

Javier Tejada

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.

299
papers

9,068
citations

44
h-index

87
g-index

305
ext. papers

9,369
ext. citations

3.3
avg, IF

5.41
L-index

#	Paper	IF	Citations
299	Ex vivo assessment and in vivo validation of non-invasive stent monitoring techniques based on microwave spectrometry. <i>Scientific Reports</i> , 2018 , 8, 14808	4.9	12
298	Partial spin reversal in magnetic deflagration. <i>Physical Review B</i> , 2014 , 89,	3.3	4
297	Guidelines for the treatment of acute ischaemic stroke. <i>Neurología</i> , 2014 , 29, 102-22	1.4	75
296	Dynamic decay of a single vortex into vortex-antivortex pairs. <i>Journal of Applied Physics</i> , 2014 , 115, 17D121	1.2	5
295	Observation of commensurability effects in a patterned thin superconducting Pb film using microwave reflection spectrometry. <i>Physical Review B</i> , 2014 , 89,	3.3	15
294	Microwave spectrometry for the evaluation of the structural integrity of metallic stents. <i>Medical Physics</i> , 2014 , 41, 041902	4.4	5
293	Reply to Comment on "Colossal Reduction in Curie Temperature Due to Finite-Size Effects in CoFe ₂ O ₄ Nanoparticles" <i>Chemistry of Materials</i> , 2013 , 25, 2001-2003	9.6	2
292	Magnetic properties of double exchange biased diluted magnetic alloy/ferromagnet/antiferromagnet trilayers. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 176001	1.8	2
291	Quantum forces in solids with two-state systems: Example of molecular magnets. <i>Physical Review B</i> , 2013 , 88,	3.3	3
290	Colossal Reduction in Curie Temperature Due to Finite-Size Effects in CoFe ₂ O ₄ Nanoparticles. <i>Chemistry of Materials</i> , 2013 , 25, 6-11	9.6	33
289	Excitation modes of vortices in submicron magnetic disks. <i>Physical Review B</i> , 2013 , 87,	3.3	7
288	Quantum dynamics of vortices in mesoscopic magnetic disks. <i>Physical Review B</i> , 2013 , 87,	3.3	7
287	Onset of a propagating self-sustained spin reversal front in a magnetic system. <i>Physical Review Letters</i> , 2013 , 110, 207203	7.4	12
286	Goya's artwork imaging with Terahertz waves. <i>Optics Express</i> , 2013 , 21, 17800-5	3.3	58
285	Avalanche-like vortex penetration driven by pulsed microwave fields in an epitaxial LaSrCuO thin film. <i>Journal of Applied Physics</i> , 2013 , 114, 233902	2.5	2
284	The role of temperature in the magnetic irreversibility of type-I Pb superconductors. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 485701	1.8	1
283	Anisotropic magnetic deflagration in single crystals of Gd ₅ Ge ₄ . <i>Physical Review B</i> , 2012 , 85,	3.3	6

282	Quantum depinning of the magnetic vortex core in micron-size permalloy disks. <i>Physical Review B</i> , 2012 , 85,	3.3	11
281	Magnetic field dependence of the quantum tunneling of normal-superconductor interfaces in a type-I Pb superconductor. <i>Physical Review B</i> , 2012 , 85,	3.3	2
280	Assessment of terahertz spectroscopy to detect antibiotic residues in food and feed matrices. <i>Analyst, The</i> , 2011 , 136, 1733-8	5	69
279	Vortex Avalanches Induced by Single High-Frequency Pulses in MgB2 Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 395-400	1.5	2
278	Dissipative macroscopic quantum tunneling in type-I superconductors. <i>Physical Review B</i> , 2011 , 84,	3.3	4
277	Quantum tunneling of the interfaces between normal-metal and superconducting regions of a type-I Pb superconductor. <i>Physical Review B</i> , 2011 , 83,	3.3	8
276	Rotational Doppler effect in magnetic resonance. <i>Physical Review B</i> , 2010 , 82,	3.3	10
275	Inelastic neutron scattering and frequency-domain magnetic resonance studies of S=4 and S=12 Mn6 single-molecule magnets. <i>Physical Review B</i> , 2010 , 81,	3.3	20
274	Magnetic deflagration in Gd5Ge4. <i>Physical Review B</i> , 2010 , 81,	3.3	27
273	Evidence for quantization of mechanical rotation of magnetic nanoparticles. <i>Physical Review Letters</i> , 2010 , 104, 027202	7.4	27
272	Dielectric characterization of alcoholic beverages and solutions of ethanol in water under microwave radiation in the 100 GHz range. <i>Food Research International</i> , 2010 , 43, 1607-1613	7	13
271	Metal-radical chains based on polychlorotriphenylmethyl radicals: synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 3482-8	5.1	10
270	Rotating magnetic field experiments in a pure superconducting Pb sphere. <i>Physical Review B</i> , 2009 , 80,	3.3	6
269	Effects of quantum mechanics on the deflagration threshold in the molecular magnet Mn12 acetate. <i>Physical Review B</i> , 2009 , 79,	3.3	19
268	Propagation of magnetic avalanches in Mn12Ac at high field sweep rates. <i>Physical Review Letters</i> , 2009 , 102, 027203	7.4	22
267	The role of thermal coupling on avalanches in manganites. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 406005	1.8	12
266	Dielectric properties of acetic acid and vinegar in the microwave frequencies range 100 GHz. <i>Journal of Food Engineering</i> , 2009 , 94, 46-51	6	17
265	Spin dynamics in single-molecule magnets combining surface acoustic waves and high-frequency electron paramagnetic resonance. <i>Physical Review B</i> , 2008 , 77,	3.3	14

264	Characterisation of sugar content in yoghurt by means of microwave spectroscopy. <i>Food Research International</i> , 2008 , 41, 104-109	7	20
263	Exchange bias in a superspin glass system of Co particles in Mn matrix. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 134009	3	33
262	Magneto-optical imaging of magnetic deflagration in Mn ₁₂ -Acetate. <i>Europhysics Letters</i> , 2008 , 84, 670106	6	
261	Microwave detection of magnetic phase avalanches in La _{0.225} Pr _{0.4} Ca _{0.375} MnO ₃ manganites. <i>Europhysics Letters</i> , 2008 , 82, 37005	1.6	3
260	Magnetic fingerprints of the very fast jumps of colossal magnetoresistance in the phase-separated manganite La _{0.225} Pr _{0.40} Ca _{0.375} MnO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	12
259	Topological magnetic irreversibility in superconducting Pb samples of various shapes. <i>Physical Review B</i> , 2008 , 78,	3.3	13
258	Quantum Nanomagnetism. <i>Ferroelectrics</i> , 2008 , 363, 120-126	0.6	
257	High-frequency vortex matching effects in Pb thin films with a periodic array of antidots. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 777-780	1.3	1
256	Magnetic moment relaxation studies by swept and pulsed microwave technique in LaSrCuO epitaxial thin film. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 805-808	1.3	2
255	Phonon-induced quantum magnetic deflagration in Mn ₁₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 1457-1463	2.8	10
254	First-row transition-metal complexes based on a carboxylate polychlorotriphenylmethyl radical: trends in metal-radical exchange interactions. <i>Inorganic Chemistry</i> , 2007 , 46, 1627-33	5.1	31
253	Structural and magnetic modulation of a purely organic open framework by selective guest inclusion. <i>Chemistry - A European Journal</i> , 2007 , 13, 8153-63	4.8	36
252	The magnetocaloric effect in high-spin paramagnetic rare-earth fluorites. <i>Materials Chemistry and Physics</i> , 2007 , 105, 62-66	4.4	14
251	Exchange bias in Co nanoparticles embedded in an Mn matrix. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, 155-158	2.8	29
250	Observation of phonon-induced magnetic deflagration in manganites. <i>Physical Review B</i> , 2007 , 76,	3.3	36
249	Pumping spin states of molecular magnets by strong rotating magnetic field. <i>Applied Physics Letters</i> , 2007 , 91, 202502	3.4	3
248	Bubble Detector in Polyurethane Applications Based on a Microwave System. <i>IEEE Sensors Journal</i> , 2006 , 6, 939-944	4	2
247	Acoustomagnetic pulse experiments in LiNbO ₃ /Mn ₁₂ hybrids. <i>Applied Physics Letters</i> , 2006 , 88, 012503	3.4	14

246	Deterministic spontaneous avalanches in MnCr molecular magnets. <i>Europhysics Letters</i> , 2006 , 75, 811-817.	7.6	11
245	Magnetic characterisation of La ₂ B ₂ CuO ₄ at microwave frequencies. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 419-423	3.9	
244	Dielectric study of milk for frequencies between 1 and 20GHz. <i>Journal of Food Engineering</i> , 2006 , 76, 250-255	6	64
243	An unusually stable trinuclear manganese(II) complex bearing bulk carboxylic radical ligands. <i>Inorganic Chemistry</i> , 2005 , 44, 6936-8	5.1	17
242	Coexistence of ferro- and antiferromagnetic interactions in a metal-organic radical-based (6,3)-helical network with large channels. <i>Chemical Communications</i> , 2005 , 5035-7	5.8	77
241	Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. <i>Chemical Communications</i> , 2005 , 4801-3	5.8	20
240	Carboxylic-substituted polychlorotriphenylmethyl radicals, new organic building-blocks to design nanoporous magnetic molecular materials. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1213-1225	2.7	16
239	Quantum magnetic deflagration in acetate. <i>Physical Review Letters</i> , 2005 , 95, 217205	7.4	63
238	Low-temperature microwave emission from molecular clusters. <i>Europhysics Letters</i> , 2005 , 69, 270-276	1.6	17
237	Scaling of the susceptibility vs. magnetic-field sweep rate in Fe ₈ molecular magnet. <i>Europhysics Letters</i> , 2004 , 68, 888-893	1.6	3
236	Electromagnetic radiation produced by avalanches in the magnetization reversal of Mn ₁₂ -acetate. <i>Applied Physics Letters</i> , 2004 , 84, 2373-2375	3.4	29
235	Pulsed-field studies of the magnetization reversal in molecular nanomagnets. <i>Physical Review B</i> , 2004 , 70,	3.3	13
234	Electron spin resonance measurements in CoFe ₂ O ₄ free rotor nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1191-E1192	2.8	1
233	A robust purely organic nanoporous magnet. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1828-1834	7.4	88
232	A Robust Purely Organic Nanoporous Magnet. <i>Angewandte Chemie</i> , 2004 , 116, 1864-1868	3.6	10
231	Experimental evidence of the dependence of spin tunneling on the concentration of dislocations in Mn ₁₂ crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1111-1112	2.8	1
230	Quantum dynamics of crystals of molecular magnets inside microwave resonators. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1106-1108	2.8	3
229	Resonant experiments in magnetism: superradiance and magnetic spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 2131-2135	2.8	3

228	Open-shell channel-like salts formed by the supramolecular assembly of a tricarboxylated perchlorotriphenylmethyl radical and a [Co(bpy) ₃] ²⁺ cation. <i>CrystEngComm</i> , 2004 , 6, 573	3.3	12
227	A robust nanocontainer based on a pure organic free radical. <i>Journal of the American Chemical Society</i> , 2004 , 126, 730-1	16.4	71
226	Magnetism of isolated Mn ₁₂ single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. <i>Physical Review B</i> , 2004 , 69,	3.3	32
225	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2455-2460		45
224	Magnetocaloric effect in Mn ₁₂ -Cl benzoate. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, L119-L123	1.8	15
223	Synthesis and Characterization of a [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. <i>Monatshefte für Chemie</i> , 2003 , 134, 265-276	1.4	19
222	Isolated Single-Molecule Magnets on the Surface of a Polymeric Thin Film. <i>Advanced Materials</i> , 2003 , 15, 42-45	24	79
221	Synthesis and characterization of a new chiral nanomagnet. <i>Polyhedron</i> , 2003 , 22, 2355-2358	2.7	17
220	A nanoporous molecular magnet with reversible solvent-induced mechanical and magnetic properties. <i>Nature Materials</i> , 2003 , 2, 190-5	27	595
219	Magnetic detection of millimeter waves. <i>Europhysics Letters</i> , 2003 , 64, 158-163	1.6	1
218	Microwave absorption and magnetization tunneling in Mn ₁₂ -acetate molecular clusters. <i>Physical Review B</i> , 2003 , 67,	3.3	13
217	High-resolution detection of resonant frequencies of microwave resonators via magnetic measurements. <i>Applied Physics Letters</i> , 2003 , 82, 4528-4530	3.4	7
216	Quantum dynamics of crystals of molecular nanomagnets inside a resonant cavity. <i>Physical Review B</i> , 2003 , 68,	3.3	9
215	Iron oxide nanoparticles hosted in silica aerogels. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 74, 591-597	2.6	57
214	Magnetocaloric effect in random magnetic anisotropy materials. <i>Applied Physics Letters</i> , 2002 , 81, 2427-2429	3.4	22
213	Magnetic relaxation measurements of Fe ₂ O ₃ antiferromagnetic particles below 1 K. <i>Physical Review B</i> , 2002 , 65,	3.3	16
212	Quadratic transverse anisotropy term due to dislocations in Mn ₁₂ acetate crystals directly observed by EPR spectroscopy. <i>Physical Review B</i> , 2002 , 65,	3.3	22
211	Crystal defects and spin tunneling in single crystals of Mn ₁₂ clusters. <i>Physical Review B</i> , 2002 , 66,	3.3	13

210	Relaxation and Landau-Zener experiments down to 100 mK in ferritin. <i>Physical Review B</i> , 2002 , 65,	3.3	7
209	Experimental observation of quantum relaxation and quantum coherence in molecular magnetic clusters. <i>Polyhedron</i> , 2001 , 20, 1451-1457	2.7	2
208	Quantum behaviour of molecule-based magnets: basic aspects (quantum tunneling and quantum coherence) and applications (hardware for quantum computers and magnetic refrigeration). A tutorial. <i>Polyhedron</i> , 2001 , 20, 1751-1756	2.7	30
207	Fe/Cr sensor for the milliKelvin temperature range. <i>Sensors and Actuators A: Physical</i> , 2001 , 91, 177-179	3.9	1
206	Preparation and characterization of polystyrene-based magnetic nanocomposites. Thermal, mechanical and magnetic properties. <i>Polymer Engineering and Science</i> , 2001 , 41, 1845-1852	2.3	19
205	Preparation and characterization of poly(vinyl alcohol)-based magnetic nanocomposites. 1. Thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 3215-3222	2.9	69
204	Magnetic susceptibility of sodium rare-earth fluorites $\text{Na}_{0.5} \text{R}_{0.5} \text{F}_2 + 2x$ (R = Dy, Ho, Er, Tm, Yb) and some ordered phases. <i>Crystallography Reports</i> , 2001 , 46, 483-487	0.6	1
203	Unconventional magnetic behavior of iron-oxide nanoparticles in polymeric matrices. <i>Journal of Applied Physics</i> , 2001 , 90, 1534-1539	2.5	24
202	Free Rotation of Magnetic Nanoparticles in a Solid Matrix. <i>Chemistry of Materials</i> , 2001 , 13, 1487-1490	9.6	40
201	Magnetic applications of polymer gels. <i>Macromolecular Symposia</i> , 2001 , 166, 173-178	0.8	10
200	Magnetic qubits as hardware for quantum computers. <i>Nanotechnology</i> , 2001 , 12, 181-186	3.4	252
199	Silica aerogel/iron oxide nanocomposites: structural and magnetic properties. <i>Journal of Non-Crystalline Solids</i> , 2001 , 285, 37-43	3.9	60
198	Electrochemical synthesis of nanoparticles of magnetic mixed oxides of Sr-Fe and Sr-Co-Fe. <i>Journal of Nanoscience and Nanotechnology</i> , 2001 , 1, 441-9	1.3	5
197	Magnetic and calorimetric measurements on the magnetocaloric effect in $\text{La}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 208, 85-92	2.8	108
196	Room-temperature magnetic refrigerator using permanent magnets. <i>IEEE Transactions on Magnetics</i> , 2000 , 36, 538-544	2	81
195	Giant and time-dependent magnetocaloric effect in high-spin molecular magnets. <i>Applied Physics Letters</i> , 2000 , 77, 3248-3250	3.4	101
194	Enhanced pinning in a magnetic-superconducting bilayer. <i>Applied Physics Letters</i> , 2000 , 77, 2900-2902	3.4	55
193	High-frequency resonant experiments in Fe_8 molecular clusters. <i>Physical Review B</i> , 2000 , 62, 3018-3021	3.3	56

192	Observation of quantum coherence in mesoscopic molecular magnets. <i>Physical Review Letters</i> , 2000 , 85, 4377-80	7.4	68
191	Solid containing rotationally free nanocrystalline Fe ₂ O ₃ : Material for a nanoscale magnetic compass?. <i>Journal of Applied Physics</i> , 2000 , 87, 8008-8012	2.5	24
190	Electrochemical Route for the Synthesis of New Nanostructured Magnetic Mixed Oxides of Mn, Zn, and Fe from an Acidic Chloride and Nitrate Medium. <i>Chemistry of Materials</i> , 2000 , 12, 3060-3067	9.6	17
189	Electrochemical Synthesis of New Magnetic Mixed Oxides of Sr and Fe: Composition, Magnetic Properties, and Microstructure. <i>Chemistry of Materials</i> , 2000 , 12, 573-579	9.6	19
188	Resonant magnetic tunnelling in Mn ₁₂ -Cl benzoate. <i>Nanotechnology</i> , 1999 , 10, 86-89	3.4	10
187	Spin-phonon avalanches in Mn ₁₂ acetate. <i>Physical Review B</i> , 1999 , 60, 11898-11901	3.3	41
186	Time-dependent heat capacity of Mn ₁₂ clusters. <i>Physical Review B</i> , 1999 , 60, 14557-14560	3.3	13
185	Resonant spin tunneling in small antiferromagnetic particles. <i>Physical Review B</i> , 1999 , 59, 11837-11846	3.3	57
184	Thermally assisted resonant quantum tunneling of magnetization in Fe ₈ clusters. <i>Journal of Applied Physics</i> , 1999 , 85, 5633-5635	2.5	11
183	Magnetocaloric effect in La _{0.65} Ca _{0.35} Ti _{1-x} MnxO ₃ ceramic perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 455-457	2.8	20
182	Macroscopic quantum tunneling of the magnetic moment. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 552-557	2.8	9
181	Low temperature magnetization and resistivity measurements in Co based soft magnetic microwires. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 821-823	2.8	8
180	The effect of hydrogen on the magnetic properties of the Nd ₂ Fe ₁₄ B compound. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 195, 476-482	2.8	4
179	Effect of Dissipation on Quantum Tunneling of Vortices in Tl ₂ Ba ₂ Ca ₂ Cu ₃ O ₁₀ Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 1998 , 11, 297-303		
178	Experimental and theoretical characterization of the high-affinity cation-binding site of the purple membrane. <i>Biophysical Journal</i> , 1998 , 75, 777-84	2.9	15
177	Tunable magnetocaloric effect in ceramic perovskites. <i>Applied Physics Letters</i> , 1998 , 73, 390-392	3.4	189
176	Experimental evidence of macroscopic resonant tunneling of magnetization in antiferromagnetic ferritin. <i>Journal of Applied Physics</i> , 1998 , 83, 6934-6936	2.5	3
175	Temperature dependence of the magnetic and transport properties of Co ₁₅ Cu ₈₅ magnetic granular alloys. <i>Journal of Applied Physics</i> , 1998 , 83, 3134-3138	2.5	6

174	Tejada et al. Reply.. <i>Physical Review Letters</i> , 1998 , 81, 736-736		7.4
173	Macroscopic Quantum Tunneling of the Magnetic Moment 1998 ,		247
172	Macroscopic Resonant Tunneling of Magnetization in Ferritin. <i>Physical Review Letters</i> , 1997 , 79, 1754-1757		118
171	Evidence for resonant tunneling of magnetization in Mn ₁₂ acetate complex. <i>Physical Review B</i> , 1997 , 55, 5858-5865	3.3	117
170	Effect of a transverse magnetic field on resonant magnetization tunneling in high-spin molecules. <i>Journal of Applied Physics</i> , 1997 , 81, 3978-3980	2.5	46
169	Thermally activated and field-tuned tunneling in Mn ₁₂ Ac studied by ac magnetic susceptibility. <i>Physical Review B</i> , 1997 , 55, 11448-11456	3.3	148
168	Quantum tunneling of magnetization in mesoscopic systems. <i>Scripta Materialia</i> , 1997 , 9, 301-310		23
167	Enhanced surface atomic step motion observed in real time after nanoindentation of NaCl(100). <i>Surface Science</i> , 1997 , 380, 427-433	1.8	9
166	High-vacuum versus Environmental Electron beam deposition. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1996 , 14, 2609		52
165	Field tuning of thermally activated magnetic quantum tunnelling in Mn ₁₂ Ac molecules. <i>Europhysics Letters</i> , 1996 , 35, 301-306	1.6	268
164	Magnetic properties, relaxation, and quantum tunneling in CoFe ₂ O ₄ nanoparticles embedded in potassium silicate. <i>Physical Review B</i> , 1996 , 54, 4101-4106	3.3	69
163	Steps in the hysteresis loops of a high-spin molecule. <i>Journal of Applied Physics</i> , 1996 , 79, 6031	2.5	103
162	Macroscopic measurement of resonant magnetization tunneling in high-spin molecules. <i>Physical Review Letters</i> , 1996 , 76, 3830-3833	7.4	1622
161	Magnetocaloric effect in La _{0.67} Ca _{0.33} MnO ₃ and La _{0.60} Y _{0.07} Ca _{0.33} MnO ₃ bulk materials. <i>Applied Physics Letters</i> , 1996 , 69, 3596-3598	3.4	240
160	Quantum Tunneling of Magnetization in Nanostructured Materials. <i>Chemistry of Materials</i> , 1996 , 8, 1784-1792		120
159	Quantum vortex motion in high-T _c superconductors. <i>Journal of Applied Physics</i> , 1996 , 79, 6516	2.5	1
158	Experimental evidence of a crossover in the vortex dimensionality in high-T _c superconductors. <i>Journal of Applied Physics</i> , 1996 , 79, 6589	2.5	1
157	Quantum tunneling of vortices in high-T _c superconducting cuprates. <i>European Physical Journal D</i> , 1996 , 46, 1743-1744		

156	Resistance of ceramic samples: 2D localization and time dependence. <i>European Physical Journal D</i> , 1996 , 46, 2493-2494		
155	Resonant tunneling of magnetization in Mn ₁₂ acetate complex. <i>European Physical Journal D</i> , 1996 , 46, 2135-2136		
154	AC susceptibility study of the magnetic relaxation phenomena in CrO ₂ digital compact cassette magnetic tapes. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 157-158, 266-267	2.8	4
153	Giant magnetoresistance in magnetic granular Co ₁₅ Cu ₈₅ alloys annealed by direct-current Joule heating. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 164, 99-104	2.8	8
152	Structure, magnetic properties, and giant magnetoresistance in melt-spun metallic copper-cobalt ribbons. <i>Journal of Applied Physics</i> , 1996 , 79, 1979-1990	2.5	29
151	Magnetic viscosity far and close to equilibrium in the superparamagnetic alloy. <i>Journal of Applied Physics</i> , 1996 , 79, 5406	2.5	2
150	Computational calculations of magnetic relaxation and viscosity in small magnetic grains. <i>Journal of Applied Physics</i> , 1996 , 79, 4686	2.5	6
149	Magnetic properties and giant magnetoresistance in La _{0.67} Ca _{0.33} MnO _x bulk material. <i>Applied Physics Letters</i> , 1996 , 68, 3191-3193	3.4	16
148	Magnetic properties and domain-wall motion in single-crystal BaFe _{10.2} Sn _{0.74} Co _{0.66} O ₁₉ . <i>Physical Review B</i> , 1996 , 53, 3336-3340	3.3	44
147	Computer simulation of slow magnetic relaxation. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 365-366	2.8	4
146	Magnetic properties of multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 559-560.8		3
145	Self-heating in magnetic relaxation experiments in TbFeO ₃ single crystal and Fe ₃ Tb metallic alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 150, 119-123	2.8	1
144	Experiments in quantum magnetic relaxation. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1815-1818	2.8	32
143	Magnetic relaxation phenomena in the erbium orthoferrite ErFeO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 2165-2166	2.8	3
142	Magnetic relaxation and quantum tunneling in nanocrystalline particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1853-1854	2.8	20
141	Magnetic and magnetotransport properties in Co ₅ Cu ₉₅ melt-spun alloys. <i>European Physical Journal B</i> , 1995 , 98, 447-451	1.2	2
140	Magnetic properties and giant magnetoresistance in melt-spun Co-Cu alloys. <i>Journal of Applied Physics</i> , 1995 , 78, 392-397	2.5	50
139	Magnetic relaxation and quantum tunneling of vortices in a polycrystalline Hg _{0.8} Tl _{0.2} Ba ₂ Ca ₂ Cu ₃ O _{8+δ} superconductor. <i>Physical Review B</i> , 1995 , 52, 1325-1330	3.3	8

138	Magnetic properties and giant magnetoresistance of magnetic granular Co ₁₀ Cu ₉₀ alloys obtained by direct-current joule heating. <i>Journal of Applied Physics</i> , 1995 , 78, 5062-5066	2.5	15
137	Asymmetric giant magnetoresistance in Co ₁₀ Cu ₉₀ magnetic granular alloys. <i>Physical Review B</i> , 1995 , 52, R6987-R6990	3.3	13
136	Evidence of extended orientational order in amorphous Fe/Sm thin films. <i>Physical Review B</i> , 1995 , 52, 10202-10206	3.3	4
135	Magnetic properties and giant magnetoresistance in melt-spun Co ₁₅ Cu ₈₅ alloys. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 4081-4093	1.8	16
134	Magnetic properties and giant magnetoresistance in magnetic granular Co _x Cu _{100-x} alloys. <i>Journal Physics D: Applied Physics</i> , 1995 , 28, 1770-1777	3	13
133	Quantum Tunnelling of Antiferromagnetic Domain Walls in TbFeO ₃ Single Crystal. <i>Europhysics Letters</i> , 1995 , 30, 227-232	1.6	15
132	Exponential relaxation in TbFeO ₃ : a quantum surface nucleation problem. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 5097-5104	1.8	
131	Electron beam deposition of gold nanostructures in a reactive environment. <i>Applied Physics Letters</i> , 1995 , 66, 2080-2082	3.4	75
130	Improved giant magnetoresistance in magnetic granular Co ₅ Cu ₉₅ alloys by direct-current joule heating. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1995 , 99, 159-161		2
129	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 778-780	2	4
128	On magnetic relaxation in antiferromagnetic horse-spleen ferritin proteins. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 263-266	1.8	31
127	Time-dependent phenomena at low temperature in magnetic digital compact cassette tape. <i>Journal of Applied Physics</i> , 1994 , 75, 5637-5638	2.5	7
126	Low-temperature quantum relaxation of single two-dimensional vortices in an epitaxial Tl ₂ Ba ₂ Ca ₂ Cu ₃ O _x thin film. <i>Physical Review B</i> , 1994 , 50, 9439-9444	3.3	8
125	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 714-716	2	15
124	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 502-504	2	3
123	Computer-simulation study of magnetic relaxation in anisotropic magnetic systems. <i>Physical Review B</i> , 1994 , 49, 3867-3873	3.3	15
122	Magnetic properties of an Fe/Cu granular multilayer. <i>Journal of Applied Physics</i> , 1994 , 75, 6557-6559	2.5	7
121	Flux motion by quantum tunnelling in high-T _c superconductors. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994 , 16, 1925-1932		

120	Experimental evidence of quantum tunneling of 2D vortices up to 10 K in bulk $Tl_2Ba_2Ca_2Cu_3O_{10}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 232, 99-103	1.3	7
119	Quantum relaxation of vortices in a sintered Tl-2223 high-Tc superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2957-2958	1.3	5
118	Quantum tunneling of vortices in an epitaxial Tl-based thin-film. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2961-2962	1.3	
117	Magnetic relaxation in very thin films of Dy deposited onto crystalline Cu(111). <i>European Physical Journal B</i> , 1994 , 94, 245-248	1.2	10
116	Magnetic relaxation phenomena in CrO ₂ digital compact cassette magnetic tapes. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 129, L109-L114	2.8	6
115	Quantum exponential relaxation of antiferromagnetic domain walls in FeTbO ₃ single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 137, L235-L238	2.8	19
114	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 708-710	2	16
113	. <i>IEEE Transactions on Magnetics</i> , 1994 , 30, 818-820	2	1
112	Quantum relaxation in magnetism and high-Tc superconductors. <i>Physica Scripta</i> , 1994 , T55, 131-135	2.6	
111	Evidence of the Extended Orientational Order in Amorphous Alloys Obtained from Magnetic Measurements. <i>Europhysics Letters</i> , 1993 , 23, 517-522	1.6	11
110	Non-Thermal Viscosity in the Magnetic Relaxation of 2 d Random Magnets. <i>Europhysics Letters</i> , 1993 , 22, 211-216	1.6	8
109	Structural disorder in two-dimensional random magnets: Very thin films of rare earths and transition metals. <i>Physical Review B</i> , 1993 , 47, 11848-11851	3.3	7
108	Magnetic study of M-type doped barium ferrite nanocrystalline powders. <i>Journal of Applied Physics</i> , 1993 , 74, 3333-3340	2.5	112
107	Quantum tunneling of vortices in the $Tl_2CaBa_2Cu_2O_8$ superconductor. <i>Physical Review B</i> , 1993 , 47, 11552-11554	3.3	54
106	Quantum relaxation in random magnets. <i>Physical Review B</i> , 1993 , 47, 14977-14987	3.3	75
105	Quantum tunneling of magnetization in single domain particles. <i>Journal of Applied Physics</i> , 1993 , 73, 6952-6954	2.5	20
104	Nonthermal viscosity in magnets: Quantum tunneling of the magnetization (invited). <i>Journal of Applied Physics</i> , 1993 , 73, 6709-6714	2.5	78
103	Paramagnetic Susceptibility of Nonstoichiometric Fluorides with the Fluorite-Type Structure. <i>Journal of Solid State Chemistry</i> , 1993 , 102, 198-203	3.3	2

102	Langevin equation approach for slow dynamics in magnetic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993 , 181, 335-339	2.3	5
101	Flux motion in Bi and Tl based superconductors. <i>Applied Superconductivity</i> , 1993 , 1, 935-945		2
100	Iron chromium antimonates and iron gallium antimonates: preparation, structural and magnetic properties. <i>Polyhedron</i> , 1993 , 12, 1581-1586	2.7	4
99	Magnetization and Mössbauer studies of ultrafine Fe-C particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 124, 269-276	2.8	104
98	Dependence of magnetic viscosity on temperature and external magnetic fields in very thin iron films (5 Å) deposited onto crystalline Cu(111). <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 118, 65-69	2.8	9
97	Magnetic behaviour of Fe/Y multilayers versus magnetic layer thickness. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 118, 70-76	2.8	2
96	Magnetic properties of nanocrystalline barium hexaferrite powders: anisotropy field and interaction effects. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 127, 229-232	2.8	8
95	Sharp transition between thermal and quantum tunneling regimes in magnetization relaxation processes. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 121, 227-229	2.8	1
94	Quantum tunnelling effects in Fe/Sm multilayers. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, L163-L168		26
93	Quantum depinning of domain walls in ferromagnets. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 10347-10352		26
92	Experimental evidence of quantum tunnelling in TlBaCaCuO. <i>Journal of Physics Condensed Matter</i> , 1992 , 4, 10341-10346	1.8	16
91	Magnetic interactions in the compounds Fe _{0.33} NbTiP ₃ O ₁₂ , Sn _{0.5} NbTiP ₃ O ₁₂ and Mn _{0.5} NbTiP ₃ O ₁₂ . <i>Polyhedron</i> , 1992 , 11, 1157-1159	2.7	1
90	Time dependent phenomena at low temperatures in SmCo multilayers: quantum nucleation phenomena. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992 , 163, 130-134	2.3	35
89	Quantum tunneling of magnetization in metallic FeC ferrofluids. <i>European Physical Journal B</i> , 1992 , 89, 209-212	1.2	26
88	Random anisotropy induced by structural disorder. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 123-124	2.8	1
87	Disordered magnetic properties in the system Zn _x Cd _{1-x} Cr ₂ S ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1641-1642	2.8	11
86	Electron spin resonance in the spin-glass-like system Fe _{1-x} Ga _x SbO ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1649-1651	2.8	
85	Quantum tunneling of magnetization in multilayer systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 109, L159-L163	2.8	17

84	Magnetic properties of Fe/Cu multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 93, 425-428	2.8	17
83	Magnetic phase diagram of Fe-Y multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 93, 429-431	2.8	3
82	Magnetic properties of compositionally modulated thin films of rare earth and transition metal. <i>Journal of Magnetism and Magnetic Materials</i> , 1991 , 101, 181-186	2.8	27
81	Study of the provenance of Terra sigillata by Mössbauer spectroscopy. <i>Fresenius Journal of Analytical Chemistry</i> , 1991 , 341, 611-614		3
80	Relaxation effects in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} and Bi _{1.7} Pb _{0.3} Sr ₂ Ca ₁ Cu ₂ O _{8+x} single crystals. <i>Superconductor Science and Technology</i> , 1991 , 4, S223-S225	3.1	1
79	Magnetic properties of Fe/Tb multilayers. <i>Journal of Applied Physics</i> , 1991 , 70, 6206-6208	2.5	10
78	Noncritical behavior and remanent magnetization in magnetically frustrated FeSbO ₄ . <i>Physical Review B</i> , 1991 , 44, 691-698	3.3	12
77	Electron-spin resonance in the spin-glass-like system Fe _{1-x} Ga _x SbO ₄ . <i>Physical Review B</i> , 1991 , 44, 4455-4460	3.5	14
76	Correlated spin glass generated by structural disorder in the amorphous Dy ₆ Fe ₇₄ B ₂₀ alloy. <i>Physical Review B</i> , 1991 , 44, 7698-7700	3.3	45
75	Magnetic behavior of ferromagnets with random anisotropy. <i>Journal of Applied Physics</i> , 1990 , 67, 5984-5986	3.6	4
74	Magnetic properties of the three-sites alternating bimetallic chains Cu ₃ [M(cda)] ₂ (OH) ₂ (NO ₃) ₂ ·7H ₂ O (M=Cu,Ni) (abstract). <i>Journal of Applied Physics</i> , 1990 , 67, 6016-6016 ²⁻⁵		
73	. <i>IEEE Transactions on Magnetics</i> , 1990 , 26, 2753-2755	2	1
72	Cems studies in iron-silicon thin films. <i>Hyperfine Interactions</i> , 1990 , 52, 321-327	0.8	2
71	Low-temperature magnetization measurements and magnetostriction of (Fe _{80-x} R _x)B ₂₀ (R = Y, Ce, Nd, Sm, Gd, Dy, Ho, Er, Tm, Lu) (0 <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 86, 219-224	2.8	2
70	Magnetic properties of multilayer ferromagnetic thin films of Fe/La. <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 83, 69-71	2.8	4
69	Magnetic measurements on Bi-Sr-Ca-Cu-O superconductor. <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 83, 509-510	2.8	4
68	Low temperature magnetization of antiferromagnetic YBa ₂ Cu ₃ O ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 83, 517-518	2.8	3
67	Magnetic relaxation and critical current in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} single crystals. <i>Journal of Superconductivity and Novel Magnetism</i> , 1990 , 3, 211-214		2

66	Spin glass-type behavior in iron antimonate: The identification of unusual phenomena at low temperatures in low magnetic fields. <i>Journal of Solid State Chemistry</i> , 1990 , 87, 237-240	3.3	4
65	Short-range antiferromagnetic correlations in spin-glass-like iron antimonate of composition FeSbO ₄ . <i>Journal of Physics Condensed Matter</i> , 1990 , 2, 6801-6806	1.8	11
64	Magnetic studies of Fe-Y compositionally modulated thin films. <i>Journal of Applied Physics</i> , 1990 , 67, 5652-5654	2.5	11
63	Electronic structure determination and dynamical properties of iron (II)-guanosine-5' monophosphate complex via mossbauer and magnetic susceptibility measurements. <i>Journal of Chemical Physics</i> , 1990 , 92, 6131-6139	3.9	2
62	Phenomenological study of the amorphous Fe ₈₀ B ₂₀ ferromagnet with small random anisotropy. <i>Physical Review B</i> , 1990 , 42, 898-905	3.3	37
61	Dissipative effects in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O ₈ + x and Bi _{1.7} Pb _{0.3} Sr ₂ Ca ₁ Cu ₂ O ₈ + x single crystals. <i>Journal of the Less Common Metals</i> , 1990 , 164-165, 553-558		
60	. <i>IEEE Transactions on Magnetics</i> , 1989 , 25, 3363-3365	2	15
59	Magnetic investigation of Bi ₂ Sr ₂ CaCu ₂ O ₈ +x single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 319-320	1.3	3
58	Magnetic frustration and lattice dimensionality in SrCr ₈ Ga ₄ O ₁₉ . <i>Solid State Communications</i> , 1988 , 65, 189-192	1.6	183
57	An investigation of the spin glass behaviour in iron antimonate by iron-57 and antimony-121 Mossbauer spectroscopy. <i>Hyperfine Interactions</i> , 1988 , 41, 463-466	0.8	5
56	Spin-glass behavior in mixed metal oxides with a rutile-type structure. <i>Journal of Applied Physics</i> , 1988 , 63, 4337-4339	2.5	4
55	Phase transition in the Ising ferromagnetic model with fixed spins. <i>Physical Review B</i> , 1988 , 38, 500-507	3.3	3
54	Phase transition in Ising ferromagnetic lattices with fixed spins (abstract). <i>Journal of Applied Physics</i> , 1988 , 63, 3041-3041	2.5	
53	Meissner effect and critical fields in an inhomogeneous Ba ₂ HoCu ₃ O _{7-x} high-T _c superconductor. <i>Physical Review B</i> , 1988 , 38, 2455-2459	3.3	8
52	Quenching of ferrimagnetic-like ordering in SrCr ₈ Fe ₄ O ₁₉ hexagonal ferrite. <i>Journal of Applied Physics</i> , 1988 , 63, 4091-4093	2.5	10
51	Magnetic properties of amorphous Fe-Si compositionally modulated thin films. <i>Journal of Applied Physics</i> , 1988 , 63, 3206-3208	2.5	8
50	. <i>IEEE Transactions on Magnetics</i> , 1988 , 24, 1694-1696	2	2
49	Magnetic properties of Ba ₂ SmCu ₃ O _{9-x} high T _c superconductor. <i>Solid State Communications</i> , 1987 , 64, 707-710	1.6	13

48	Spin glass transition in iron antimonate: The inducement by cationic ordering of localized magnetic order in a mixed metal oxide with a superlattice. <i>Journal of Solid State Chemistry</i> , 1987 , 71, 582-586	3.3	12
47	Absolute efficiency calibration function for the energy range 63B054 keV for a coaxial Ge(Li) detector. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1987 , 28, 123-127	1.2	11
46	Particle orientation distribution in Fe_2O_3 magnetic tapes by Mössbauer and hysteresis loop measurements. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 2812-2814	2	1
45	Spin glass behavior of FeSbO_4 studied by Mössbauer spectroscopy and magnetometry. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 2311-2313	2	3
44	Mössbauer studies of amorphous FeSi compositionally modulated thin films. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 3581-3583	2	1
43	Magnetic Susceptibility and Mössbauer Emission Studies on the Relation between Structure and Degree of Hydration of Co(II)-5?IMP Complexes. <i>Zeitschrift Fur Physikalische Chemie</i> , 1986 , 149, 201-211	3.1	2
42	Three-dimensional ferromagnetic ising models with quenched, random non-magnetic impurities. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986 , 142, 31-40		3
41	Mössbauer emission studies of ^{57}Co -doped ZnO , Cu_2O , and TiCoO_3 . <i>Physica Status Solidi (B): Basic Research</i> , 1986 , 134, 297-302	1.3	2
40	On the electric field effect in the mössbauer emission studies. <i>Physica Status Solidi (B): Basic Research</i> , 1986 , 135, K27-K31	1.3	1
39	Exchange interactions in $\text{BaFe}_{12}\text{O}_{19}$. <i>Applied Physics A: Solids and Surfaces</i> , 1986 , 39, 221-225		39
38	Model studies of the thermal and magnetic properties in disordered systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 54-57, 54-56	2.8	1
37	Mössbauer study of vacancy ordering in the system $\text{SrTi}_{1-x}\text{FexO}_3$ (0.50 x 0.70). <i>Materials Research Bulletin</i> , 1986 , 21, 255-263	5.1	17
36	^{57}Co doped oxides as ^{57}Fe Mössbauer single line sources. <i>Hyperfine Interactions</i> , 1986 , 29, 1221-1224	0.8	1
35	Hyperfine fields and exchange interactions in $\text{BaLiFe}_{17}\text{O}_{27}$ W-type hexagonal ferrite. <i>Hyperfine Interactions</i> , 1986 , 28, 565-568	0.8	4
34	Mössbauer study of the mixed ferrimagnetic-spin glass phase in $\text{SrFe}_{12-x}\text{Cr}_x\text{O}_{19}$ hexagonal ferrites. <i>Hyperfine Interactions</i> , 1986 , 28, 569-572	0.8	9
33	Studies on the metal-nuclotide (Co-5?IMP , Co-5?GMP) interaction via mössbauer emission spectroscopy and magnetic susceptibility measurements. <i>Hyperfine Interactions</i> , 1986 , 28, 773-776	0.8	1
32	Electron microscopy and ^{57}Fe Mössbauer electron conversion studies of the amorphous-to-crystalline transformation of metallic glass $\text{Fe}_{80}\text{B}_{20}$. <i>Journal of Materials Science Letters</i> , 1986 , 5, 75-77		5
31	Effective-field theory for the magnetic and thermal properties of site- and bond-impure systems. <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, 1567-1580		3

30	Critical behavior of Ising models with static site dilution. <i>Physical Review B</i> , 1986 , 34, 347-349	3.3	33
29	Cation distribution and random spin canting in LaZnFe ₁₁ O ₁₉ . <i>Journal of Physics C: Solid State Physics</i> , 1986 , 19, 6605-6621		29
28	On the amorphous to crystalline transformation of Fe ₈₀ B ₂₀ by means of electrical and thermal conductivity, X-ray diffraction, and Mössbauer measurements. <i>Physica Status Solidi A</i> , 1985 , 87, 169-174		7
27	Synthesis, spectroscopic and magnetic characterization of some iron(III)-nucleotide compounds. <i>Transition Metal Chemistry</i> , 1985 , 10, 90-93	2.1	2
26	A study of vanadium antimonate by antimony-121 Mössbauer spectroscopy and magnetic susceptibility. <i>Inorganica Chimica Acta</i> , 1985 , 105, 197-199	2.7	6
25	A new interpretation of the magnetic properties and electronic structure of manganese (II) phthalocyanine. <i>European Physical Journal B</i> , 1985 , 58, 299-304	1.2	4
24	Mössbauer emission spectroscopy of doped 57Co _{1-x} O _{1-x} Acceptor impurities: 57Co _{1-x} O:Li. <i>Journal of Physics and Chemistry of Solids</i> , 1985 , 46, 301-304	3.9	3
23	Mössbauer emission spectroscopy of doped 57Co _{1-x} O _{1-x} . donor impurities: 57Co _{1-x} O:Fe, Ti, In. <i>Journal of Physics and Chemistry of Solids</i> , 1985 , 46, 305-308	3.9	4
22	Spin glass behaviour in an antiferromagnetic non-frustrated lattice: Sr ₂ FeNbO ₆ perovskite. <i>Journal of Physics C: Solid State Physics</i> , 1985 , 18, L401-L405		71
21	Electronic structure determination of iron(II) phthalocyanine via magnetic susceptibility and Mössbauer measurements. <i>Journal of Chemical Physics</i> , 1984 , 80, 444-448	3.9	24
20	Mössbauer study of bipyramidal site occupancy in BaFe _{12-x} Mn _x O ₁₉ . <i>Solid State Communications</i> , 1984 , 50, 821-824	1.6	20
19	Magnetic structure and supermagnetic properties of FeOOH. <i>IEEE Transactions on Magnetism</i> , 1984 , 20, 1524-1526	2	11
18	Cation distribution and high field magnetization studies on SrFe _{12-x} Cr _x O ₁₉ . <i>IEEE Transactions on Magnetism</i> , 1984 , 20, 1636-1638	2	28
17	The influence of the semiconductor properties on the Mössbauer emission spectra of 57Co cobalt oxide. <i>Journal of Physics and Chemistry of Solids</i> , 1984 , 45, 181-190	3.9	25
16	Mössbauer second-order doppler shift in MgO:57Co. <i>Physica Status Solidi (B): Basic Research</i> , 1983 , 119, K165-K168	1.3	
15	Mössbauer studies on one-dimensional iron phthalocyanines. <i>Transition Metal Chemistry</i> , 1983 , 8, 377-380	2.1	5
14	Mössbauer emission spectroscopy of pure and doped MgO:57Co. <i>Radiation Effects</i> , 1983 , 73, 179-183		1
13	Magnetic susceptibility calculations from crystal field theory for high spin ferric complexes of tetragonal character. <i>Journal of Chemical Physics</i> , 1983 , 78, 5816-5819	3.9	1

12	Mössbauer emission studies of LiNbO ₃ : ⁵⁷ Co. <i>Radiation Effects</i> , 1983 , 73, 173-177		
11	Crystal structure and cationic distribution of BaFe ₄ Ti ₂ O ₁₁ R-type hexagonal ferrite. <i>Materials Research Bulletin</i> , 1983 , 18, 1543-1553	5.1	34
10	Mössbauer spectra of square-planar organometallic compounds of iron(II). <i>Inorganica Chimica Acta</i> , 1982 , 60, 227-230	2.7	5
9	Mössbauer and high field magnetization studies of the solid solution CoFexAl _{2-x} O ₄ . <i>Physics and Chemistry of Minerals</i> , 1982 , 8, 206-211	1.6	8
8	Mössbauer emission spectroscopy on ⁵⁷ Co _{1-x} O. <i>Hyperfine Interactions</i> , 1981 , 10, 1227-1229	0.8	19
7	Magnetic and structural characterization of the solid solution CdFe ₂ O ₄ ?NiFe ₂ O ₄ . <i>Materials Research Bulletin</i> , 1980 , 15, 969-980	5.1	6
6	Unstable growth of ADP crystals. <i>Journal of Crystal Growth</i> , 1979 , 47, 518-526	1.6	21
5	Mössbauer study of Co and Fe spinels acting as sources and absorbents. <i>Journal of Solid State Chemistry</i> , 1979 , 27, 329-341	3.3	15
4	After effects of orbital electron capture in Co spinels. <i>Solid State Communications</i> , 1979 , 30, 645-650	1.6	7
3	Properties of non-crystalline EuIG and DyIG obtained from Mössbauer and magnetization data. <i>Journal of Applied Physics</i> , 1979 , 50, 7636	2.5	17
2	Mechanism of habit change of ADP crystals by Fe ³⁺ , based on Mössbauer studies. <i>Journal of Crystal Growth</i> , 1978 , 44, 593-598	1.6	19
1	Investigation of two deoxygenated haemoglobin-haptoglobin complexes by Mössbauer spectroscopy. <i>Biophysics of Structure and Mechanism</i> , 1977 , 3, 229-38		