

Laurent C Chapon

List of Publications by Year in descending order

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141
papers

6,988
citations

76326
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60623
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144
all docs

144
docs citations

144
times ranked

7396
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent many-body exciton in van der Waals antiferromagnet NiPS ₃ . <i>Nature</i> , 2020, 583, 785-789.	27.8	134
2	Seeing is believing: visualization of antiferromagnetic domains. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	62
3	Spin-wave directional anisotropies in antiferromagnetic Ba ₃ NbFe ₃ Si ₂ O ₁₄ . <i>Physical Review B</i> , 2019, 100, .	3.2	5
4	Spin decoupling under a staggered field in the $\text{Gd}_{3.2}\text{Nb}_{11}\text{O}_7$ pyrochlore. <i>Physical Review B</i> , 2019, 99, .		
5	Magnetic structure of the swedenborgite $\text{CaBa}_{3.2}\text{Nb}_{8}\text{O}_{10}$ derived by unpolarized neutron diffraction and spherical neutron polarimetry. <i>Physical Review B</i> , 2018, 97, .		
6	Manifolds of magnetic ordered states and excitations in the almost Heisenberg pyrochlore antiferromagnet $\text{MgCr}_{2}\text{Nb}_{4}\text{O}_{10}$. <i>Physical Review B</i> , 2018, 97, .	3.2	14
7	Multiferroic phase diagram of $\text{Mn}_{3.2}\text{O}_{10}$ films studied by neutron and x-ray diffraction. <i>Physical Review B</i> , 2018, 98, .		
8	Spherical neutron polarimetry under high pressure for a multiferroic delafossite ferrite. <i>Nature Communications</i> , 2018, 9, 4368.	12.8	7
9	Switching of the Chiral Magnetic Domains in the Hybrid Molecular/Inorganic Multiferroic (ND ₄) ₂ [FeCl ₅ (D ₂ O)]. <i>Scientific Reports</i> , 2018, 8, 10665.	3.3	13
10	Complex magnetic structure of the swedenborgite $\text{CaBa}(\text{Co}_3\text{Fe})\text{O}_7$ derived by unpolarized neutron diffraction and spherical neutron polarimetry. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e101-e101.	0.1	0
11	Coupled multiferroic domain switching in the canted conical spin spiral system Mn ₂ GeO ₄ . <i>Nature Communications</i> , 2017, 8, 15457.	12.8	17
12	Tuning the multiferroic mechanisms of TbMnO ₃ by epitaxial strain. <i>Scientific Reports</i> , 2017, 7, 44753.	3.3	26
13	Origin of the magnetoelectric effect in the Cs ₂ FeCl ₅ -D ₂ O compound. <i>Physical Review B</i> , 2017, 96, .	3.2	2
14	Magnetic-field-induced change of magnetoelectric coupling in the hybrid multiferroic $\text{Mn}_{3.2}\text{O}_{10}$. <i>Physical Review B</i> , 2017, 95, .	3.2	15
15	Fragmentation in spin ice from magnetic charge injection. <i>Nature Communications</i> , 2017, 8, 209.	12.8	37
16	The application of interference fits for overcoming limitations in clamping methodologies for cryo-cooling first crystal configurations in x-ray monochromators. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 278, 012055.	0.6	0
17	Effect of chemical pressure induced by La ³⁺ /Y ³⁺ substitution on the magnetic ordering of (AMn ₃)Mn ₄ O ₁₂ quadruple perovskites. <i>Physical Review Materials</i> , 2017, 1, .	2.4	10
18	Understanding multiferroicity in the new (ND ₄) ₂ FeCl ₅ (D ₂ O) molecular magnet. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C90-C90.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Strong magnetoelastic coupling at the transition from harmonic to anharmonic order in NaFe_3S_2 . Physical Review B, 2016, 94, .	3.2	9
20	Exchange anisotropy as mechanism for spin-stripe formation in frustrated spin chains. Physical Review B, 2016, 94, .	3.2	9
21	Modulated spin helicity stabilized by incommensurate orbital density waves in a quadruple perovskite manganite. Physical Review B, 2016, 93, .	3.2	27
22	Anisotropic interactions opposing magnetocrystalline anisotropy in $\text{Sr}_{32}\text{Mn}_{16}$. Physical Review B, 2016, 93, .	3.2	35
23	Room-temperature tetragonal non-collinear Heusler antiferromagnet Pt ₂ MnGa. Nature Communications, 2016, 7, 12671.	12.8	35
24	Anisotropy-Tuned Magnetic Order in Pyrochlore Iridates. Physical Review Letters, 2015, 114, 247202.	7.8	40
25	Magnetically-induced ferroelectricity in the (ND ₄) ₂ [FeCl ₅ (D ₂ O)] molecular compound. Scientific Reports, 2015, 5, 14475.	3.3	27
26	Spin-stripe phase in a frustrated zigzag spin-1/2 chain. Nature Communications, 2015, 6, 7255.	12.8	41
27	Gradual Localization of 5 <i>f</i> States in Orthorhombic UTX Ferromagnets: Polarized Neutron Diffraction Study of Ru Substituted UCoGe. Journal of the Physical Society of Japan, 2015, 84, 084707.	1.6	9
28	Magnetic phase diagram and ordered ground state of GdMn ₂ O ₅ multiferroic studied by x-ray magnetic scattering. Journal of Physics: Conference Series, 2014, 519, 012004.	0.4	6
29	Helical order and multiferroicity in the $\text{KCu}_3\text{O}_{3.2}\text{Mn}_{1.8}$ system. Physical Review B, 2014, 89, .	3.2	27
30	Magnetically induced femtoscale strain modulations in HoMn ₂ O ₅ . Physical Review B, 2014, 89, .	3.2	3
31	Structural and magnetic characterization of iron oxycalenditas. Physical Review B, 2014, 89, .	3.2	10
32	Magnetic order in the frustrated Ising-like chain compound $\text{Ce}_2\text{Fe}_2\text{O}_7$. Physical Review B, 2014, 90, .	3.2	27
33	Mantidæ: Data analysis and visualization package for neutron scattering and SR experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 156-166.	1.6	1,257
34	A decade of multiferroic research: new concepts and materials. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C15-C15.	0.1	0
35	The roles of chirality and polarity in novel multiferroics: MnSb ₂ O ₆ and Cu ₃ Nb ₂ O ₈ . Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C386-C386.	0.1	0
36	Magnetic moment distribution modeling in non stoichiometric Ni-Mn-Ga ferromagnetic shape memory alloys. Journal of Physics: Conference Series, 2014, 549, 012016.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Fast Neutron Laue Diffraction with CCD Detectors. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C684-C684. Gigantic magnetic-field-induced polarization and magnetoelectric coupling in a ferrimagnetic oxide CaBaCo \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" $\text{display}=\text{"inline"}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:mrow}$ $\text{display}=\text{"inline"}\rangle\langle\text{mml:mn}\rangle4\langle/\text{mml:mn}\rangle\langle/\text{mml:msub}\rangle\langle/\text{mml:mrow}$ $\text{display}=\text{"block"}\rangle\langle\text{mml:math}\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{display}=\text{"block"}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:mrow}$ $\text{display}=\text{"block"}\rangle\langle\text{mml:math}\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{display}=\text{"block"}\rangle\langle\text{mml:mi}\text{MnSb}\langle\text{mml:mi}\text{MnSb}\rangle\langle\text{mml:mn}\rangle2\langle/\text{mml:mn}\rangle\langle/\text{mml:msub}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:mi}$ $\text{mathvariant}=\text{"bold"}\rangle\langle\text{mml:mi}\text{O}\langle\text{mml:mi}\text{O}\rangle\langle\text{mml:mn}\rangle6\langle/\text{mml:mn}\rangle\langle/\text{mml:msub}\rangle\langle/\text{mml:mrow}\rangle\text{A Polar Magnet with}$ $\text{a Chiral Crystal Structure. Physical Review Letters, 2013, 111, 017202.}$	0.1	0
38		3.2	83
39		7.8	32
40	Giant Tunability of Ferroelectric Polarization in CdMn ₂ O ₅ . <i>Physical Review Letters</i> , 2013, 110, 137203.	7.8	105
41	X-Ray Imaging and Multiferroic Coupling of Cycloidal Magnetic Domains in Ferroelectric Monodomain CaFe ₂ O ₃ . <i>Physical Review Letters</i> , 2013, 110, 217206.	7.8	67
42	Neutron scattering and muon spin relaxation measurements of the noncentrosymmetric antiferromagnet CeCoGe ₃ . <i>Physical Review B</i> , 2013, 88, .	3.2	49
43	Influence of Cr doping on the magnetic structure of the FeAs-strips compound CaFe ₄ As ₃ : A single-crystal neutron diffraction study. <i>Physical Review B</i> , 2013, 88, .	3.2	1
44	Magnetization distribution and orbital moment in the nonsuperconducting chalcogenide compound K _{0.8} Fe _{1.6} Se ₂ . <i>Physical Review B</i> , 2013, 88, .	3.2	1
45	MnSb ₂ O ₆ : a polar magnet with a chiral crystal structure. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s623-s623.	0.3	0
46	Possible chiral spin-liquid phase in noncentrosymmetric RBaCo ₄ O ₇ . <i>Physical Review B</i> , 2012, 85, .	3.2	8
47	Publisher's Note: Spin-ordering and magnetoelastic coupling in the extended kagome system YBaCo ₄ O ₇ [<i>Phys. Rev. B</i> 83, 094412 (2011)]. <i>Physical Review B</i> , 2012, 85, .	3.2	0
48	Magnetic symmetries in neutron and resonant x-ray Bragg diffraction patterns of four iridium oxides. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 496003.	1.8	18
49	An introduction to the use of representation analysis for studying magnetoelectrics and multiferroics. <i>EPJ Web of Conferences</i> , 2012, 22, 00013.	0.3	4
50	Inelastic neutron scattering study of Ni-substituted Ce _{0.5} Fe ₄ Sb ₁₂ skutterudite compounds. <i>Journal of Physics: Conference Series</i> , 2012, 391, 012013.	0.4	0
51	Magneto-orbital helices as a route to coupling magnetism and ferroelectricity in multiferroic CaMn ₇ O ₁₂ . <i>Nature Communications</i> , 2012, 3, 1277.	12.8	88
52	Low temperature magnetic structure of geometrically frustrated SrHo ₂ O ₄ . <i>Journal of Physics: Conference Series</i> , 2012, 391, 012081.	0.4	15
53	Spin-assisted ferroelectricity in ferrimagnetic CaBaCo \langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" $\text{display}=\text{"block"}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:mrow}$ $\text{display}=\text{"block"}\rangle\langle\text{mml:mn}\rangle4\langle/\text{mml:mn}\rangle\langle/\text{mml:msub}\rangle\langle/\text{mml:mrow}\rangle\text{Physical Review B, 2012, 86, .}$	3.2	60
54	Physico-chemical treatment applied to compost liquor: Feasibility study. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1522-1528.	5.8	9

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55	Giant Improper Ferroelectricity in the Ferroaxial Magnet $\text{CaMn}_7\text{O}_{12}$. Physical Review Letters, 2011, 106, 137201.	1.8	235
56	Electric Field Control of the Magnetic Chiralities in Ferroaxial Multiferroic RbFeMoO_4 . Physical Review Letters, 2012, 108, 237201.	1.8	235
57	Giant improper ferroelectricity in the ferroaxial magnet $\text{CaMn}_7\text{O}_{12}$. Acta Crystallographica Section A: Foundations and Advances, 2012, 68, s95-s95.	0.3	0
58	Wish: The New Powder and Single Crystal Magnetic Diffractometer on the Second Target Station. Neutron News, 2011, 22, 22-25.	0.2	261
59	Substitution Effect on the Interplane Coupling in Crednerite: the $\text{Cu}_{1.04}\text{Mn}_{0.96}\text{O}_2$ Case. Chemistry of Materials, 2011, 23, 85-94.	6.7	21
60	Helical spin waves, magnetic order, and fluctuations in the langasite compound $\text{BaNbFe}_3\text{O}_7$. Journal of Physics Condensed Matter, 2011, 23, 252201.	3.2	36
61	Complex room-temperature ferrimagnetism induced by zigzag stripes of oxygen vacancies in Sr_2IrO_4 . Journal of Physics Condensed Matter, 2011, 23, 252201.	1.8	36
62	The magnetic motif and the Wavefunction of Kramers ions in strontium iridate (Sr_2IrO_4). Journal of Physics Condensed Matter, 2011, 23, 252201.	3.2	36
63	Spontaneous toroidal moment and field-induced magnetotoroidic effects in BaCo_2O_4 . Physical Review B, 2011, 83, .	3.2	30
64	Coexistence of the long-range and short-range magnetic order components in $\text{Sr}_2\text{Co}_3\text{O}_6$. Physical Review Letters, 2011, 106, 257601.	3.2	36
65	Kinetic study of compost liquor nitrification. Water Science and Technology, 2011, 63, 868-876.	2.5	8
66	Theory of High-Temperature Multiferroicity in Cupric Oxide. Physical Review Letters, 2011, 106, 257601.	7.8	42
67	Spin-orbit coupling in the extended kagome system $\text{YBa}_2\text{Co}_3\text{O}_7$: A Multiferroic with Chiral Coupling to the Crystal Structure. Physical Review Letters, 2011, 107, 137205.	7.8	74
68	Publisher's Note: Slow Magnetic Order-Order Transition in the Spin Chain Antiferromagnet $\text{Ca}_3\text{Co}_2\text{O}_6$ [Phys. Rev. Lett. 106, 197204 (2011)]. Physical Review Letters, 2011, 107, .	7.8	0
69	Coexistence of the long-range and short-range magnetic order components in SrEr_2O_4 . Physical Review Letters, 2011, 106, 197204.	3.2	37
70	Slow Magnetic Order-Order Transition in the Spin Chain Antiferromagnet $\text{Ca}_3\text{Co}_2\text{O}_6$. Physical Review Letters, 2011, 106, 197204.	3.2	37
71	Spin-orbit coupling in the extended kagome system $\text{YBa}_2\text{Co}_3\text{O}_7$: A Multiferroic with Chiral Coupling to the Crystal Structure. Physical Review Letters, 2011, 107, 137205.	3.2	36
72	Noncollinear magnetic order in the ZnRhO_3 system. Physical Review Letters, 2011, 106, 197204.	3.2	10

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73	Phase stability study of $\text{Bi}_{0.15}\text{Sr}_{0.85-x}\text{Ae}_x\text{CoO}_3-\tilde{\gamma}$ ($x=0$ and $\text{Ae}=\text{Ba}0.28$; $\text{Ca}0.17$) perovskites by in-situ neutron diffraction. Materials Research Bulletin, 2010, 45, 1875-1882.	5.2	2
74	Zircon to scheelite phase transition induced by pressure and magnetism in TbCrO_3 . Physical Review B, 2010, 81, .	3.2	20
75	Magnetoelastic coupling in the frustrated antiferromagnetic triangular lattice CuMnO_3 . Physical Review B, 2010, 82, .	3.2	25
76	Long-range magnetic order in CeRu_3 via muon spin relaxation and neutron diffraction. Physical Review B, 2010, 82, .	3.2	44
77	Spin correlations in the geometrically frustrated BaCo_3 zigzag ladders with staggered magnetic chirality in the Mn_3O_4 layers. Mean-field approach and Monte Carlo simulations. Physical Review B, 2010, 82, .	3.2	28
78	Script level = "1" > CaFe_3 Incommensurate spin-density wave and magnetic lock-in transition in CaFe_3 . Physical Review B, 2010, 81, .	3.2	44
79	Incommensurate magnetic structure of YMn_3 . A stringent test of the multiferroic mechanism. Physical Review B, 2009, 79, .	3.2	27
80	Origin of the long-wavelength magnetic modulation in Ca_3Mn_2 . Structural behavior of the kagome antiferromagnet TmBaCo_3 . Neutron diffraction study and group-theoretical consideration. Physical Review B, 2009, 80, .	3.2	36
81	One-Dimensional Magnetic Fluctuations in the Spin-2 Triangular Lattice NaMnO_2 . Physical Review Letters, 2009, 103, 077202.	7.8	63
82	Effect of Ga Content on the Instantaneous Structure of $\text{Al}_{1-x}\text{Ga}_x\text{PO}_4$. Solid Solutions at High Temperature. Chemistry of Materials, 2009, 21, 237-246.	6.7	12
83	Multiferroicity and spiral magnetism in FeVO_4 . Magnetic Correlations in the Extended Kagome. Physical Review B, 2009, 80, .	4.2	38
84	Spintronics and functional materials. Materials Today, 2009, 12, 70-77.	14.2	30
85	Structural distortions in the spin-gap regime of the quantum antiferromagnet $\text{SrCu}_2(\text{BO}_3)_2$. Journal of Solid State Chemistry, 2009, 182, 3275-3281.	2.9	14
86	Effect of Ga Content on the Instantaneous Structure of $\text{Al}_{1-x}\text{Ga}_x\text{PO}_4$. Solid Solutions at High Temperature. Chemistry of Materials, 2009, 21, 237-246.	4.2	38
87	Multiferroicity and spiral magnetism in FeVO_4 . Magnetic Correlations in the Extended Kagome. Physical Review B, 2009, 80, .	4.2	38
88	Electric Circuit Switching for Antiferromagnetic Domains in YBaCo_3 . Probed by Electric Current Switching for Antiferromagnetic Domains in YBaCo_3 . Physical Review Letters, 2009, 103, 037202.	4.2	95
89	Electric Circuit Switching for Antiferromagnetic Domains in YBaCo_3 . A Probe of the Multiferroic Mechanism. Physical Review Letters, 2008, 101, 067205.	7.8	43
90	A neutron diffraction study of RMn_2O_5 multiferroics. Journal of Physics Condensed Matter, 2008, 20, 434213.	1.8	75

#	ARTICLE	IF	CITATIONS
91	<p>Measure magnetic structures of</p> $\frac{M_n}{O} \times \frac{2}{5}$ <p>where M_n is the magnetic moment of the nucleus and O is the oxygen atom.</p>		

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109	Imaging crystallographic phases using time-of-flight neutron diffraction. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1203-1205.	2.7	1
110	Structural and magnetic properties of the Kagomé antiferromagnet YbBaCo ₄ O ₇ . <i>Journal of Solid State Chemistry</i> , 2006, 179, 1136-1145.	2.9	138
111	Crystal structure and high-pressure properties of β -Mo ₂ N determined by neutron powder diffraction and X-ray diffraction. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1762-1767.	2.9	61
112	Neutron texture analysis on GEM at ISIS. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 639-643.	2.7	48
113	Neutrons in cultural heritage research. <i>Journal of Neutron Research</i> , 2006, 14, 37-42.	1.1	17
114	Ferroelectricity Induced by Acentric Spin-Density Waves in YMn ₂ O ₅ . <i>Physical Review Letters</i> , 2006, 96, 097601.	7.8	201
115	Competing magnetic interactions in the extended Kagomé system YBaCo ₄ O ₇ . <i>Physical Review B</i> , 2006, 74, .	3.2	128
116	Neutron and X-ray characterisation of the metallurgical properties of a 7th century BC Corinthian-type bronze helmet. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 239, 16-26.	1.4	23
117	Crystal structure of the superconducting layered cobaltate Na _x CoO _{2-y} D ₂ O. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3293-3304.	1.8	14
118	Magnetic order and lattice anomalies in the J ₁ -J ₂ model system VOMoO ₄ . <i>Physical Review B</i> , 2005, 71, .	3.2	32
119	Structural changes induced by Ce filling in partially filled skutterudites. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3525-3535.	1.8	5
120	Spin structure and magnetic frustration in multiferroic RMn ₂ O ₅ (R=Tb,Ho,Dy). <i>Physical Review B</i> , 2005, 71, .	3.2	252
121	Cu(HCO ₂) ₂ (pym) (pym = pyrimidine): Low-Dimensional Magnetic Behavior and Long-Range Ordering in a Quantum-Spin Lattice. <i>Inorganic Chemistry</i> , 2005, 44, 989-995.	4.0	40
122	Hydrogen Cycling of Niobium and Vanadium Catalyzed Nanostructured Magnesium. <i>Journal of the American Chemical Society</i> , 2005, 127, 14348-14354.	13.7	222
123	Crystal structure of the superconducting layered cobaltite Na _x CoO _{2-y} D ₂ O. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c100-c101.	0.3	0
124	Structural Anomalies and Multiferroic Behavior in Magnetically Frustrated TbMn ₂ O ₅ . <i>Physical Review Letters</i> , 2004, 93, 177402.	7.8	309
125	Structure and magnetism in synthetic pyrrhotite Fe ₇ S ₈ : A powder neutron-diffraction study. <i>Physical Review B</i> , 2004, 70, .	3.2	116
126	S=1/2 Ising behavior in the two-dimensional molecular magnet Fe(NCS) ₂ (pyrazine)·2. <i>Physical Review B</i> , 2004, 69, .	3.2	27

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127	Field-induced avalanche to the ferromagnetic state in the phase-separated ground state of manganites. Physical Review B, 2004, 70, .	3.2	32
128	Spin ordering in the mixed-ligand antiferromagnet Mn(dca)2(pyrazine). Journal of Magnetism and Magnetic Materials, 2003, 260, 462-466.	2.3	10
129	Neutron powder diffraction study of strain and crystallite size in mechanically alloyed PbTe. Journal of Solid State Chemistry, 2003, 173, 189-195.	2.9	54
130	Structural and magnetic behavior of a quasi-1D antiferromagnetic chain compound Cu(NCS) 2 (pyz). Polyhedron, 2003, 22, 2045-2049.	2.2	26
131	Structural and magnetic ordering in Pr0.65(CaySr1-y)0.35MnO3: f Quantum critical point versus phase segregation scenarios. Physical Review B, 2002, 66, .	3.2	37
132	A Neutron Diffraction Study of the Thermal Stability of the $\hat{\pm}$ -Quartz-Type Structure in Germanium Dioxide. Journal of Solid State Chemistry, 2002, 166, 434-441.	2.9	100
133	Spin excitations in 3D molecular magnets probed by neutron scattering. Applied Physics A: Materials Science and Processing, 2002, 74, s634-s636.	2.3	7
134	Magnetic ordering and spin excitations in Mn(dca) 2 (pyz) [dca = N(CN) 2 - , pyz = pyrazine]. Applied Physics A: Materials Science and Processing, 2002, 74, s722-s724.	2.3	10
135	Anomalous physical properties of cerium-lanthanum filled skutterudites. Journal of Alloys and Compounds, 2001, 323-324, 389-391.	5.5	27
136	Influence of the nickel concentration on the magnetic properties of the cerium filled nickel substituted skutterudites. Journal of Alloys and Compounds, 2000, 299, 68-71.	5.5	20
137	Nickel-substituted skutterudites: synthesis, structural and electrical properties. Journal of Alloys and Compounds, 1999, 282, 58-63.	5.5	84
138	Synthèse par broyage mcanique de CeFe4Sb12 et des composés substitués CeFe3,5Ni0,5Sb12 et CeFe4Sb11Te. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 1998, 1, 761-763.	0.1	3
139	Nickel Substituted Skutterudites: Synthesis and Physical Properties. Materials Research Society Symposia Proceedings, 1998, 545, 321.	0.1	2
140	Comparison between experimental XANES spectra and electronic structure calculations in the filled skutterudites Ce _y Fe _{4-x} Ni _x Sb ₁₂ . , 0, .	0	0
141	Neutron study of rare earth filling and physical properties in R _y (Fe,Ni) ₄ Sb ₁₂ (with R=La) T _j ETQq1 1 0.784314 rgBT / Ove		