

Jose L Martinez

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360
papers

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8,996
ext. citations

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#	Paper	IF	Citations
360	Incommensurate magnetic fluctuations in La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 1991 , 67, 1791-1794	7.4	509
359	Neutron diffraction study on structural and magnetic properties of La ₂ NiO ₄ . <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 3215-3234	1.8	345
358	Magnetic structure of hexagonal RMnO ₃ (R=Y, Sc): Thermal evolution from neutron powder diffraction data. <i>Physical Review B</i> , 2000 , 62, 9498-9510	3.3	258
357	Structural characterization of R ₂ BaCuO ₅ (R = Y, Lu, Yb, Tm, Er, Ho, Dy, Gd, Eu and Sm) oxides by X-ray and neutron diffraction. <i>Journal of Solid State Chemistry</i> , 1992 , 100, 201-211	3.3	249
356	Finding universal correlations between cationic disorder and low field magnetoresistance in FeMo double perovskite series. <i>Physical Review Letters</i> , 2001 , 86, 2443-6	7.4	214
355	Complex Magnetism and Magnetic Structures of the Metastable HoMnO ₃ Perovskite. <i>Inorganic Chemistry</i> , 2001 , 40, 1020-1028	5.1	197
354	Ferromagnetic/superconducting proximity effect in La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O ₇ _B superlattices. <i>Physical Review B</i> , 2003 , 67,	3.3	184
353	Giant magnetoresistance in ferromagnet/superconductor superlattices. <i>Physical Review Letters</i> , 2005 , 94, 057002	7.4	174
352	Antiferromagnetic ordering in Co-Cu single-crystal superlattices. <i>Physical Review B</i> , 1989 , 39, 9726-9729	3.3	139
351	Coupling of superconductors through a half-metallic ferromagnet: Evidence for a long-range proximity effect. <i>Physical Review B</i> , 2004 , 69,	3.3	138
350	Origin of neutron magnetic scattering in antite-site-disordered Sr ₂ FeMoO ₆ double perovskites. <i>Physical Review B</i> , 2002 , 65,	3.3	138
349	Evolution of the Magnetic Structure of Hexagonal HoMnO ₃ from Neutron Powder Diffraction Data. <i>Chemistry of Materials</i> , 2001 , 13, 1497-1505	9.6	131
348	The magnetic structure of YMnO ₃ perovskite revisited. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 3285-3294	1.8	128
347	Conduction channels and magnetoresistance in polycrystalline manganites. <i>Physical Review B</i> , 1999 , 60, 7328-7334	3.3	126
346	Low-temperature magnetoresistance in polycrystalline manganites: connectivity versus grain size. <i>Applied Physics Letters</i> , 1999 , 74, 3884-3886	3.4	125
345	A structural study from neutron diffraction data and magnetic properties of (R = La, rare earth). <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 8515-8526	1.8	115
344	Structural, thermal, transport, and magnetic properties of the charge-ordered La _{1/3} Ca _{2/3} MnO ₃ oxide. <i>Physical Review B</i> , 1999 , 59, 1277-1284	3.3	111

343	Origin of the colossal dielectric response of Pr _{0.6} Ca _{0.4} MnO ₃ . <i>Physical Review B</i> , 2005 , 72,	3.3	110
342	Magnetic structure and properties of BiMn ₂ O ₅ oxide: A neutron diffraction study. <i>Physical Review B</i> , 2002 , 65,	3.3	109
341	Induction of Colossal Magnetoresistance in the Double Perovskite Sr ₂ CoMoO ₆ . <i>Chemistry of Materials</i> , 2002 , 14, 812-818	9.6	107
340	Preparation, Crystal Structure, and Magnetic and Magnetotransport Properties of the Double Perovskite Ca ₂ FeMoO ₆ . <i>Chemistry of Materials</i> , 2000 , 12, 161-168	9.6	101
339	Enhanced magnetoresistance in the complex perovskite LaCu ₃ Mn ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2003 , 83, 2623-2625	3.4	99
338	Structure and Magnetic Properties of Sr ₂ CoWO ₆ : An Ordered Double Perovskite Containing Co ²⁺ (HS) with Unquenched Orbital Magnetic Moment. <i>Chemistry of Materials</i> , 2003 , 15, 1655-1663	9.6	95
337	Anomalous structural phase transition in stoichiometric La ₂ NiO ₄ . <i>Physical Review B</i> , 1988 , 38, 7148-7151	3.3	91
336	Pressure induced effects on the Fermi surface of superconducting 2H-NbSe ₂ . <i>Physical Review Letters</i> , 2005 , 95, 117006	7.4	90
335	Superconductivity depression in ultrathin YBa ₂ Cu ₃ O ₇ layers in La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O ₇ superlattices. <i>Applied Physics Letters</i> , 2002 , 81, 4568-4570	3.4	82
334	Coulomb blockade versus intergrain resistance in colossal magnetoresistive manganite granular films. <i>Physical Review B</i> , 2000 , 61, 9549-9552	3.3	75
333	Experimental Study of New Type Phase Transition in Triangular Lattice Antiferromagnet VCl ₂ . <i>Journal of the Physical Society of Japan</i> , 1987 , 56, 4027-4039	1.5	70
332	Record Seebeck coefficient and extremely low thermal conductivity in nanostructured SnSe. <i>Applied Physics Letters</i> , 2015 , 106, 083902	3.4	63
331	Neutron diffraction study of the magnetic structure of Er ₂ BaNiO ₅ . <i>Solid State Communications</i> , 1990 , 76, 467-474	1.6	63
330	Structural and magnetic properties of ultrathin epitaxial La _{0.7} Ca _{0.3} MnO ₃ manganite films: Strain versus finite size effects. <i>Applied Physics Letters</i> , 2003 , 83, 713-715	3.4	62
329	Structural Phase Transitions and Three-Dimensional Magnetic Ordering in the Nd ₂ NiO ₄ Oxide. <i>Europhysics Letters</i> , 1990 , 11, 261-268	1.6	60
328	Structural Characterization and Polymorphism of R ₂ BaNiO ₅ (R = Nd, Gd, Dy, Y, Ho, Er, Tm, Yb) Studied by Neutron Diffraction. <i>Journal of Solid State Chemistry</i> , 1993 , 103, 322-333	3.3	57
327	Giant Seebeck effect in Ge-doped SnSe. <i>Scientific Reports</i> , 2016 , 6, 26774	4.9	56
326	Magnetic susceptibility and field-induced transitions in R ₂ BaNiO ₅ compounds (R = Tm, Er, Ho, Dy, Tb, Gd, Sm, Nd, Pr). <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 149, 363-372	2.8	56

325	Collective excitations in liquid methanol: A comparison of molecular, lattice-dynamics, and neutron-scattering results. <i>Journal of Chemical Physics</i> , 1992 , 96, 7696-7709	3.9	56
324	Preparation, Crystal and Magnetic Structure, and Magnetotransport Properties of the Double Perovskite CaCu _{2.5} Mn _{4.5} O ₁₂ . <i>Chemistry of Materials</i> , 2003 , 15, 2193-2200	9.6	55
323	Record saturation magnetization, Curie temperature, and magnetoresistance in Sr ₂ FeMoO ₆ double perovskite synthesized by wet-chemistry techniques. <i>Applied Physics Letters</i> , 2004 , 85, 266-268	3.4	52
322	The Complexity of the Complexes. A Twelve-fold Anchored Ligand in a Co(II) Hybrid Polymeric Material with Ferromagnetic Order. <i>Chemistry of Materials</i> , 2002 , 14, 1879-1883	9.6	50
321	Ordering of Oxygen Vacancies and Magnetic Properties in La _{0.5} Ca _{0.5} MnO ₃ ($x=0.5$). <i>Journal of Solid State Chemistry</i> , 1999 , 148, 158-168	3.3	50
320	Room Temperature Magnetoresistance and Cluster-Glass Behavior in the Tl _{2-x} BixMn ₂ O ₇ ($0 \leq x \leq 0.5$) Pyrochlore Series. <i>Physical Review Letters</i> , 1999 , 82, 189-192	7.4	50
319	The instrument suite of the European Spallation Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 957, 163402	1.2	50
318	X-ray Study of the Spinel LiMn ₂ O ₄ at Low Temperatures. <i>Chemistry of Materials</i> , 1999 , 11, 3629-3635	9.6	46
317	High-Pressure Preparation, Crystal Structure, Magnetic Properties, and Phase Transitions in GdNiO ₃ and DyNiO ₃ Perovskites. <i>Chemistry of Materials</i> , 1999 , 11, 2463-2469	9.6	44
316	Low-frequency excitations in a molecular glass: Single-particle dynamics. <i>Physical Review B</i> , 1992 , 46, 6173-6186	3.3	44
315	Magnetic excitations and phase transitions in UPd ₃ . <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 670-674.	8	44
314	Pressure dependence of the upper critical field of MgB ₂ and of YNi ₂ B ₂ C. <i>Physical Review B</i> , 2004 , 70,	3.3	43
313	Microscopic nature of the electron doping effects in the double perovskite Sr _{2-x} LaxFeMoO ₆ ($0 \leq x \leq 1$) series. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1771-1777		42
312	Neutron diffraction study of the magnetic ordering in the series R ₂ BaNiO ₅ (R = Rare Earth). <i>European Physical Journal B</i> , 2001 , 24, 59-70	1.2	40
311	Low-temperature magnetic structure of YBaCuFeO ₅ and the effect of partial substitution of yttrium by calcium. <i>Physical Review B</i> , 1998 , 58, 6291-6297	3.3	40
310	Structural characterization of R ₂ BaNiO ₅ (R=Tm and Yb): polymorphism for R=Tm. <i>Solid State Communications</i> , 1991 , 78, 481-488	1.6	40
309	Anisotropic magnetoresistance and anomalous Hall effect in manganite thin films. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 2733-2740	1.8	39
308	Spin-flop magnetoresistance in Gd/Co multilayers. <i>Physical Review B</i> , 1999 , 60, 6678-6684	3.3	39

- 307 Magnetic and structural phase transitions in UPd₃. *Journal of Magnetism and Magnetic Materials*, **1992**, 108, 163-164 2.8 39
- 306 High-temperature phase transformation of oxidized R₂NiO₄ (R=La, Pr and Nd) under vacuum. *Solid State Ionics*, **1993**, 63-65, 902-906 3.3 39
- 305 Ferromagnetism in Ba₅Co₅O₁₄: A structural, transport, thermal, and magnetic study. *Physical Review B*, **2005**, 71, 3.3 37
- 304 Collective excitations in liquid deuterium: Neutron-scattering and correlated-density-matrix results. *Physical Review B*, **1993**, 47, 15097-15112 3.3 37
- 303 Structural and magnetic phase transitions in Pr₂NiO₄. *European Physical Journal B*, **1991**, 82, 275-282 1.2 37
- 302 Spin-dependent magnetoresistance of ferromagnet/superconductor/ferromagnet La_{0.7}Ca_{0.3}MnO₃/Ba₂Cu₃O₇/La_{0.7}Ca_{0.3}MnO₃ trilayers. *Physical Review B*, **2007**, 75, 3.3 35
- 301 Magnetic and X-ray diffraction characterization of stoichiometric Pr₂NiO₄ and Nd₂NiO₄ oxides. *Solid State Communications*, **1989**, 72, 273-277 1.6 34
- 300 Non-collinear magnetic structures of Fe-based amorphous alloys. *Journal of Physics Condensed Matter*, **1991**, 3, 9521-9537 1.8 33
- 299 Paramagnetic Meissner effect in YBa₂Cu₃O₇/La_{0.7}Ca_{0.3}MnO₃ superlattices. *Physical Review B*, **2006**, 73, 3.3 32
- 298 Nonequilibrium magnetic dynamics in mechanically alloyed materials. *Physical Review B*, **2001**, 64, 3.3 32
- 297 Optical phonons in R₂BaMO₅ oxides with M=Co, Ni, Cu, and R=a rare earth. *Physical Review B*, **1993**, 47, 14898-14904 3.3 32
- 296 Crystallographic and magnetic transitions in CeVO₃: A neutron diffraction study. *Physical Review B*, **2003**, 68, 3.3 31
- 295 A Study of the Magnetic Structure of LaMn₂O₅ from Neutron Powder Diffraction Data. *European Journal of Inorganic Chemistry*, **2005**, 2005, 685-691 2.3 30
- 294 On the microscopic origin of the Boson peak in glassy materials. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **1994**, 195, 236-244 2.3 30
- 293 Longitudinal spin fluctuations in nickel. *Physical Review B*, **1991**, 43, 575-584 3.3 30
- 292 Synthesis, Structural, and Magnetic Characterization of a New Ferrimagnetic Oxide: YFeMnO₅. *Chemistry of Materials*, **2004**, 16, 4087-4094 9.6 29
- 291 Mn⁴⁺ cation localization in La-rich La_{1-x}CaxMnO_y manganites. *Physical Review B*, **2000**, 62, 11328-11331 3.3 29
- 290 Enhancement of ferromagnetic coupling in Sb-substituted Tl₂Mn₂O₇ pyrochlores. *Physical Review B*, **1999**, 60, R15024-R15027 3.3 29

289	Magnetic structure of Ho ₂ BaNiO ₅ . <i>Solid State Communications</i> , 1993 , 85, 553-559	1.6	29
288	Enhanced figure of merit in nanostructured (Bi,Sb)Te with optimized composition, prepared by a straightforward arc-melting procedure. <i>Scientific Reports</i> , 2017 , 7, 6277	4.9	28
287	Non-Linear Susceptibility in U _{0.9} Th _{0.1} Be ₁₃ : Evidence of a Transition from a Paramagnetic to a Quadrupolar Kondo Ground State. <i>Europhysics Letters</i> , 1995 , 32, 765-770	1.6	28
286	Propagating spin waves in Ni above T _c : Evidence against their existence. <i>Physical Review B</i> , 1987 , 36, 881-883	3.3	28
285	H-Bond in methanol: a molecular dynamics study. <i>Journal of Molecular Structure</i> , 1991 , 250, 147-170	3.4	27
284	Low-frequency excitations in glassy selenium: A comparison of neutron-scattering and molecular-dynamics results. <i>Physical Review B</i> , 1993 , 48, 149-160	3.3	26
283	Charge Transfer and Disorder in Double Perovskites. <i>Chemistry of Materials</i> , 2004 , 16, 3565-3572	9.6	25
282	Synthesis, Structural Characterization, and Magnetic Study of Sr ₄ Mn ₂ CoO ₉ . <i>Chemistry of Materials</i> , 2003 , 15, 3537-3542	9.6	25
281	Structural and magnetic transition in YbVO ₃ : a neutron diffraction study. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1234-1240		24
280	Structural and magnetic properties of Sr ₂ RuO ₄ -type oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 179-180	2.8	24
279	Phonon dispersion in polycrystalline ice: Implications for the collective behavior of liquid water. <i>Physical Review E</i> , 1993 , 47, 3516-3523	2.4	24
278	Dynamics of longitudinal and transverse fluctuations above T _c in EuS. <i>Physical Review B</i> , 1991 , 43, 8755-8758		24
277	Crystal structure of the high temperature phase of oxidised Pr ₂ NiO ₄ . <i>Zeitschrift für Physik B-Condensed Matter</i> , 1996 , 100, 85-90		23
276	Lattice instability and low-temperature phase transition in Pr ₂ NiO ₄ . <i>Physical Review B</i> , 1991 , 43, 13766-13769		23
275	Critical relaxation of short range correlations in the mixed crystal Rb _{1-x} (ND ₄) _x D ₂ PO ₄ . <i>European Physical Journal B</i> , 1986 , 64, 13-18	1.2	23
274	Relation between the magnetic properties and the crystal and electronic structures of manganese spinels LiNi _{0.5} Mn _{1.5} O ₄ and LiCu _{0.5} Mn _{1.5} O ₄ . <i>Journal of Applied Physics</i> , 2006 , 100, 093908	2.5	22
273	Temperature dependence of magnetization reversal in magnetostrictive glass-coated amorphous microwires. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004 , 375-377, 1145-1148	5.3	22
272	Synthesis and study of the crystallographic and magnetic structure of the ferrimagnetic oxide ErFeMnO ₅ . <i>Physical Review B</i> , 2005 , 72,	3.3	22

271	Unprecedented magnetoresistance in Cd-substituted $Tl_2Mn_2O_7$ pyrochlores. <i>Applied Physics Letters</i> , 2000 , 76, 3274-3276	3.4	22
270	Microscopic dynamics of liquid gallium. <i>Physical Review E</i> , 1994 , 49, 3133-3142	2.4	22
269	Nanostructured Bi_2Te_3 Prepared by a Straightforward Arc-Melting Method. <i>Nanoscale Research Letters</i> , 2016 , 11, 142	5	21
268	Optical phonons, crystal-field transitions, and europium luminescence-excitation processes in Eu_2BaCoO_5 : Experiment and theory. <i>Physical Review B</i> , 1994 , 50, 9157-9168	3.3	21
267	Microscopic dynamics of ortho-terphenyl in its polycrystalline and glassy forms. <i>Molecular Physics</i> , 1994 , 82, 787-814	1.7	21
266	Collective excitations in liquid methanol studied by coherent inelastic neutron scattering. <i>Journal of Physics Condensed Matter</i> , 1990 , 2, 6659-6672	1.8	21
265	Coherent Inelastic Neutron Scattering Response from Liquid Methanol. <i>Europhysics Letters</i> , 1990 , 12, 129-134	1.6	21
264	Low field magnetoresistance at the metal-insulator transition in epitaxial manganite thin films. <i>Applied Physics Letters</i> , 2002 , 81, 319-321	3.4	20
263	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 ¹³		20
262	Crystal and magnetic structure of the double perovskite Sr_2CoUO_6 : a neutron diffraction study. <i>Dalton Transactions</i> , 2005 , 447-51	4.3	19
261	Peculiar Magnetic Behavior of the $TbCu_3Mn_4O_{12}$ Complex Perovskite. <i>Chemistry of Materials</i> , 2005 , 17, 5070-5076	9.6	19
260	Improving room temperature magnetoresistance in derivatives of ferrimagnetic $CaCu_3Mn_4O_{12}$ perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1407-E1409	2.8	19
259	Thermal Evolution of the Crystallographic and Magnetic Structure in $LuVO_3$: A Neutron Diffraction Study. <i>Chemistry of Materials</i> , 2004 , 16, 1544-1550	9.6	18
258	Structure Characterization and Magnetic Behavior of $NaNi_4(PO_4)_3$ and $KMn_4(PO_4)_3$. <i>Journal of Solid State Chemistry</i> , 1999 , 144, 169-174	3.3	18
257	Magnon dispersion of the dipolar ferromagnet EuS near the zone center. <i>Physical Review B</i> , 1995 , 52, 10142-10149	3.3	18
256	Thermal transport in glassy selenium: The role of low-frequency librations. <i>Physical Review B</i> , 1994 , 49, 8689-8695	3.3	18
255	Spin dynamics in Ni near TC: A high-resolution neutron scattering study. <i>Physical Review B</i> , 1985 , 32, 7037-7042 ¹⁸		18
254	Structural phase transition in polycrystalline $SnSe$: a neutron diffraction study in correlation with thermoelectric properties. <i>Journal of Applied Crystallography</i> , 2016 , 49, 2138-2144	3.8	17

253	Oxygen vacancy control in the defect pyrochlore: a way to tune the electronic bandwidth. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 361-369	1.8	17
252	Collective excitations in liquid deuterium studied by inelastic neutron scattering. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991 , 158, 253-257	2.3	17
251	Temperature dependence of the internal bias in TGS-alanine crystals near T _c . <i>Ferroelectrics, Letters Section</i> , 1983 , 44, 221-226	0.5	17
250	Evidence of nanostructuring and reduced thermal conductivity in n-type Sb-alloyed SnSe thermoelectric polycrystals. <i>Journal of Applied Physics</i> , 2019 , 126, 045105	2.5	16
249	Magnetic behavior of oxidized iron thin films prepared by sputtering at very low temperatures. <i>Surface Science</i> , 2001 , 482-485, 1095-1100	1.8	16
248	Anomalous ground state in U _{0.9} Th _{0.1} Be ₁₃ . <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 454-456	2.8	16
247	Comparison of the paramagnetic spin fluctuations in nickel with asymptotic renormalization-group theory. <i>Physical Review B</i> , 1993 , 47, 3171-3179	3.3	16
246	Collective Low-Frequency Excitations in a Molecular Glass. <i>Europhysics Letters</i> , 1991 , 15, 509-514	1.6	16
245	Substantial thermal conductivity reduction in mischmetal skutterudites M _m Co ₄ 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	7.1	15
244	Extra-low thermal conductivity in unfilled CoSb ₃ -skutterudite synthesized under high-pressure conditions. <i>Applied Physics Letters</i> , 2017 , 111, 083902	3.4	15
243	Structural characterization of ZrO ₂ nanoparticles obtained by aerosol pyrolysis. <i>Journal of Materials Chemistry</i> , 1997 , 7, 1017-1022		15
242	Synthesis and Structural Characterization of Ba ₆ Mn ₅ O ₁₆ : The First Layered Oxide Isostructural to Cs ₆ Ni ₅ F ₁₆ . <i>Chemistry of Materials</i> , 2002 , 14, 4006-4008	9.6	15
241	Magnetic transitions in Nd ₂ NiO ₄ . <i>Physical Review B</i> , 1991 , 43, 10451-10454	3.3	15
240	Observation of high frequency excitations in a molecular glass. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990 , 150, 201-206	2.3	15
239	Unveiling the Correlation between the Crystalline Structure of M-Filled CoSb ₃ (M = Y, K, Sr) Skutterudites and Their Thermoelectric Transport Properties. <i>Advanced Functional Materials</i> , 2020 , 30, 2001651	15.6	14
238	Synthesis and Study of the Crystallographic and Magnetic Structure of HoFeMnO ₅ . <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1972-1979	2.3	14
237	Magnetic Behavior of the LiFeTiO ₄ Spinel. <i>Chemistry of Materials</i> , 2005 , 17, 4162-4167	9.6	14
236	Role of calcium ions as doped-hole attractors in destabilizing charge-ordered states in Mn perovskites. <i>Physical Review B</i> , 2001 , 64,	3.3	14

235	Large Increase in Magnetoresistance and Cluster-Glass Behavior in Defect $Tl_{2-x}Mn_{2O_{7-y}}$ Pyrochlores. <i>Chemistry of Materials</i> , 2000 , 12, 1127-1133	9.6	14
234	Structural and Magnetic Characterization of $NdCaCrO_4$ Oxide. <i>Journal of Solid State Chemistry</i> , 1999 , 148, 361-369	3.3	14
233	Collective dynamics of liquid carbon tetrachloride studied by inelastic neutron scattering and computer simulation. <i>Journal of Chemical Physics</i> , 1992 , 96, 8477-8484	3.9	14
232	Neutron diffraction study on the orthorhombic form of La_2NiO_4 . <i>Journal of the Less Common Metals</i> , 1989 , 149, 357-361		14
231	Raman scattering study of $Rb_{1-x}(ND_4)D_2PO_4$ mixed crystal. <i>Ferroelectrics</i> , 1987 , 76, 23-32	0.6	14
230	Strain induced phase separation in $La_{0.67}Ca_{0.33}MnO_3$ ultra thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 472-475	3.9	13
229	Disorder-induced phase segregation in $La_{2/3}Ca_{1/3}MnO_3$ manganites. <i>Physical Review B</i> , 2003 , 68,	3.3	13
228	Influence of the Oxidation on the Magnetic and Transport Properties in the $(La_{1-x}Ca_x)_zMn_zO_y$ (0	9.6	13
227	Time-dependent heat capacity of Mn_{12} clusters. <i>Physical Review B</i> , 1999 , 60, 14557-14560	3.3	13
226	Synthesis, Structural Characterization, and Electronic Properties of the $LaNi_{1-x}W_xO_3$ ($0 \leq x \leq 0.25$) Perovskite-like System. <i>Journal of Solid State Chemistry</i> , 1996 , 125, 47-53	3.3	13
225	The structural characterization of Co-Cu(100) superlattices by X-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 4981-4990	1.8	13
224	Excess heat capacity in a molecular glass: an assessment based on calorimetric and neutron scattering data. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 9581-9594	1.8	13
223	Single-particle dynamics of liquid CCl_4 : a comparison of molecular dynamics and neutron quasi-elastic scattering results. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 1213-1231	1.8	13
222	Vibrational study of R_2BaNiO_5 ($R=Y, Ho, Er$ or Tm), NiO_6 one-dimensional chains, and Tm_2BaNiO_5 , NiO_5 pyramids. <i>Solid State Communications</i> , 1992 , 82, 931-937	1.6	13
221	Crystal field splitting and magnetic behavior of Nd_2BaCuO_5 single crystals. <i>Physical Review B</i> , 2005 , 71,	3.3	12
220	Structural, Magnetic, and Electrical Behavior of Low Dimensional Ba_2CoO_4 . <i>Chemistry of Materials</i> , 2006 , 18, 3898-3903	9.6	12
219	Metamagnetism in single-crystal Pr_2NiO_4 . <i>Physical Review B</i> , 1993 , 47, 5834-5840	3.3	12
218	Raman scattering of orthorhombic and tetragonal $Ln_2NiO_{4+\delta}$ (Ln identical to La, Pr, Nd) oxides. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 3813-3823	1.8	12

217	The structure of Fe-Ni amorphous alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 159-160	2.8	12
216	Dielectric-constant logarithmic correction in RbH ₂ PO ₄ above the Curie point. <i>Physical Review B</i> , 1985 , 32, 400-402	3.3	12
215	Thermal Conductivity Reduction by Fluctuation of the Filling Fraction in Filled Cobalt Antimonide Skutterudite Thermoelectrics. <i>ACS Applied Energy Materials</i> , 2018 , 1, 6181-6189	6.1	12
214	Design specification for the European Spallation Source neutron generating target element. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 856, 99-108	1.2	11
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