential of KVPO ₄ F through Oxygen Substitution. <i>Chemistry of Materials</i> , 2022, 34, 4523-4535.	6.7	18
8	All-Magnetic Slabs and Multiferroism in (Bi ₂ O ₂)(M ₄ F ₄) Aurivillius Oxyfluorides (M = Fe and Ni). <i>Chemistry of Materials</i> , 2022, 34, 5706-5716.	6.7	1
9	Structure and Electronic Structure Evolution of P ₂ -Na _x CoO ₂ Phases from X-ray Diffraction and ²³ Na Magic Angle Spinning Nuclear Magnetic Resonance. <i>Chemistry of Materials</i> , 2022, 34, 6431-6439.	6.7	2
10	Feasibility and Limitations of High-Voltage Lithium-Iron-Manganese Spinels. <i>Journal of the Electrochemical Society</i> , 2022, 169, 070518.	2.9	1
11	Hybrid electrons in the trimerized GaV ₄ O ₈ . <i>Materials Horizons</i> , 2021, 8, 2325-2329.	12.2	3
12	Atomistic understanding of the LiNiO ₂ –NiO ₂ phase diagram from experimentally guided lattice models. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14928-14940.	10.3	31
13	Fe ₂ Co ₂ Nb ₂ O ₉ : a magnetoelectric honeycomb antiferromagnet. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14236-14246.	5.5	8
14	Strongly reduced lattice thermal conductivity in Sn-doped rare-earth (M) filled skutterudites M _x Co ₄ Sb ₁₂ Sn _y , promoted by Sb–Sn disordering and phase segregation. <i>RSC Advances</i> , 2021, 11, 26421-26431.	3.6	5
15	$AV_2R_3Ba_2$ site ordered $R_3V_2Ba_2$		

#	ARTICLE	IF	CITATIONS
19	Enhancing the N _A O _{el} temperature in 3d/5d R ₂ NiR ₆ O ₆ (R=La, Pr and Nd) double perovskites by reducing the R ₃₊ ionic radii. <i>Acta Materialia</i> , 2021, 207, 116684.	7.9	9
20	High temperature spin-driven multiferroicity in ludwigite chromocuprate Cu ₂ CrBO ₅ . <i>Applied Physics Letters</i> , 2021, 118, 192903.	3.3	7
21	Crystal Structures and Local Environments of NASICON-Type Na ₃ FeV(PO ₄) ₃ and Na ₄ FeV(PO ₄) ₃ Positive Electrode Materials for Na-Ion Batteries. <i>Chemistry of Materials</i> , 2021, 33, 5355-5367.	6.7	37
22	Operando Synchrotron X-ray Diffraction in Calcium Batteries: Insights into the Redox Activity of 1D Ca ₃ CoMO ₆ (M = Co and Mn). <i>Energy & Fuels</i> , 2021, 35, 10898-10907.	5.1	3
23	Symmetry mode analysis of distorted polar/nonpolar structures in $A_{3-x}Sm_xBa_{1-x}Mn_{5-x}O_{10}$ perovskite. <i>Physical Review B</i> , 2021, 103, .	3.2	5
24	Extending insertion electrochemistry to soluble layered halides with superconcentrated electrolytes. <i>Nature Materials</i> , 2021, 20, 1545-1550.	27.5	25
25	Insights into the Rich Polymorphism of the Na ⁺ Ion Conductor Na ₃ PS ₄ from the Perspective of Variable-Temperature Diffraction and Spectroscopy. <i>Chemistry of Materials</i> , 2021, 33, 5652-5667.	6.7	23
26	Crystallographic and magnetic structures of the V_3O_7 and V_3O_9 perovskites. <i>Physical Review B</i> , 2021, 104, .	3.2	13
27	Determination of the Crystal Structures in the A-Site-Ordered YBaMn ₂ O ₆ Perovskite. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19467-19480.	3.1	6
28	Ferromagnetic metallic Sr-rich $Ln_{1-x}Co_x$ cobaltites with spontaneous spin rotation. <i>Physical Review B</i> , 2021, 104, .	3.2	10
29	Stacking Versatility in Alkali-Mixed Honeycomb Layered NaKNi ₂ TeO ₆ . <i>Inorganic Chemistry</i> , 2021, 60, 14310-14317.	4.0	9
30	Impact of Synthesis Conditions in Na-Rich Prussian Blue Analogues. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42682-42692.	8.0	21
31	On the lack of monoclinic distortion in the insulating regime of EuNiO ₃ and GdNiO ₃ perovskites by high-angular resolution synchrotron X-ray diffraction: a comparison with YNiO ₃ . <i>Dalton Transactions</i> , 2021, 50, 7085-7093.	3.3	5
32	Mechano-Chemical Synthesis, Structural Features and Optical Gap of Hybrid CH ₃ NH ₃ CdBr ₃ Perovskite. <i>Materials</i> , 2021, 14, 6039.	2.9	2
33	Ba _{2-x} Bi _x CoRuO ₆ (0.0 ≤ x ≤ 0.6) Hexagonal Double-Perovskite-Type Oxides as Promising p-Type Thermoelectric Materials. <i>Inorganic Chemistry</i> , 2021, 60, 17824-17836.	4.0	4
34	Cationic Ordering, Solid Solution Domain, and Diffuse Reflectance in Fe ₂ WO ₆ Polymorphs. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25907-25916.	3.1	5
35	An in situ structural study on the synthesis and decomposition of LiNiO ₂ . <i>Journal of Materials Chemistry A</i> , 2020, 8, 1808-1820.	10.3	72
36	Crystal structure features of CH ₃ NH ₃ PbI _{3-x} Br _x hybrid perovskites prepared by ball milling: a route to more stable materials. <i>CrystEngComm</i> , 2020, 22, 767-775.	2.6	24

#	ARTICLE	IF	CITATIONS
37	Anionic and Cationic Redox Processes in Li_2IrO_3 and Their Structural Implications on Electrochemical Cycling in a Li-Ion Cell. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2771-2781.	3.1	17
38	Mechanistic and Thermodynamic Insights into Anion Exchange by Green Rust. <i>Environmental Science & Technology</i> , 2020, 54, 851-861.	10.0	16
39	Enumeration as a Tool for Structure Solution: A Materials Genomic Approach to Solving the Cation-Ordered Structure of $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3$. <i>Chemistry of Materials</i> , 2020, 32, 8981-8992.	6.7	14
40	$\text{Na}_7\text{V}_3(\text{P}_2\text{O}_7)_4$ as a high voltage electrode material for Na-ion batteries: crystal structure and mechanism of Na ⁺ extraction/insertion by <i>operando</i> X-ray diffraction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 21110-21121.	10.3	13
41	From LiNiO_2 to Li_2NiO_3 : Synthesis, Structures and Electrochemical Mechanisms in Li-Rich Nickel Oxides. <i>Chemistry of Materials</i> , 2020, 32, 9211-9227.	6.7	28
42	Under Pressure: Mechanochemical Effects on Structure and Ion Conduction in the Sodium-Ion Solid Electrolyte Na_3PS_4 . <i>Journal of the American Chemical Society</i> , 2020, 142, 18422-18436.	13.7	58
43	Structural Features, Anisotropic Thermal Expansion, and Thermoelectric Performance in Bulk Black Phosphorus Synthesized under High Pressure. <i>Inorganic Chemistry</i> , 2020, 59, 14932-14943.	4.0	12
44	Relation among Oxygen Stoichiometry, Structure, and Co Valence and Spin State in Single-Layer $\text{La}_2\text{A}_x\text{CoO}_{4\pm\delta}$ (A = Ca, Sr) Perovskites. <i>Inorganic Chemistry</i> , 2020, 59, 15757-15771.	4.0	4
45	Magnetic and Intercalation Properties of BaRu_2O_6 and SrRu_2O_6 . <i>Chemistry of Materials</i> , 2020, 32, 8471-8480.	6.7	6
46	Electronic and Magnetic Properties of Cation Ordered $\text{Sr}_2\text{Mn}_{2.23}\text{Cr}_{0.77}\text{As}_2\text{O}_2$. <i>Inorganic Chemistry</i> , 2020, 59, 7553-7560.	4.0	4
47	The effect of gallium substitution on the structure and electrochemical performance of LiNiO_2 in lithium-ion batteries. <i>Materials Advances</i> , 2020, 1, 639-647.	5.4	23
48	Magnetic phase diagram for $\text{Fe}_3\text{Mn}_x\text{BO}_5$. <i>Physical Review B</i> , 2020, 101, .	3.2	10
49	Experimental corroboration of the thermoelectric performance of Bi_2PdO_4 oxide and Pb-doped derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5509-5516.	5.5	6
50	Original Layered $\text{OP}_4(\text{Li,Na})\text{CoO}_2$ Phase: Insights on Its Structure, Electronic Structure, and Dynamics from Solid State NMR. <i>Inorganic Chemistry</i> , 2020, 59, 5339-5349.	4.0	7
51	Original Network of Zigzag Chains in the β Polymorph of Fe_2WO_6 : Crystal Structure and Magnetic Ordering. <i>Inorganic Chemistry</i> , 2020, 59, 9798-9806.	4.0	4
52	Redox Chemistry and Reversible Structural Changes in Rhombohedral VO_2F Cathode during Li Intercalation. <i>Inorganic Chemistry</i> , 2020, 59, 10048-10058.	4.0	1
53	Unveiling the Correlation between the Crystalline Structure of M^{II} -Filled CoSb_3 (M = Y, K). <i>Journal of Materials Chemistry C</i> , 2020, 30, 2001651.	14.9	31
54	Octupolar versus Néel Order in Cubic $\text{A}_2\text{B}_2\text{O}_8$ Double Perovskites. <i>Physical Review Letters</i> , 2020, 124, 087206.	8.8	28

#	ARTICLE	IF	CITATIONS
55	Probing Al Distribution in LiCo _{0.96} Al _{0.04} O ₂ Materials Using ⁷ Li, ²⁷ Al, and ⁵⁹ Co MAS NMR Combined with Synchrotron X-ray Diffraction. <i>Inorganic Chemistry</i> , 2020, 59, 2890-2899.	4.0	6
56	Lack of linear magnetoelectric effect in ferrimagnetic distorted honeycomb Ni ₄ Nb ₂ O ₉ . <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	11
57	Structural Polymorphism in Na ₄ Zn(PO ₄) ₂ Driven by Rotational Order–Disorder Transitions and the Impact of Heterovalent Substitutions on Na-Ion Conductivity. <i>Inorganic Chemistry</i> , 2020, 59, 6528-6540.	4.0	7
58	Magnetic properties of Cr-substituted μ -(Fe _{1-x} Cr _x) ₂ O ₃ nanoparticles with epsilon structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 506, 166764.	2.3	7
59	Structural evolution across the metal-insulator transition of strongly distorted Lu _{1-x} Sc _x NiO ₃ perovskites (x = 0, 0.1, 0.2). <i>Materials Research Express</i> , 2020, 7, 126301.	1.6	0
60	Redox Paradox of Vanadium in Tavorite LiVPO ₄ F _{1-y} O _y . <i>Chemistry of Materials</i> , 2019, 31, 7367-7376.	6.7	12
61	Experimental Observation of Monoclinic Distortion in the Insulating Regime of SmNiO ₃ by Synchrotron X-ray Diffraction. <i>Inorganic Chemistry</i> , 2019, 58, 11828-11835.	4.0	14
62	Mn ₂ TeO ₆ : Complex antiferromagnetism as a consequence of the Jahn-Teller distortion. <i>Physical Review B</i> , 2019, 100, .	3.2	2
63	Insights into Polymorphism of Lithium Manganese Oxide, Li _{0.95} Mn _{2.05} O ₄ : A Comprehensive Survey of the High-Pressure Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19288-19297.	3.1	3
64	A New Superionic Plastic Polymorph of the Na ⁺ Conductor Na ₃ PS ₄ . , 2019, 1, 641-646.		50
65	Aluminum substitution for vanadium in the Na ₃ V ₂ (PO ₄) ₂ F ₃ and Na ₃ V ₂ (PO ₄) ₂ FO ₂ type materials. <i>Chemical Communications</i> , 2019, 55, 11719-11722.	4.1	45
66	Monitoring the Crystal Structure and the Electrochemical Properties of Na ₃ (VO) ₂ (PO ₄) ₂ F through Fe ³⁺ Substitution. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38808-38818.	8.0	28
67	Negative Thermal Expansion in Nanostructured Intermediate-Valence YbAl ₃ . <i>IEEE Magnetics Letters</i> , 2019, 10, 1-5.	1.1	0
68	In Situ Raman Spectroscopy on Silicon Nanowire Anodes Integrated in Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2019, 166, A5378-A5385.	2.9	42
69	New insights into the breathing phenomenon in ZIF-4. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14552-14558.	10.3	15
70	Exploring the rate dependence of phase evolution in P2-type Na _{2/3} Mn _{0.8} Fe _{0.1} Ti _{0.1} O ₂ . <i>Journal of Materials Chemistry A</i> , 2019, 7, 12115-12125.	10.3	15
71	Stability in water and electrochemical properties of the Na ₃ V ₂ (PO ₄) ₂ F ₃ – Na ₃ (VO) ₂ (PO ₄) ₂ F solid solution. <i>Energy Storage Materials</i> , 2019, 20, 324-334.	18.0	45
72	Magnetostructural behavior in the non-centrosymmetric compound Nd ₇ Pd ₃ . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 265801.	1.8	4

#	ARTICLE	IF	CITATIONS
73	Substantial thermal conductivity reduction in mischmetal skutterudites $\text{Mm}_{x}\text{Co}_{4}\text{Sb}_{12}$ prepared under high-pressure conditions, due to uneven distribution of the rare-earth elements. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4124-4131.	5.5	21
74	BiMnTeO_{6} : A multiaxis Ising antiferromagnet. <i>Physical Review B</i> , 2019, 100, .	10.2	1
75	A NASICON-type Positive Electrode for Na Batteries with High Energy Density: $\text{Na}_{4}\text{MnV}(\text{PO}_{4})_{3}$. <i>Small Methods</i> , 2019, 3, 1800218.	8.6	121
76	Influence of Temperature-Driven Polymorphism and Disorder on Ionic Conductivity in $\text{Li}_{6}\text{Zn}(\text{P}_{2}\text{O}_{7})_{2}$. <i>Inorganic Chemistry</i> , 2019, 58, 1774-1781.	4.0	10
77	High Rate Performance for Carbon-coated $\text{Na}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{3}$ in Na-ion Batteries. <i>Small Methods</i> , 2019, 3, 1800215.	8.6	92
78	Methane hydrates: Nucleation in microporous materials. <i>Chemical Engineering Journal</i> , 2019, 360, 569-576.	12.7	59
79	In Operando Synchrotron Diffraction and X-ray Absorption Spectroscopy Investigations of Orthorhombic V_{2}O_{5} Nanowires as Cathode Materials for Mg-ion Batteries. <i>Journal of the American Chemical Society</i> , 2019, 141, 2305-2315.	13.7	69
80	Crystal Growth, Structural Phase Transitions, and Optical Gap Evolution of $\text{CH}_{3}\text{NH}_{3}\text{Pb}(\text{Br}_{1-x}\text{I}_{x})\text{Cl}_{3}$ Perovskites. <i>Crystal Growth and Design</i> , 2019, 19, 918-924.	3.0	22
81	Disclosing odd symmetry, strain driven magnetic response of Co on Pt/PMN-PT (0% λ 1%). <i>Journal of Physics Condensed Matter</i> , 2019, 31, 084003.	1.8	1
82	Verification of the de Wolff hypothesis concerning the symmetry of $\hat{\Gamma}^2\text{-MnO}_{2}$. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, 889-901.	0.1	6
83	$\text{Na}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{3}$ framework. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10340-10347.	2.4	2
84	$\hat{\Gamma}^2\text{-Na}_{1.7}\text{IrO}_{3}$: A Tridimensional Na-ion Insertion Material with a Redox Active Oxygen Network. <i>Chemistry of Materials</i> , 2018, 30, 3285-3293.	6.7	22
85	$\text{Ag}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{3}$, a new compound obtained by $\text{Ag}^{+}/\text{Na}^{+}$ ion exchange into the $\text{Na}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{3}$ framework. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10340-10347.	10.3	12
86	Tunable Magnetism in Nanoporous CuNi Alloys by Reversible Voltage-driven Element-selective Redox Processes. <i>Small</i> , 2018, 14, e1704396.	10.0	16
87	Methane hydrate formation in the confined nanospace of activated carbons in seawater environment. <i>Microporous and Mesoporous Materials</i> , 2018, 255, 220-225.	4.4	37
88	Low thermal conductivity in La-filled cobalt antimonide skutterudites with an inhomogeneous filling factor prepared under high-pressure conditions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 118-126.	10.3	30
89	Temperature Dependence of Structural and Transport Properties for $\text{Na}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{3}$ and $\text{Na}_{3}\text{V}_{2}(\text{PO}_{4})_{2}\text{F}_{2.5}\text{O}_{0.5}$. <i>Chemistry of Materials</i> , 2018, 30, 358-365.	6.7	37
90	Electrochemical behavior of $\text{LiV}_{3}\text{O}_{8}$ positive electrode in hybrid Li,Na-ion batteries. <i>Journal of Power Sources</i> , 2018, 373, 1-10.	7.8	15

#	ARTICLE	IF	CITATIONS
91	Positive and negative monoclinic deformation of corundum-type trigonal crystal structures of M_2O_3 metal oxides. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 660-672.	1.1	13
92	Synthesis, Structure, and Physical Properties of the Polar Magnet $DyCrWO_6$. Inorganic Chemistry, 2018, 57, 12827-12835.	4.0	20
93	Equation of State and Amorphization of $Ca_9R(VO_4)_7$ (R = La, Nd). Tj ETQq1 1 0.784314 rgBT 4.0 5	4.0	5
94	Thermal Conductivity Reduction by Fluctuation of the Filling Fraction in Filled Cobalt Antimonide Skutterudite Thermoelectrics. ACS Applied Energy Materials, 2018, 1, 6181-6189.	5.1	15
95	On the dynamics of transition metal migration and its impact on the performance of layered oxides for sodium-ion batteries: $NaFeO_2$ as a case study. Journal of Materials Chemistry A, 2018, 6, 15132-15146.	10.3	64
96	$LiVPO_4F$ "y" Type Compositions: Influence of the Concentration of Vanadyl-Type Defects on the Structure and Electrochemical Performance. Chemistry of Materials, 2018, 30, 5682-5693.	6.7	21
97	V^{IV} Disproportionation Upon Sodium Extraction From $Na_3V_2(PO_4)_2F_3$ Observed by Operando X-ray Absorption Spectroscopy and Solid-State NMR. Journal of Physical Chemistry C, 2017, 121, 4103-4111.	3.1	61
98	Structural and electrochemical studies of novel $Na_7V_3Al(PO_4)_4(PO_4)$ and $Na_7V_2Al_2(P_2O_7)_4(PO_4)$ high-voltage cathode materials for Na-ion batteries. Journal of Materials Chemistry A, 2017, 5, 14365-14376.	10.3	34
99	In operando X-ray diffraction of lithium "oxygen batteries using an ionic liquid as an electrolyte co-solvent. New Journal of Chemistry, 2017, 41, 7267-7272.	2.8	4
100	Unveiling a New High-Temperature Ordered Magnetic Phase in μ - Fe_2O_3 . Chemistry of Materials, 2017, 29, 9705-9713.	6.7	47
101	Ordering kinetics evaluation of FeAl powders. Intermetallics, 2017, 91, 78-85.	3.9	7
102	Understanding the breathing phenomena in nano-ZIF-7 upon gas adsorption. Journal of Materials Chemistry A, 2017, 5, 20938-20946.	10.3	50
103	Electronic, spin-state, and magnetic transitions in $Ba_2Co_9O_{14}$ investigated by x-ray spectroscopies and neutron diffraction. Physical Review B, 2017, 95, .	3.2	2
104	Coexistence of G - and C -type orbital ordered phases and its correlation with magnetization reversal in YVO_3 . Physical Review B, 2017, 95, 040407.	3.2	13
105	Coexistence of conversion and intercalation mechanisms in lithium ion batteries: Consequences for microstructure and interaction between the active material and electrolyte. International Journal of Materials Research, 2017, 108, 971-983.	0.3	3
106	Vanadyl-type defects in Tavorite-like $NaVPO_4F$: from the average long range structure to local environments. Journal of Materials Chemistry A, 2017, 5, 25044-25055.	10.3	32
107	Elucidating the Methylammonium (MA) Conformation in $MAPbBr_3$ Perovskite with Application in Solar Cells. Inorganic Chemistry, 2017, 56, 14214-14219.	4.0	64
108	Ordered aeschynite-type polar magnets $RFeWO_6$ () Tj ETQqO 0,0 rgBT /Oyerlock 10 3,2 34	3.2	34

#	ARTICLE	IF	CITATIONS
109	Sodium vanadium titanium phosphate electrode for symmetric sodium-ion batteries with high power and long lifespan. <i>Nature Communications</i> , 2017, 8, 15888.	12.8	188
110	Extra-low thermal conductivity in unfilled CoSb_3 skutterudite synthesized under high-pressure conditions. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	22
111	Controlling magnetic sublattices in heterometallic ludwigite Fe_3MnBO_5 . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1019-C1019.	0.1	0
112	High Performance of Gas Hydrates in Confined Nanospace for Reversible CH_4/CO_2 Storage. <i>Chemistry - A European Journal</i> , 2016, 22, 10028-10035.	3.3	19
113	In Situ Time-Resolved Observation of the Development of Intracrystalline Mesoporosity in USY Zeolite. <i>Chemistry of Materials</i> , 2016, 28, 8971-8979.	6.7	35
114	Localised Ag^+ vibrations at the origin of ultralow thermal conductivity in layered thermoelectric AgCrSe_2 . <i>Scientific Reports</i> , 2016, 6, 23415.	3.3	34
115	A compact and versatile dynamic flow cryostat for photon science. <i>Review of Scientific Instruments</i> , 2016, 87, 115103.	1.3	16
116	Strong Impact of the Oxygen Content in $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3$ ($0 \leq x \leq 0.5$) on Its Structural and Electrochemical Properties. <i>Chemistry of Materials</i> , 2016, 28, 7683-7692.	6.7	126
117	The influence of cycling temperature and cycling rate on the phase specific degradation of a positive electrode in lithium ion batteries: A post mortem analysis. <i>Journal of Power Sources</i> , 2016, 327, 714-725.	7.8	40
118	Magnetodielectric effects in cation-ordered chromate spinels LiM_2C_6 . <i>Chemistry of Materials</i> , 2016, 28, 7693-7702.	3.2	26
119	Magneto-electro and structural properties of $\text{Y}_2\text{CoMn}_6\text{O}_{12}$: The Crystallographic phase coexistence, spin-orbital order transitions, and spontaneous spin flop in $\text{Y}_2\text{CoMn}_6\text{O}_{12}$. <i>Physical Review B</i> , 2016, 93, .	3.2	45
120	Oxidation under Air of Tavorite LiVPO_4F : Influence of Vanadyl-Type Defects on Its Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26187-26198.	3.1	23
121	Structural and electrochemical studies of a new Tavorite composition: LiVPO_4OH . <i>Journal of Materials Chemistry A</i> , 2016, 4, 11030-11045.	10.3	19
122	A novel high-throughput setup for <i>in situ</i> powder diffraction on coin cell batteries. <i>Journal of Applied Crystallography</i> , 2016, 49, 340-345.	4.5	68
123	Paving the way for methane hydrate formation on metal-organic frameworks (MOFs). <i>Chemical Science</i> , 2016, 7, 3658-3666.	7.4	103
124	Advances in the X-ray rotation-tilt technique. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s417-s417.	0.1	0
125	Hydration of C4AF in the presence of other phases: A synchrotron X-ray powder diffraction study. <i>Construction and Building Materials</i> , 2015, 101, 818-827.	7.2	39

#	ARTICLE	IF	CITATIONS
127	Ruthenium Effect on Formation Mechanism and Structural Characteristics of $\text{LaCo}_{1-x}\text{Ru}_x\text{O}_3$ Perovskites and Its Influence on Catalytic Performance for Hydrocarbon Oxidative Reforming. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16708-16723.	3.1	6
128	Comprehensive Investigation of the $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3$ \leftrightarrow $\text{NaV}_2(\text{PO}_4)_2$ System by Operando High Resolution Synchrotron X-ray Diffraction. <i>Chemistry of Materials</i> , 2015, 27, 3009-3020.	6.7	217
129	The crystallography stations at the Alba synchrotron. <i>European Physical Journal Plus</i> , 2015, 130, 1.	2.6	96
130	Spinel materials for Li-ion batteries: new insights obtained by <i>operando</i> neutron and synchrotron X-ray diffraction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 688-701.	1.1	41
131	Influence of Iron on the Structural Evolution of $\text{LiNi}_{0.4}\text{Fe}_{0.2}\text{Mn}_{1.4}\text{O}_4$ during Electrochemical Cycling Investigated by <i>in situ</i> Powder Diffraction and Spectroscopic Methods. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> . 2014. 640. 3118-3126.	1.2	18
132	$\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3$ Revisited: A High-Resolution Diffraction Study. <i>Chemistry of Materials</i> , 2014, 26, 4238-4247.	6.7	193
133	In-situ early-age hydration study of sulfobelite cements by synchrotron powder diffraction. <i>Cement and Concrete Research</i> , 2014, 56, 12-19.	11.0	52
134	The new Material Science Powder Diffraction beamline at ALBA Synchrotron. <i>Powder Diffraction</i> , 2013, 28, S360-S370.	0.2	307
135	Characterisation of skin states by non-crystalline diffraction. <i>Soft Matter</i> , 2011, 7, 8605.	2.7	13
136	Further Characterization of the $[\text{FeFe}]\text{-Hydrogenase Maturase HydG}$. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1121-1127.	2.0	23
137	Extraordinary Magnetic Field Effect in Bent-Core Liquid Crystals. <i>Physical Review Letters</i> , 2011, 107, 207801.	7.8	62
138	Spark plasma sintering of self-doped alumina powders. <i>International Journal of Materials Research</i> , 2010, 101, 106-111.	0.3	0
139	Finite size effects in multilayered polymer systems: Development of PET lamellae under physical confinement. <i>Polymer</i> , 2010, 51, 4530-4539.	3.8	20
140	Structural changes induced by deformation in an ethylene (vinyl alcohol) copolymer: simultaneous measurements of uniaxial stretching and <i>in situ</i> wide-angle X-ray scattering. <i>Polymer International</i> , 2010, 59, 1141-1147.	3.1	0
141	Enhancement of antiferromagnetic coupling in magnetic multilayers by low energy ion beam substrate nanopatterning. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 224024.	1.8	5
142	Segregation Tendency in Layered Aluminum-Substituted Lithium Nickel Oxides. <i>Chemistry of Materials</i> , 2009, 21, 1051-1059.	6.7	47
143	Determination of frustrated and non-frustrated magnetic structures of hexagonal and orthorhombic TbPdAl . <i>Journal of Alloys and Compounds</i> , 2009, 477, 16-22.	5.5	10
144	Surface and bulk residual stresses in $\text{Li}_2\text{O}\cdot 2\text{SiO}_2$ glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 2307-2317.	3.1	42

#	ARTICLE	IF	CITATIONS
145	Magnetic structure of hematite nanostructured in a porous glass. <i>Solid State Communications</i> , 2007, 141, 178-182.	1.9	14
146	Volume contraction and resistivity drop at the Jahn-Teller transition in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review B</i> , 2006, 73, .	3.2	13
147	Low-temperature phase transition in nanostructured MnO embedded within the channels of MCM-41-type matrices. <i>Physical Review B</i> , 2006, 74, .	3.2	5
148	Diffraction studies of the crystalline and magnetic structures of $\gamma\text{-Fe}_2\text{O}_3$ iron oxide nanostructured in porous glass. <i>JETP Letters</i> , 2006, 83, 298-301.	1.4	13
149	Formation and crystallographical structure of hydroxysulphate and hydroxycarbonate green rusts synthesised by coprecipitation. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1016-1019.	4.0	38
150	Crystal Structure of Stoichiometric $\text{YBa}_2\text{Fe}_3\text{O}_8$. <i>ChemInform</i> , 2006, 37, no.	0.0	0
151	High-resolution x-ray diffraction study of MnO nanostructured within a MCM-48 silica matrix with a gyroidal system of channels. <i>Physical Review B</i> , 2006, 74, .	3.2	4
152	Volume collapse at the Jahn-Teller transition in LaMnO_3 . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c14-c14.	0.3	0
153	$\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{0.97}\text{Ga}_{0.03}\text{O}_3$, a strongly strained system due to the coexistence of two orbital ordered phases at low temperature. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1652-1660.	2.9	15
154	The materials science beamline at the Swiss Light Source: design and realization. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 540, 42-67.	1.6	81
155	YBaMnCoO_5 : Neither Valence Mixed nor Charge Ordered. <i>ChemInform</i> , 2005, 36, no.	0.0	0
156	Nonlinear effects and Joule heating in I-V curves in manganites. <i>Journal of Applied Physics</i> , 2005, 98, 023911.	2.5	51
157	Temperature dependence of the crystal structure and charge ordering in Yb_4As_3 . <i>Physical Review B</i> , 2005, 71, .	3.2	18
158	Crystal Structure of Stoichiometric $\text{YBa}_2\text{Fe}_3\text{O}_8$. <i>Inorganic Chemistry</i> , 2005, 44, 8170-8172.	4.0	27
159	Correlation between magnetic and electronic properties of the perovskite $\text{HoBaCo}_2\text{O}_5$. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 3361-3369.	1.8	0
160	Crystal structure of new Li^+ ion conducting perovskites: $\text{Li}_2\text{xCa}_{0.5-x}\text{TaO}_3$ and $\text{Li}_{0.2}[\text{Ca}_{1-y}\text{Sry}]_{0.4}\text{TaO}_3$. <i>Solid State Sciences</i> , 2004, 6, 923-929.	3.2	8
161	YBaMnCoO_5 ; neither valence mixed nor charge ordered. <i>Solid State Sciences</i> , 2004, 6, 1195-1204.	3.2	22
162	Crystal Structure of New Li^+ Ion Conducting Perovskites: $\text{Li}_2\text{xCa}_{0.5-x}\text{TaO}_3$ and $\text{Li}_{0.2}[\text{Ca}_{1-y}\text{Sry}]_{0.4}\text{TaO}_3$. <i>ChemInform</i> , 2004, 35, no.	0.0	0

#	ARTICLE	IF	CITATIONS
163	Volume collapse in LaMnO ₃ caused by an orbital order-disorder transition. <i>Physical Review B</i> , 2003, 68, .	3.2	89
164	Role of the A-site cations on the magnetic structures and transport properties in the Nd _{0.7} Ba _{0.3} Y _{1-x} MnO ₃ (0 ≤ x ≤ 0.2) perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 264, 2.3 221-233.		18
165	Thermal, structural and transport properties of the fast oxide-ion conductors La _{2-x} R _x Mo ₂ O ₉ (R=Nd, Y, Tb, Dy, Ho). <i>Journal of Solid State Chemistry</i> , 2003, 172, 1-10.	2.7	172
166	Neutron scattering evidence for magnetic-field-driven abrupt magnetic and structural transitions in a phase-separated manganite. <i>Physical Review B</i> , 2003, 68, .	3.2	43
167	Direct Observation of Charge Order in an Epitaxial NdNiO ₃ Film. <i>Physical Review Letters</i> , 2002, 88, 126402.	7.8	211
168	Spin-state ordered clusters in the perovskite NdBaCo ₂ O _{5.47} . <i>Physical Review B</i> , 2002, 66, .	3.2	117
169	Phase analysis and atom distribution in the Zr(V _{0.5} Ni _{0.5}) ₃ D _x (x=0,4,6) alloy system with Laves-type AB ₂ structure. <i>Journal of Alloys and Compounds</i> , 2002, 333, 99-102.	5.5	2
170	Charge order and crystal structure below the first-order "metal-insulator" transition in Yb ₄ As ₃ . <i>Physica B: Condensed Matter</i> , 2002, 318, 284-288.	2.7	5
171	Charge, orbital and spin-state ordering in the perovskite-based cobaltites RBaCo ₂ O _{5+d} (0 ≤ d ≤ 1). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c207-c207.	0.3	0
172	Evidence of intermediate spin state of Co ³⁺ and Co ⁴⁺ ions in LaBaCo ₂ O ₆ . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c340-c340.	0.3	0
173	Intermediate spin state of Co ³⁺ and Co ⁴⁺ ions in La _{0.5} Ba _{0.5} CoO ₃ evidenced by Jahn-Teller distortions. <i>Physical Review B</i> , 2001, 65, .	3.2	130
174	Interplay of structural, magnetic and transport properties in the layered Co-based perovskite LnBaCo ₂ O ₅ (Ln = Tb, Dy, Ho). <i>European Physical Journal B</i> , 2001, 21, 163-174.	1.5	115
175	Low-temperature deuterium ordering in the cubic Laves phase derivative \hat{I}_{\pm} -ZrCr ₂ D _{0.66} . <i>Journal of Alloys and Compounds</i> , 2001, 327, L4-L9.	5.5	24
176	Co(NH ₃) ₂ Cl ₂ and Co(ND ₃) ₂ Cl ₂ : Order-Disorder Behaviour of N(H, D) ₃ and Antiferromagnetic Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 2063.	1.2	5
177	Neutron and X-ray diffraction study of superstructure and localized magnetic moments in Cu _{0.5} Fe _{0.5} Cr ₂ S ₄ and Cu _{0.5} In _{0.5} Cr ₂ S ₄ compounds. <i>Crystallography Reports</i> , 2001, 46, 21-25.	0.6	1
178	M1-site occupancy in 3T and 2M1 phengites by low temperature neutron powder diffraction: reality or artefact?. <i>European Journal of Mineralogy</i> , 2001, 13, 1071-1078.	1.3	26
179	Direct observation of 1-dimensional charge order below the first-order "metal-insulator" transition in Yb ₄ As ₃ . <i>Physics Letters</i> , 2001, 53, 72-78.	2.0	13
180	Optical, synchrotron X-ray and neutron diffraction investigations of structural changes in the layered compound K ₂ Na[Ag(CN) ₂] ₃ . <i>Solid State Communications</i> , 2000, 114, 155-160.	1.9	5

#	ARTICLE	IF	CITATIONS
181	Neutron diffraction study of a Nd ₃ Pd ₂₀ Ge ₆ sample with three successive magnetic phase transitions. Physica B: Condensed Matter, 2000, 281-282, 155-157.	2.7	1
182	Rhombohedral distortion in the new disordered LaBaCo ₂ O ₆ perovskite. Physica B: Condensed Matter, 2000, 276-278, 254-255.	2.7	24
183	Magnetic ordering in the erbium honeycomb lattices of ErX ₃ (X=Cl, Br, I). Physica B: Condensed Matter, 2000, 276-278, 674-675.	2.7	0
184	The magnetic properties of Pr in the Pb ₂ Sr ₂ PrCu ₃ O ₈ + δ cuprate. Physica C: Superconductivity and Its Applications, 2000, 333, 13-22.	1.2	2
185	Peculiarities of crystal structure and crystal-field excitations in $\text{AlSr}_2\text{RCu}_2\text{O}_7$ (R=Y, Er). Physica C: Superconductivity and Its Applications, 2000, 334, 55-63.	1.2	1
186	Towards microstrip detectors for synchrotron powder diffraction facilities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 439, 138-146.	1.6	6
187	Triangular antiferromagnetic order in the honeycomb layer lattice of. European Physical Journal B, 2000, 18, 39-47.	1.5	3
188	Antiferromagnetic rare-earth ordering in the intermetallic compounds R ₂ Pd ₂ In (R = Pr, Nd). Journal of Physics Condensed Matter, 2000, 12, 7089-7098.	1.8	15
189	Charge ordering in the layered Co-based perovskite HoBaCo ₂ O ₅ . Physical Review B, 2000, 61, R11871-R11874.	3.2	139
190	A new hexagonal Laves phase deuteride CeMn _{1.5} Al _{0.5} D _x (0 < x < 4). Journal of Alloys and Compounds, 2000, 306, 203-218.	5.5	13
191	Sample quality and the magnetic phase transitions in Nd ₃ Pd ₂₀ Ge ₆ : a neutron diffraction study. Journal of Alloys and Compounds, 2000, 306, 40-46.	5.5	9
192	Effect of nonstoichiometry on the transition from ferromagnetism to antiferromagnetism in the ternary indides Ce _{1.95} Pd _{2+2x} In _{1-x} and Ce _{2+x} Pd _{1.85} In _{1-x} . Physical Review B, 2000, 61, 4044-4053.	3.2	45
193	Low-temperature antiferromagnetic moments at the 4a site in Ce ₃ Pd ₂₀ Ge ₆ . Journal of Physics Condensed Matter, 2000, 12, 9441-9451.	1.8	22
194	Charge ordering in the layered perovskites LnBaCo ₂ O ₅ (Ln = Ho, Tb). Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s384-s384.	0.3	0
195	The future powder diffraction station at the swiss synchrotron facility (SLS). Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s223-s223.	0.3	0
196	Photoinduced crystallographic transition in the gmr like perovskite compound Nd _{0.7} Ca _{0.3} MnO ₃ . Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s385-s385.	0.3	0
197	Difficulty of probing the superconducting gap with relaxation measurements on 4f crystal-field transitions with neutron scattering. Journal of Physics Condensed Matter, 1999, 11, L59-L64.	1.8	4
198	Noncollinear two- and three-dimensional magnetic ordering in the honeycomb lattices of ErX ₃ (X=Cl, Br, I). Physical Review B, 1999, 60, R3724-R3727.	3.2	12

#	ARTICLE	IF	CITATIONS
199	Antiferromagnetic ordering in the cubic superconductor YbPd ₂ Sn. <i>Physica B: Condensed Matter</i> , 1999, 259-261, 705-706.	2.7	17
200	Giant Oxygen Isotope Effect on the Metal-Insulator Transition of RNiO ₃ Perovskites. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 189-191.	0.5	1
201	Magnetic ordering of TbFe ₄ Al ₈ studied by neutron diffraction.I. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 202, 410-425.	2.3	19
202	Crystalline electric field of the rare-earth nickelates RNiO ₃ (R=Pr, Nd, Sm, Eu). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (andPr1âˆ™x 14857-14867.</i>	3.2	29
203	Neutron diffraction study of the location of deuterium in the deuterium-stabilized HfTi ₂ D ₄ phase. <i>Journal of Alloys and Compounds</i> , 1999, 282, 184-186.	5.5	10
204	Hydrogen order in monoclinic ZrCr ₂ H ₃ . <i>Journal of Alloys and Compounds</i> , 1999, 285, 204-211.	5.5	30
205	Evidence for an isostructural phase transition in the metastable high-temperature modification of TbPdAl. <i>Journal of Alloys and Compounds</i> , 1999, 289, 11-17.	5.5	38
206	A neutron diffraction investigation into the rhombohedral phases of the perovskite series. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 6251-6269.	1.8	161
207	The double nature of the ErNiSi ₂ magnetic structure neutron diffraction and magnetic measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 189, 214-224.	2.3	11
208	Magnetic Structures of the Rare-Earth Platinum Aluminides RPtAl (R=Ce, Pr, Nd). <i>Journal of Solid State Chemistry</i> , 1998, 140, 233-241.	2.9	28
209	The Fe ordering in RFe ₆ Ge ₆ compounds with non-magnetic R (R=Y, Lu, Hf) studied by neutron diffraction and magnetic measurements. <i>Journal of Alloys and Compounds</i> , 1998, 267, 59-65.	5.5	24
210	On the magnetic ordering of R ₆ Fe ₁₃ X compounds. <i>Journal of Alloys and Compounds</i> , 1998, 280, 44-55.	5.5	19
211	Magnetic order and crystal-field excitations in. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 7219-7229.	1.8	20
212	Cooling by adiabatic pressure application in Pr _{1-x} LaxNiO ₃ . <i>Applied Physics Letters</i> , 1998, 73, 1056-1058.	3.3	60
213	Giant O ¹⁶ /O ¹⁸ Isotope Effect on the Metal-Insulator Transition of RNiO ₃ Perovskites (R=Rare Earth). <i>Physical Review Letters</i> , 1998, 80, 2397-2400.	7.8	142
214	Long-range antiferromagnetic order in quasi-one-dimensional Ca _{0.83} CuO ₂ and Sr _{0.73} CuO ₂ . <i>Physical Review B</i> , 1998, 58, 14452-14455.	3.2	22
215	Neutron-diffraction study of the magnetic and orbital ordering in SmNiO ₃ and EuNiO ₃ . <i>Physical Review B</i> , 1998, 57, 456-464.	3.2	135
216	Importance of the magnetic ground state of Pr for T _c suppression in high-T _c superconductors. <i>Europhysics Letters</i> , 1997, 39, 663-668.	2.0	12

#	ARTICLE	IF	CITATIONS
217	New tetragonal metal hydrides BaMg ₂ TH ₈ (T = Ru, Os) containing octahedral [TH ₆]4 ²⁻ complex anions and hydride anions. Journal of Alloys and Compounds, 1997, 248, 13-17.	5.5	17
218	Magnetic ordering of TbNi ₃ Ga ₂ studied by neutron diffraction and magnetic measurements. Journal of Alloys and Compounds, 1997, 252, 16-19.	5.5	12
219	Uniaxial antiferromagnetic ordering in HoNiSi ₂ . A neutron and magnetic study. Journal of Alloys and Compounds, 1997, 252, 50-52.	5.5	8
220	Neutron diffraction study of deuterium ordering in C15 type TaV ₂ D _x (x>1) in the temperature range of 1.5-295 K. Journal of Alloys and Compounds, 1997, 253-254, 282-285.	5.5	24
221	CeMnAlH _x , a new metal hydride. Journal of Alloys and Compounds, 1997, 261, 263-268.	5.5	11
222	Neutron crystal-field spectroscopy of RNi ₂ B ₂ C (R = Ho, Er, Tm). Zeitschrift für Physik B-Condensed Matter, 1997, 101, 345-352.	1.1	71
223	Transport, magnetic and thermodynamic properties of REPd ₂ Ga ₃ , RE = Pr, Nd, Sm. Zeitschrift für Physik B-Condensed Matter, 1997, 102, 291-298.	1.1	5
224	Magnetic properties of NdPtAl. Physica B: Condensed Matter, 1997, 234-236, 644-646.	2.7	0
225	Neutron investigation of Nd ₂ ^x Y _{1-x} Ce _x La _{1-x} CuO ₄ (0 ≤ x ≤ 0.2; y = 0.5, 1). Physica B: Condensed Matter, 1997, 234-236, 812-814.	2.7	2
226	Neutron powder diffraction study of the infinite-layer compounds Sr _{1-x} Nd _x CuO ₂ . Physica B: Condensed Matter, 1997, 234-236, 818-820.	2.7	3
227	Magnetic properties of Tb doped in YBa ₂ Cu ₃ O _x . Physica B: Condensed Matter, 1997, 234-236, 841-842.	2.7	5
228	Magnetic structure of two- and three-dimensional supramolecular compounds. Physica B: Condensed Matter, 1997, 234-236, 783-784.	2.7	14
229	Antiparallel ordering of Mn and Nd magnetic moments in Nd _{0.7} Ba _{0.3} MnO ₃ . Physica B: Condensed Matter, 1997, 241-243, 427-429.	2.7	15
230	Magnetic properties of PrPdAl and NdPdAl. Physica B: Condensed Matter, 1997, 241-243, 660-662.	2.7	7
231	Evidence for electron-lattice coupling in RNiO ₃ perovskites. Physica B: Condensed Matter, 1997, 241-243, 751-757.	2.7	8
232	Triagonal Ba ₇ Cu ₃ H ₁₇ containing tetrahedral [Cu(I)H ₄] ³⁻ anions. Journal of Alloys and Compounds, 1996, 244, L1-L4.	5.5	14
233	Neutron crystal-field spectroscopy of RNi ₂ B ₂ C (R=Ho, Er, Tm). European Physical Journal D, 1996, 46, 821-822.	0.4	2
234	New elaboration technique, structure and physical properties of infinite-layer Sr _{1-x} Ln _x CuO ₂ (Ln = Nd, Er, Tm). Journal of Applied Physics, 1997, 81, 1241-1243.	1.2	16

#	ARTICLE	IF	CITATIONS
235	A new mercury-based high-Tc cuprate $\text{Hg}_{0.7}\text{V}_{0.3}\text{Sr}_{2-x}\text{La}_x\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 1996, 264, 145-153.	1.2	23
236	Neutron investigation of $\text{Nd}_{2-x}\text{Ce}_x\text{La}_y\text{CuO}_4$ ($0 \leq x \leq 0.2$; $y=0.5, 1$). Journal of Low Temperature Physics, 1996, 105, 1487-1492.	1.4	4
237	The influence of Ca doping on the crystal structure and superconductivity of orthorhombic. Journal of Physics Condensed Matter, 1996, 8, 8889-8905.	1.8	46
238	Neutron spectroscopy in $\text{ErBa}_2\text{Cu}_3\text{O}_x$ ($6 \leq x \leq 7$) and $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ ($0 \leq x \leq 0.2$): Charge transfer, cluster formation and percolative superconductivity. Physica B: Condensed Matter, 1995, 213-214, 78-80.	2.7	4
239	Crystal field investigation of Pd_2REIn (RE = rare earth). Physica B: Condensed Matter, 1995, 213-214, 300-302.	2.7	9
240	Collective magnetic excitations of R^{3+} ions in grain-aligned $\text{RBa}_2\text{Cu}_3\text{O}_7$ (R \rightarrow Ho, Er). Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1333-1334.	2.3	3
241	Collective magnetic excitations of Ho^{3+} ions in grain-aligned $\text{HoBa}_2\text{Cu}_3\text{O}_x$ ($x=7, 6.2$). Journal of Physics Condensed Matter, 1995, 7, 4215-4226.	1.8	8
242	Collective magnetic excitations of Ho^{3+} ions in grain-aligned $\text{HoBa}_2\text{Cu}_3\text{O}_7$. Journal of Applied Physics, 1994, 75, 6334-6336.	2.5	9
243	Ho^{3+} dimer excitations in $\text{Ho}_{0.1}\text{Y}_{0.9}\text{Ba}_2\text{Cu}_3\text{O}_x$ ($6.6 \leq x \leq 7.0$). Physica C: Superconductivity and Its Applications, 1994, 223, 333-338.	1.2	17
244	Neutron spectroscopy in $\text{RBa}_2\text{Cu}_3\text{O}_x$ (R=rare earth; $6 \leq x \leq 7$) and $\text{R}_{2-x}\text{Ce}_x\text{CuO}_4$ ($0 \leq x \leq 0.2$) compounds: charge transfer, cluster formation, percolative superconductivity, charge fluctuations. Physica C: Superconductivity and Its Applications, 1994, 235-240, 261-264.	1.2	22
245	Crystal-field levels in the distorted perovskite PrGaO_3 . Journal of Physics Condensed Matter, 1994, 6, 4099-4106.	1.8	27
246	Neutron spectroscopy in $\text{rba}_2\text{cu}_3\text{O}_x$ (R \rightarrow Ho, Er; $6 \leq x \leq 7$) compounds. Journal of Alloys and Compounds, 1994, 207-208, 138-145.	5.5	2
247	Neutron Spectroscopy in $\text{RBa}_2\text{Cu}_3\text{O}_x$ (R=Rare Earth, $6 \leq x \leq 7$) Compounds: Charge Transfer, Phase Separation, Spin Fluctuations. , 1994, , 101-117.		4
248	Crystal-field and magnetic properties of the distorted perovskite NdGaO_3 . Journal of Physics Condensed Matter, 1993, 5, 8973-8982.	1.8	40
249	Collective Magnetic Excitations of Ho^{3+} Ions in Grain-Aligned $\text{HoBa}_2\text{Cu}_3\text{O}_7$. Europhysics Letters, 1993, 21, 845-850.	2.0	22