

Jose L Martinez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

360
papers

8,488
citations

44
h-index

80
g-index

392
ext. papers

8,996
ext. citations

3.6
avg, IF

5.34
L-index

#	Paper	IF	Citations
360	Atomic Structure and Lattice Dynamics of CoSb ₃ Skutterudite-Based Thermoelectrics. <i>Chemistry of Materials</i> , 2022 , 34, 1213-1224	9.6	2
359	Metastable Materials Accessed under Moderate Pressure Conditions (P ≈ 5 GPa) in a Piston-Cylinder Press. <i>Materials</i> , 2021 , 14,	3.5	2
358	Enhancing the Néel temperature in 3d/5d R ₂ NiR ₂ O ₆ (R=La, Pr and Nd) double perovskites by reducing the R ³⁺ ionic radii. <i>Acta Materialia</i> , 2021 , 207, 116684	8.4	0
357	Unveiling the Structural Behavior under Pressure of Filled MCoSb (M = K, Sr, La, Ce, and Yb) Thermoelectric Skutterudites. <i>Inorganic Chemistry</i> , 2021 , 60, 7413-7421	5.1	2
356	Lower temperature of the structural transition, and thermoelectric properties in Sn-substituted GeTe. <i>Materials Today: Proceedings</i> , 2021 , 44, 3450-3457	1.4	1
355	Large Enhancement of Critical Current in Superconducting Devices by Gate Voltage. <i>Nano Letters</i> , 2021 , 21, 216-221	11.5	9
354	Novel insights into the magnetic behavior of non-stoichiometric LaMnO ₃ +nanoparticles. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10361-10371	7.1	2
353	Structural evolution, optical gap and thermoelectric properties of CH ₃ NH ₃ SnBr ₃ hybrid perovskite, prepared by mechanochemistry. <i>Materials Advances</i> , 2021 , 2, 3620-3628	3.3	4
352	Strongly reduced lattice thermal conductivity in Sn-doped rare-earth (M) filled skutterudites M CoSb ₃ Sn, promoted by Sb-Sn disordering and phase segregation.. <i>RSC Advances</i> , 2021 , 11, 26421-26431	3.7	1
351	On the lack of monoclinic distortion in the insulating regime of EuNiO and GdNiO perovskites by high-angular resolution synchrotron X-ray diffraction: a comparison with YNiO. <i>Dalton Transactions</i> , 2021 , 50, 7085-7093	4.3	0
350	High-Performance n-type SnSe Thermoelectric Polycrystal Prepared by Arc-Melting. <i>Cell Reports Physical Science</i> , 2020 , 1, 100263	6.1	10
349	Magnetic properties of Sr _{0.7} R _{0.3} CoO ₃ - δ (R = Tb, Er and Ho) perovskites. <i>Journal of Alloys and Compounds</i> , 2020 , 844, 156121	5.7	1
348	Features of the High-Temperature Structural Evolution of GeTe Thermoelectric Probed by Neutron and Synchrotron Powder Diffraction. <i>Metals</i> , 2020 , 10, 48	2.3	5
347	Enhanced stability in CH ₃ NH ₃ PbI ₃ hybrid perovskite from mechano-chemical synthesis: structural, microstructural and optoelectronic characterization. <i>Scientific Reports</i> , 2020 , 10, 11228	4.9	6
346	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
345	Correlation between Crystal Structure and Thermoelectric Properties of Sr _{1-x} Ti _{0.9} Nb _{0.1} O ₃ Ceramics. <i>Crystals</i> , 2020 , 10, 100	2.3	5
344	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

343	Divalent chromium in the octahedral positions of the novel hybrid perovskites CH ₃ NH ₃ Pb _{1-x} Cr _x (Br,Cl) ₃ (x = 0.25, 0.5): Induction of narrow bands inside the bandgap. <i>Journal of Alloys and Compounds</i> , 2020 , 821, 153414	5.7	7
342	Structural Features, Anisotropic Thermal Expansion, and Thermoelectric Performance in Bulk Black Phosphorus Synthesized under High Pressure. <i>Inorganic Chemistry</i> , 2020 , 59, 14932-14943	5.1	4
341	Hydroxyapatites as Versatile Inorganic Hosts of Unusual Pentavalent Manganese Cations. <i>Chemistry of Materials</i> , 2020 , 32, 10584-10593	9.6	1
340	Spin-phonon coupling in uniaxial anisotropic spin-glass based on Fe ₂ TiO ₅ pseudobrookite. <i>Journal of Alloys and Compounds</i> , 2019 , 799, 563-572	5.7	11
339	Substantial thermal conductivity reduction in mischmetal skutterudites MmxCo 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
338	Experimental Observation of Monoclinic Distortion in the Insulating Regime of SmNiO by Synchrotron X-ray Diffraction. <i>Inorganic Chemistry</i> , 2019 , 58, 11828-11835	5.1	9
337	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
336	Complex structural ordering of the oxygen deficiency in LaCaMnO Ruddlesden-Popper phases. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019 , 75, 644-651	1.7	
335	Influence of Nanostructuring on PbTe Alloys Synthesized by Arc-Melting. <i>Materials</i> , 2019 , 12,	3.5	5
334	Magnon-mediated magnetoresistance in layered manganites. <i>Physical Review B</i> , 2019 , 99,	3.3	2
333	Structural evolution of a Ge-substituted SnSe thermoelectric material with low thermal conductivity. <i>Journal of Applied Crystallography</i> , 2018 , 51, 337-343	3.8	7
332	An evaluation of activation and radiation damage effects for the European Spallation Source Target. <i>Journal of Nuclear Science and Technology</i> , 2018 , 55, 548-558	1	4
331	A comparison of the structure and mechanical properties of commercially pure tungsten rolled plates for the target of the European spallation source. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018 , 70, 45-55	4.1	0
330	Low lattice thermal conductivity in arc-melted GeTe with Ge-deficient crystal structure. <i>Applied Physics Letters</i> , 2018 , 113, 083902	3.4	8
329	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
328	ESS Proton Beam Window Design Update. <i>Journal of Physics: Conference Series</i> , 2018 , 1021, 012065	0.3	
327	Large Seebeck coefficients in La ₂ NiO _{4+δ} with tuned δ values. <i>Materials Today: Proceedings</i> , 2018 , 5, 10203-10210 ²		
326	Facile preparation of SnSe derivatives in nanostructured polycrystalline form by arc-melting synthesis. <i>Materials Today: Proceedings</i> , 2018 , 5, 10218-10226	1.4	3

325	Nanostructured Thermoelectric Chalcogenides 2018 ,		2
324	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
323	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
322	Influence of Doping and Nanostructuring on n-Type Bi(TeSe) Alloys Synthesized by Arc Melting. <i>Nanoscale Research Letters</i> , 2017 , 12, 47	5	7
321	Thermoelectric functionality of Ca ₃ Co ₄ O ₉ epitaxial thin films on yttria-stabilized zirconia crystalline substrate. <i>Journal of Alloys and Compounds</i> , 2017 , 710, 151-158	5.7	8
320	Atomically Resolved Short-Range Order at the Nanoscale in the Ca-Mn-O System. <i>Inorganic Chemistry</i> , 2017 , 56, 11753-11761	5.1	3
319	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
318	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
317	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
316	Giant Seebeck effect in Ge-doped SnSe. <i>Scientific Reports</i> , 2016 , 6, 26774	4.9	56
315	Nanostructured Bi ₂ Te ₃ Prepared by a Straightforward Arc-Melting Method. <i>Nanoscale Research Letters</i> , 2016 , 11, 142	5	21
314	Nanostructured State-of-the-Art Thermoelectric Materials Prepared by Straight-Forward Arc-Melting Method 2016 ,		2
313	Chlorine Insertion Promoting Iron Reduction in Ba-Fe Hexagonal Perovskites: Effect on the Structural and Magnetic Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 6261-70	5.1	2
312	Record Seebeck coefficient and extremely low thermal conductivity in nanostructured SnSe. <i>Applied Physics Letters</i> , 2015 , 106, 083902	3.4	63
311	Facile Preparation of State-of-the Art Thermoelectric Materials by High-pressure Synthesis. <i>Materials Today: Proceedings</i> , 2015 , 2, 661-668	1.4	4
310	Outstanding Atomic Order in RuddlesdenPopper Oxide Microcrystals. <i>Chemistry of Materials</i> , 2015 , 27, 1397-1404	9.6	8
309	Surprising resistivity decrease in manganites with constant electronic density. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 484002	1.8	1
308	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

307	Magnetic properties and magnetic structure of. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1575-1577	2.8	1
306	Spin dependent transport at oxide La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O ₇ ferromagnet/superconductor interfaces. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 3967-3970	6	3
305	Low temperature colossal magnetocapacitance in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e677-e679	2.8	4
304	Magnetoresistance in La _{0.7} Ca _{0.3} MnO ₃ /Ba ₂ Cu ₃ O ₇ F/S/F trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e745-e748	2.8	1
303	Spin-dependent magnetoresistance of ferromagnet/superconductor/ferromagnet La _{0.7} Ca _{0.3} MnO ₃ /Ba ₂ Cu ₃ O ₇ /La _{0.7} Ca _{0.3} MnO ₃ trilayers. <i>Physical Review B</i> , 2007 , 75,	3.3	35
302	Role of volume versus defects in the electrical resistivity of lattice-distorted V(001) ultrathin films. <i>Physical Review B</i> , 2007 , 76,	3.3	4
301	Vortex decoupling in LCMO/YBCO superlattices. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 3873-3890	3.9	5
300	A combined study of the magnetic properties of GdCrO ₄ . <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 7893-7904	1.8	11
299	Large Magnetoresistance at Oxide La _{0.7} Ca _{0.3} MnO ₃ and YBa ₂ Cu ₃ O ₇ Interfaces. <i>Advances in Science and Technology</i> , 2006 , 45, 2545-2553	0.1	
298	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
297	Paramagnetic Meissner effect in YBa ₂ Cu ₃ O ₇ /La _{0.7} Ca _{0.3} MnO ₃ superlattices. <i>Physical Review B</i> , 2006 , 73,	3.3	32
296	Structural, Magnetic, and Electrical Behavior of Low Dimensional Ba ₂ CoO ₄ . <i>Chemistry of Materials</i> , 2006 , 18, 3898-3903	9.6	12
295	Neutron powder diffraction study on Nd ₂ BaCuO ₅ oxide. <i>Journal of Alloys and Compounds</i> , 2006 , 408-412, 613-617	5.7	4
294	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
293	Crystal and magnetic structure of the double perovskite Sr ₂ CoUO ₆ : a neutron diffraction study. <i>Dalton Transactions</i> , 2005 , 447-51	4.3	19
292	Peculiar Magnetic Behavior of the TbCu ₃ Mn ₄ O ₁₂ Complex Perovskite. <i>Chemistry of Materials</i> , 2005 , 17, 5070-5076	9.6	19
291	Magnetic Behavior of the LiFeTiO ₄ Spinel. <i>Chemistry of Materials</i> , 2005 , 17, 4162-4167	9.6	14
290	Crystal field splitting and magnetic behavior of Nd ₂ BaCuO ₅ single crystals. <i>Physical Review B</i> , 2005 , 71,	3.3	12

289	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
288	Superlattices of magnetoresistive Ca- and Sr-doped manganese perovskites: Interface effects. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 294, e115-e118	2.8	3
287	Pulsed laser deposition of Sr ₂ FeMoO ₆ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 294, e119-e122	2.8	5
286	A Study of the Magnetic Structure of LaMn ₂ O ₅ from Neutron Powder Diffraction Data. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 685-691	2.3	30
285	Synthesis, Structural, and Magnetic Characterization of YCrMnO ₅ . <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2600-2606	2.3	8
284	Correlation between atomic structure and magnetic properties of La _{0.7} Ca _{0.3} MnO ₃ thin films grown on SrTiO ₃ (1 0 0). <i>Physica B: Condensed Matter</i> , 2005 , 357, 159-164	2.8	3
283	High Pressure Synthesis and Characterization of New Members of the RuSr ₂ (RE, Ce) ₂ Cu ₂ O ₁₀ Family (RE = Y, Dy). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2086-2091	1.3	1
282	Anisotropic magnetoresistance and anomalous Hall effect in manganite thin films. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 2733-2740	1.8	39
281	Pressure induced effects on the Fermi surface of superconducting 2H-NbSe ₂ . <i>Physical Review Letters</i> , 2005 , 95, 117006	7.4	90
280	Ferromagnetism in Ba ₅ Co ₅ O ₁₄ : A structural, transport, thermal, and magnetic study. <i>Physical Review B</i> , 2005 , 71,	3.3	37
279	Unusual magnetic susceptibility and magnetoresistance in [Fe ₂ Cr(001)] ₁₀ multilayers at low temperatures. <i>Journal of Applied Physics</i> , 2005 , 97, 10C505	2.5	1
278	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
277	Giant magnetoresistance in ferromagnet/superconductor superlattices. <i>Physical Review Letters</i> , 2005 , 94, 057002	7.4	174
276	Analysis of magnetotransport data of Tl ₂ Mn ₂ O ₇ pyrochlore: evidence for half-metallicity. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 8725-8732	1.8	1
275	Powder magnetoresistance of Tl ₂ Mn ₂ O ₇ and related compounds. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 3465-3480	1.8	7
274	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
273	Magnetic characterization of layered Ba ₆ Mn ₅ O ₁₆ and Ba ₄ Mn ₃ O ₁₀ . <i>Physical Review B</i> , 2004 , 69,	3.3	10
272	Doping effects on the valence band of Tl ₂ Mn ₂ O ₇ pyrochlores: Relation to magnetoresistance. <i>Applied Physics Letters</i> , 2004 , 84, 4209-4211	3.4	2

271	Long length scale interaction between magnetism and superconductivity in $\text{La}_{0.3}\text{Ca}_{0.7}\text{MnO}_3/\text{YBa}_2\text{Cu}_3\text{O}_7$ superlattices. <i>European Physical Journal B</i> , 2004 , 40, 479-482	1.2	6
270	Magnetoresistance in $\text{Co}_{1-x}\text{Ni}_x\text{Cu}$ glass coated microwires. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1389-E1391	2.8	4
269	Electron and hole doping effects in $\text{Sr}_2\text{FeMoO}_6$ double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1732-1733	2.8	6
268	A neutron diffraction study of the crystallographic and magnetic structure of LuVO_3 . <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 2163-2164	2.8	4
267	Studies of magnetoresistance and structure in Co-Ni-Cu thin wires. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004 , 1, 3717-3721		4
266	Improving room temperature magnetoresistance in derivatives of ferrimagnetic $\text{CaCu}_3\text{Mn}_4\text{O}_{12}$ perovskite. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1407-E1409	2.8	19
265	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
264	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
263	Structural-Magnetic Properties Relationship in a New Commensurate Material: $\text{Sr}_9\text{Mn}_5\text{Co}_2\text{O}_{21}$. <i>Chemistry of Materials</i> , 2004 , 16, 5408-5413	9.6	6
262	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
261	Synthesis, Structural, and Magnetic Characterization of a New Ferrimagnetic Oxide: $\gamma\text{-FeMnO}_5$. <i>Chemistry of Materials</i> , 2004 , 16, 4087-4094	9.6	29
260	Charge Transfer and Disorder in Double Perovskites. <i>Chemistry of Materials</i> , 2004 , 16, 3565-3572	9.6	25
259	Magnetoresistance in granular Co-Cu glass-coated microwires. <i>IEEE Transactions on Magnetics</i> , 2004 , 40, 2254-2256	2	4
258	Pressure dependence of the upper critical field of MgB_2 and of $\text{YNi}_2\text{B}_2\text{C}$. <i>Physical Review B</i> , 2004 , 70,	3.3	43
257	Order-Disorder Transitions and Magnetic Behaviour in Lithium Ferrites $\text{Li}_{0.5+0.5x}\text{Fe}_{2.5-0.5x}\text{Ti}_x\text{O}_4$ ($x = 1.28$ and 1.50). <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2397-2405	2.3	11
256	Transport properties and magnetoresistance of $\text{La}_{1-x}\text{Ca}_x$ manganites near the optimal doping concentrations. <i>Journal of Solid State Chemistry</i> , 2003 , 171, 76-83	3.3	3
255	Observation of a spin-polarized current through single atom quantum point contacts. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 18, 264-265	3	3
254	Structural and magnetic properties of ultrathin epitaxial $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ manganite films: Strain versus finite size effects. <i>Applied Physics Letters</i> , 2003 , 83, 713-715	3.4	62

253	Ferromagnetic/superconducting proximity effect in La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O ₇ superlattices. <i>Physical Review B</i> , 2003 , 67,	3.3	184
252	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
251	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
250	Temperature dependence of remagnetization process in bistable magnetic microwires. <i>Journal of Non-Crystalline Solids</i> , 2003 , 329, 123-130	3.9	11
249	Microscopic nature of the electron doping effects in the double perovskite Sr _{2-x} La _x FeMoO ₆ (0 ≤ x ≤ 1) series. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1771-1777		42
248	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
247	Disorder-induced phase segregation in La _{2/3} Ca _{1/3} MnO ₃ manganites. <i>Physical Review B</i> , 2003 , 68,	3.3	13
246	Structural and magnetic transition in YbVO ₃ : a neutron diffraction study. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1234-1240		24
245	Enhanced magnetoresistance in the complex perovskite LaCu ₃ Mn ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2003 , 83, 2623-2625	3.4	99
244	Pressure effect in the structure, transport properties, and magnetic interactions of Tl ₂ Mn ₂ O ₇ pyrochlore derivatives. <i>Physical Review B</i> , 2003 , 67,	3.3	10
243	Crystallographic and magnetic transitions in CeVO ₃ : A neutron diffraction study. <i>Physical Review B</i> , 2003 , 68,	3.3	31
242	Low-frequency response in the magnetic susceptibility of antiferromagnetically coupled Fe/Cr multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 501-503	2.8	
241	Magnetic and transport properties of a Pb substituted Tl ₂ Mn ₂ O ₇ pyrochlore. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 725-728	2.8	2
240	The effect of substitutional mis-site disorder on the structural, magnetic and electronic transport properties of Sr ₂ FeMoO ₆ double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 729-731	2.8	9
239	Raman spectroscopic evidence of phase segregation and its dependence on isotope substitution in (La _{1-x} Nd _x) _{0.7} Ca _{0.3} MnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 651-654	2.8	3
238	Magnetic Behavior of R ₂ Ba ₂ CuPtO ₈ Oxides (R=Ho, Er, Tm, Yb, Lu, and Y). <i>Journal of Solid State Chemistry</i> , 2002 , 165, 297-302	3.3	
237	Neutron-diffraction magnetic scattering in ordered and disordered Sr ₂ FeMoO ₆ . <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, s1752-s1754	2.6	2
236	Microstructural characterization of iron thin films prepared by sputtering at very low temperatures. <i>Vacuum</i> , 2002 , 67, 583-588	3.7	3

235	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
234	Influence of charge-carrier density on the magnetic and magnetotransport properties of Tl ₂ CdxMn ₂ O ₇ pyrochlores (x. <i>Physical Review B</i> , 2002 , 66,	3.3	6
233	First-order transition and phase separation in pyrochlores with colossal magnetoresistance. <i>Physical Review B</i> , 2002 , 66,	3.3	9
232	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
231	Low frequency magnetic response in antiferromagnetically coupled Fe/Cr multilayers. <i>Physical Review Letters</i> , 2002 , 88, 187201	7.4	6
230	Magnetic structure and properties of BiMn ₂ O ₅ oxide: A neutron diffraction study. <i>Physical Review B</i> , 2002 , 65,	3.3	109
229	Pressure Dependence of the Transport and Magnetic Properties of Colossal Magnetoresistance Tl ₂ Mn ₂ O ₇ Pyrochlore System. <i>High Pressure Research</i> , 2002 , 22, 143-146	1.6	1
228	Domain Wall Magnetoresistance and Complex magnetic Response in Antiferromagnetically Coupled Fe/Cr Multilayers. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 746, 1		
227	Complex magnetic response in magnetic tunnel junctions determined via magnetic and transport measurements. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 746, 1		
226	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
225	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
224	Structural and Magnetic Study of Sr _{3.3} Ca _{0.7} CoRh ₂ O ₉ : A New Partially Ordered Antiferromagnetic System. <i>Chemistry of Materials</i> , 2002 , 14, 4948-4954	9.6	9
223	Origin of neutron magnetic scattering in antisite-disordered Sr ₂ FeMoO ₆ double perovskites. <i>Physical Review B</i> , 2002 , 65,	3.3	138
222	Induction of Colossal Magnetoresistance in the Double Perovskite Sr ₂ CoMoO ₆ . <i>Chemistry of Materials</i> , 2002 , 14, 812-818	9.6	107
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67	Collective excitations in a molecular classical liquid. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992 , 172, 177-183	2.3	6
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65	The structure of Fe-Ni amorphous alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 159-160	2.8	12
64	Weak ferromagnetism of Gd _{1.85} Th _{0.15} CuO ₄ under pressure. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 532-534	2.8	6
63	Magnetic and structural phase transitions in UPd ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 108, 163-164	2.8	39
62	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
61	EXAFS and Raman study of stoichiometric and oxidized Nd ₂ NiO ₄ . <i>Solid State Communications</i> , 1991 , 80, 975-980	1.6	6
60	Magnetic field induced transitions in Pr ₂ NiO ₄ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1225-1226	1.3	
59	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
58	H-Bond in methanol: a molecular dynamics study. <i>Journal of Molecular Structure</i> , 1991 , 250, 147-170	3.4	27
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54	Evidence for magnetic excitations in liquid oxygen. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 3849-3853	3.8	9
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52	Hypersonic relaxation in liquid methanol. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 569-576	1.8	10
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49	Non-collinear magnetic structures of Fe-based amorphous alloys. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 9521-9537	1.8	33
48	Longitudinal spin fluctuations in nickel. <i>Physical Review B</i> , 1991 , 43, 575-584	3.3	30
47	Dynamics of longitudinal and transverse fluctuations above T _c in EuS. <i>Physical Review B</i> , 1991 , 43, 8755-8758	3.5	24
46	Lattice instability and low-temperature phase transition in Pr ₂ NiO ₄ . <i>Physical Review B</i> , 1991 , 43, 13766-13769	3.7	23
45	Magnetic transitions in Pr ₂ NiO ₄ single crystal. <i>Journal of Applied Physics</i> , 1991 , 70, 6329-6331	2.5	7
44	Magnetic transitions in Nd ₂ NiO ₄ . <i>Physical Review B</i> , 1991 , 43, 10451-10454	3.3	15
43	Observation of propagating collective excitations in liquid SO ₂ . <i>Journal of Chemical Physics</i> , 1991 , 95, 5387-5391	3.9	11
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41	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
40	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
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37	Neutron diffraction study of the magnetic structure of Er ₂ BaNiO ₅ . <i>Solid State Communications</i> , 1990 , 76, 467-474	1.6	63
36	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
35	Coherent Inelastic Neutron Scattering Response from Liquid Methanol. <i>Europhysics Letters</i> , 1990 , 12, 129-134	1.6	21
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31	Antiferromagnetic ordering in Co-Cu single-crystal superlattices. <i>Physical Review B</i> , 1989 , 39, 9726-9729	3.3	139
30	Antiferromagnetism in La _{2-x} Sr _x NiO _{4-y} . <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 1273-1274	1.3	8
29	Magnetic and X-ray diffraction characterization of stoichiometric Pr ₂ NiO ₄ and Nd ₂ NiO ₄ oxides. <i>Solid State Communications</i> , 1989 , 72, 273-277	1.6	34
28	Neutron diffraction study on the orthorhombic form of La ₂ NiO ₄ . <i>Journal of the Less Common Metals</i> , 1989 , 149, 357-361		14
27	Magnetization Processes Analysis in Co-Cu Superlattices. <i>Materials Research Society Symposia Proceedings</i> , 1989 , 151, 117		3
26	Low frequency relaxation effects in pure and doped BaTiO ₃ . <i>Ferroelectrics</i> , 1988 , 81, 19-22	0.6	6
25	Thermal hysteresis and relaxation effects near TC in alanine doped triglycine sulphate. <i>Ferroelectrics</i> , 1988 , 81, 49-52	0.6	6
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23	Statistical theory of β -alanine doped triglycine sulphate near T _c and comparison with experimental data. <i>Ferroelectrics</i> , 1988 , 88, 101-109	0.6	3
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21	Raman scattering study of Rb _{1-x} (ND ₄) ₂ PO ₄ mixed crystal. <i>Ferroelectrics</i> , 1987 , 76, 23-32	0.6	14
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18	Magnetic structure of $\text{Rb-FeC}_2\text{O}_4 \cdot 2\text{D}_2\text{O}$. <i>Journal of Applied Physics</i> , 1987 , 61, 3420-3422	2.5	11
17	Ferroelectric mean-field equation of state for rochelle salt near the upper Tc. <i>Phase Transitions</i> , 1987 , 9, 253-258	1.3	1
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11	Temperature dependence of the Raman spectra of RbH_2PO_4 and RbD_2PO_4 . <i>Ferroelectrics</i> , 1985 , 65, 43-53	0.6	10
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5	Well behaved temperature dependence of the ferroelectric coercive field near Tc in Tgs. <i>Ferroelectrics</i> , 1982 , 44, 5-10	0.6	4
4	Temperature dependence of the internal bias in TGS-Alanine crystals near Tc. <i>Ferroelectrics</i> , 1982 , 44, 221-226	0.6	6
3	Well behaved temperature dependence of the ferroelectric coercive field near Tc in TGS. <i>Ferroelectrics, Letters Section</i> , 1982 , 44, 5-10	0.5	4
2	SnSe:K_x intermetallic thermoelectric polycrystals prepared by arc-melting. <i>Journal of Materials Science</i> , 1	4.3	0

1	Magnetic Properties of Efficient Catalysts Based on La-Doped Ceria-Supported Nickel Nanoparticles for rWGS Reaction. Influence of Ni Loading. <i>Advanced Sustainable Systems</i> ,2100029	5.9	1
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