

# Javier Tejada

## List of Publications by Citations

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#	Paper	IF	Citations
299	Macroscopic measurement of resonant magnetization tunneling in high-spin molecules. <i>Physical Review Letters</i> , <b>1996</b> , 76, 3830-3833	7.4	1622
298	A nanoporous molecular magnet with reversible solvent-induced mechanical and magnetic properties. <i>Nature Materials</i> , <b>2003</b> , 2, 190-5	27	595
297	Field tuning of thermally activated magnetic quantum tunnelling in Mn <sub>12</sub> Ac molecules. <i>Europhysics Letters</i> , <b>1996</b> , 35, 301-306	1.6	268
296	Magnetic qubits as hardware for quantum computers. <i>Nanotechnology</i> , <b>2001</b> , 12, 181-186	3.4	252
295	Macroscopic Quantum Tunneling of the Magnetic Moment <b>1998</b> ,		247
294	Magnetocaloric effect in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> and La <sub>0.60</sub> Y <sub>0.07</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> bulk materials. <i>Applied Physics Letters</i> , <b>1996</b> , 69, 3596-3598	3.4	240
293	Tunable magnetocaloric effect in ceramic perovskites. <i>Applied Physics Letters</i> , <b>1998</b> , 73, 390-392	3.4	189
292	Magnetic frustration and lattice dimensionality in SrCr <sub>8</sub> Ga <sub>4</sub> O <sub>19</sub> . <i>Solid State Communications</i> , <b>1988</b> , 65, 189-192	1.6	183
291	Thermally activated and field-tuned tunneling in Mn <sub>12</sub> Ac studied by ac magnetic susceptibility. <i>Physical Review B</i> , <b>1997</b> , 55, 11448-11456	3.3	148
290	Quantum Tunneling of Magnetization in Nanostructured Materials. <i>Chemistry of Materials</i> , <b>1996</b> , 8, 1784-1792	1.92	120
289	Macroscopic Resonant Tunneling of Magnetization in Ferritin. <i>Physical Review Letters</i> , <b>1997</b> , 79, 1754-1757	7.4	118
288	Evidence for resonant tunneling of magnetization in Mn <sub>12</sub> acetate complex. <i>Physical Review B</i> , <b>1997</b> , 55, 5858-5865	3.3	117
287	Magnetic study of M-type doped barium ferrite nanocrystalline powders. <i>Journal of Applied Physics</i> , <b>1993</b> , 74, 3333-3340	2.5	112
286	Magnetic and calorimetric measurements on the magnetocaloric effect in La <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2000</b> , 208, 85-92	2.8	108
285	Magnetization and Mössbauer studies of ultrafine Fe-C particles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1993</b> , 124, 269-276	2.8	104
284	Steps in the hysteresis loops of a high-spin molecule. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 6031	2.5	103
283	Giant and time-dependent magnetocaloric effect in high-spin molecular magnets. <i>Applied Physics Letters</i> , <b>2000</b> , 77, 3248-3250	3.4	101

282	A robust purely organic nanoporous magnet. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1828-30.4	3.4	88
281	Room-temperature magnetic refrigerator using permanent magnets. <i>IEEE Transactions on Magnetics</i> , <b>2000</b> , 36, 538-544	2	81
280	Isolated Single-Molecule Magnets on the Surface of a Polymeric Thin Film. <i>Advanced Materials</i> , <b>2003</b> , 15, 42-45	24	79
279	Nonthermal viscosity in magnets: Quantum tunneling of the magnetization (invited). <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 6709-6714	2.5	78
278	Coexistence of ferro- and antiferromagnetic interactions in a metal-organic radical-based (6,3)-helical network with large channels. <i>Chemical Communications</i> , <b>2005</b> , 5035-7	5.8	77
277	Guidelines for the treatment of acute ischaemic stroke. <i>Neurologia</i> , <b>2014</b> , 29, 102-22	1.4	75
276	Electron beam deposition of gold nanostructures in a reactive environment. <i>Applied Physics Letters</i> , <b>1995</b> , 66, 2080-2082	3.4	75
275	Quantum relaxation in random magnets. <i>Physical Review B</i> , <b>1993</b> , 47, 14977-14987	3.3	75
274	A robust nanocontainer based on a pure organic free radical. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 730-1	16.4	71
273	Spin glass behaviour in an antiferromagnetic non-frustrated lattice: Sr <sub>2</sub> FeNbO <sub>6</sub> perovskite. <i>Journal of Physics C: Solid State Physics</i> , <b>1985</b> , 18, L401-L405		71
272	Assessment of terahertz spectroscopy to detect antibiotic residues in food and feed matrices. <i>Analyst, The</i> , <b>2011</b> , 136, 1733-8	5	69
271	Preparation and characterization of poly(vinyl alcohol)-based magnetic nanocomposites. 1. Thermal and mechanical properties. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 3215-3222	2.9	69
270	Magnetic properties, relaxation, and quantum tunneling in CoFe <sub>2</sub> O <sub>4</sub> nanoparticles embedded in potassium silicate. <i>Physical Review B</i> , <b>1996</b> , 54, 4101-4106	3.3	69
269	Observation of quantum coherence in mesoscopic molecular magnets. <i>Physical Review Letters</i> , <b>2000</b> , 85, 4377-80	7.4	68
268	Dielectric study of milk for frequencies between 1 and 20GHz. <i>Journal of Food Engineering</i> , <b>2006</b> , 76, 250-255	6	64
267	Quantum magnetic deflagration in acetate. <i>Physical Review Letters</i> , <b>2005</b> , 95, 217205	7.4	63
266	Silica aerogel/iron oxide nanocomposites: structural and magnetic properties. <i>Journal of Non-Crystalline Solids</i> , <b>2001</b> , 285, 37-43	3.9	60
265	Goya's artwork imaging with Terahertz waves. <i>Optics Express</i> , <b>2013</b> , 21, 17800-5	3.3	58

264	Iron oxide nanoparticles hosted in silica aerogels. <i>Applied Physics A: Materials Science and Processing</i> , <b>2002</b> , 74, 591-597	2.6	57
263	Resonant spin tunneling in small antiferromagnetic particles. <i>Physical Review B</i> , <b>1999</b> , 59, 11837-11846	3.3	57
262	High-frequency resonant experiments in Fe <sub>8</sub> molecular clusters. <i>Physical Review B</i> , <b>2000</b> , 62, 3018-3021	3.3	56
261	Enhanced pinning in a magnetic-superconducting bilayer. <i>Applied Physics Letters</i> , <b>2000</b> , 77, 2900-2902	3.4	55
260	High-vacuum versus Environmental Electron beam deposition. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>1996</b> , 14, 2609		52
259	Magnetic properties and giant magnetoresistance in melt-spun Co-Cu alloys. <i>Journal of Applied Physics</i> , <b>1995</b> , 78, 392-397	2.5	50
258	Effect of a transverse magnetic field on resonant magnetization tunneling in high-spin molecules. <i>Journal of Applied Physics</i> , <b>1997</b> , 81, 3978-3980	2.5	46
257	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 2455-2460		45
256	Correlated spin glass generated by structural disorder in the amorphous Dy <sub>6</sub> Fe <sub>74</sub> B <sub>20</sub> alloy. <i>Physical Review B</i> , <b>1991</b> , 44, 7698-7700	3.3	45
255	Magnetic properties and domain-wall motion in single-crystal BaFe <sub>10.2</sub> Sn <sub>0.74</sub> Co <sub>0.66</sub> O <sub>19</sub> . <i>Physical Review B</i> , <b>1996</b> , 53, 3336-3340	3.3	44
254	Spin-phonon avalanches in Mn <sub>12</sub> acetate. <i>Physical Review B</i> , <b>1999</b> , 60, 11898-11901	3.3	41
253	Free Rotation of Magnetic Nanoparticles in a Solid Matrix. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 1487-1490	9.6	40
252	Exchange interactions in BaFe <sub>12</sub> O <sub>19</sub> . <i>Applied Physics A: Solids and Surfaces</i> , <b>1986</b> , 39, 221-225		39
251	Phenomenological study of the amorphous Fe <sub>80</sub> B <sub>20</sub> ferromagnet with small random anisotropy. <i>Physical Review B</i> , <b>1990</b> , 42, 898-905	3.3	37
250	Structural and magnetic modulation of a purely organic open framework by selective guest inclusion. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8153-63	4.8	36
249	Observation of phonon-induced magnetic deflagration in manganites. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	36
248	Time dependent phenomena at low temperatures in SmCo multilayers: quantum nucleation phenomena. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1992</b> , 163, 130-134	2.3	35
247	Crystal structure and cationic distribution of BaFe <sub>4</sub> Ti <sub>2</sub> O <sub>11</sub> R-type hexagonal ferrite. <i>Materials Research Bulletin</i> , <b>1983</b> , 18, 1543-1553	5.1	34

246	Colossal Reduction in Curie Temperature Due to Finite-Size Effects in CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 6-11	9.6	33
245	Exchange bias in a superspin glass system of Co particles in Mn matrix. <i>Journal Physics D: Applied Physics</i> , <b>2008</b> , 41, 134009	3	33
244	Critical behavior of Ising models with static site dilution. <i>Physical Review B</i> , <b>1986</b> , 34, 347-349	3.3	33
243	Magnetism of isolated Mn <sup>12</sup> single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	32
242	Experiments in quantum magnetic relaxation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1815-1818	2.8	32
241	First-row transition-metal complexes based on a carboxylate polychlorotriphenylmethyl radical: trends in metal-radical exchange interactions. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 1627-33	5.1	31
240	On magnetic relaxation in antiferromagnetic horse-spleen ferritin proteins. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 263-266	1.8	31
239	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> , <b>2001</b> , 20, 1751-1756	2.7	30
238	Exchange bias in Co nanoparticles embedded in an Mn matrix. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, 155-158	2.8	29
237	Electromagnetic radiation produced by avalanches in the magnetization reversal of Mn <sup>12</sup> -acetate. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 2373-2375	3.4	29
236	Structure, magnetic properties, and giant magnetoresistance in melt-spun metallic copper-cobalt ribbons. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 1979-1990	2.5	29
235	Quantum tunneling of vortices in the Tl <sub>2</sub> CaBa <sub>2</sub> Cu <sub>2</sub> O <sub>8</sub> superconductor. <i>Physical Review B</i> , <b>1993</b> , 47, 11552-11554	3.3	29
234	Cation distribution and random spin canting in LaZnFe <sub>11</sub> O <sub>19</sub> . <i>Journal of Physics C: Solid State Physics</i> , <b>1986</b> , 19, 6605-6621		29
233	Cation distribution and high field magnetization studies on SrFe <sub>12-x</sub> Cr <sub>x</sub> O <sub>19</sub> . <i>IEEE Transactions on Magnetics</i> , <b>1984</b> , 20, 1636-1638	2	28
232	Magnetic deflagration in Gd <sub>5</sub> Ge <sub>4</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	27
231	Evidence for quantization of mechanical rotation of magnetic nanoparticles. <i>Physical Review Letters</i> , <b>2010</b> , 104, 027202	7.4	27
230	Magnetic properties of compositionally modulated thin films of rare earth and transition metal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1991</b> , 101, 181-186	2.8	27
229	Quantum tunnelling effects in Fe/Sm multilayers. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, L163-L1688		26

228	Quantum tunneling of magnetization in metallic FeC ferrofluids. <i>European Physical Journal B</i> , <b>1992</b> , 89, 209-212	1.2	26
227	The influence of the semiconductor properties on the Mössbauer emission spectra of <sup>57</sup> Co cobalt oxide. <i>Journal of Physics and Chemistry of Solids</i> , <b>1984</b> , 45, 181-190	3.9	25
226	Unconventional magnetic behavior of iron-oxide nanoparticles in polymeric matrices. <i>Journal of Applied Physics</i> , <b>2001</b> , 90, 1534-1539	2.5	24
225	Solid containing rotationally free nanocrystalline Fe <sub>2</sub> O <sub>3</sub> : Material for a nanoscale magnetic compass?. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 8008-8012	2.5	24
224	Electronic structure determination of iron(II) phthalocyanine via magnetic susceptibility and Mössbauer measurements. <i>Journal of Chemical Physics</i> , <b>1984</b> , 80, 444-448	3.9	24
223	Quantum tunneling of magnetization in mesoscopic systems. <i>Scripta Materialia</i> , <b>1997</b> , 9, 301-310		23
222	Propagation of magnetic avalanches in Mn <sub>12</sub> Ac at high field sweep rates. <i>Physical Review Letters</i> , <b>2009</b> , 102, 027203	7.4	22
221	Magnetocaloric effect in random magnetic anisotropy materials. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 2427-2429		22
220	Quadratic transverse anisotropy term due to dislocations in Mn <sub>12</sub> acetate crystals directly observed by EPR spectroscopy. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	22
219	Unstable growth of ADP crystals. <i>Journal of Crystal Growth</i> , <b>1979</b> , 47, 518-526	1.6	21
218	Inelastic neutron scattering and frequency-domain magnetic resonance studies of S=4 and S=12 Mn <sub>6</sub> single-molecule magnets. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	20
217	Characterisation of sugar content in yoghurt by means of microwave spectroscopy. <i>Food Research International</i> , <b>2008</b> , 41, 104-109	7	20
216	Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. <i>Chemical Communications</i> , <b>2005</b> , 4801-3	5.8	20
215	Magnetocaloric effect in La <sub>0.65</sub> Ca <sub>0.35</sub> Ti <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> ceramic perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 196-197, 455-457	2.8	20
214	Magnetic relaxation and quantum tunneling in nanocrystalline particles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1853-1854	2.8	20
213	Quantum tunneling of magnetization in single domain particles. <i>Journal of Applied Physics</i> , <b>1993</b> , 73, 6952-6954	2.5	20
212	Mössbauer study of bipyramidal site occupancy in BaFe <sub>12</sub> □Mn <sub>x</sub> O <sub>19</sub> . <i>Solid State Communications</i> , <b>1984</b> , 50, 821-824	1.6	20
211	Effects of quantum mechanics on the deflagration threshold in the molecular magnet Mn <sub>12</sub> acetate. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	19

210	Synthesis and Characterization of a $[Mn_{12}O_{12}(O_2CR)_{16}(H_2O)_4]$ Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. <i>Monatshefte für Chemie</i> , <b>2003</b> , 134, 265-276	1.4	19
209	Preparation and characterization of polystyrene-based magnetic nanocomposites. Thermal, mechanical and magnetic properties. <i>Polymer Engineering and Science</i> , <b>2001</b> , 41, 1845-1852	2.3	19
208	Electrochemical Synthesis of New Magnetic Mixed Oxides of Sr and Fe: Composition, Magnetic Properties, and Microstructure. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 573-579	9.6	19
207	Quantum exponential relaxation of antiferromagnetic domain walls in FeTbO <sub>3</sub> single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1994</b> , 137, L235-L238	2.8	19
206	Mössbauer emission spectroscopy on $^{57}Co_{1-x}O$ . <i>Hyperfine Interactions</i> , <b>1981</b> , 10, 1227-1229	0.8	19
205	Mechanism of habit change of ADP crystals by Fe <sup>3+</sup> , based on Mössbauer studies. <i>Journal of Crystal Growth</i> , <b>1978</b> , 44, 593-598	1.6	19
204	Dielectric properties of acetic acid and vinegar in the microwave frequencies range 1-20 GHz. <i>Journal of Food Engineering</i> , <b>2009</b> , 94, 46-51	6	17
203	An unusually stable trinuclear manganese(II) complex bearing bulk carboxylic radical ligands. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6936-8	5.1	17
202	Synthesis and characterization of a new chiral nanomagnet. <i>Polyhedron</i> , <b>2003</b> , 22, 2355-2358	2.7	17
201	Low-temperature microwave emission from molecular clusters. <i>Europhysics Letters</i> , <b>2005</b> , 69, 270-276	1.6	17
200	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> , <b>2000</b> , 12, 3060-3067	9.6	17
199	Magnetic properties of Fe/Cu multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1991</b> , 93, 425-428	17	17
198	Quantum tunneling of magnetization in multilayer systems. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 109, L159-L163	2.8	17
197	Mössbauer study of vacancy ordering in the system $SrTi_{1-x}Fe_xO_3$ (0.50 ≤ x ≤ 0.70). <i>Materials Research Bulletin</i> , <b>1986</b> , 21, 255-263	5.1	17
196	Properties of non-crystalline EuIG and DyIG obtained from Mössbauer and magnetization data. <i>Journal of Applied Physics</i> , <b>1979</b> , 50, 7636	2.5	17
195	Carboxylic-substituted polychlorotriphenylmethyl radicals, new organic building-blocks to design nanoporous magnetic molecular materials. <i>Comptes Rendus Chimie</i> , <b>2005</b> , 8, 1213-1225	2.7	16
194	Magnetic relaxation measurements of Fe <sub>2</sub> O <sub>3</sub> antiferromagnetic particles below 1 K. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	16
193	Magnetic properties and giant magnetoresistance in melt-spun Co <sub>15</sub> Cu <sub>85</sub> alloys. <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, 4081-4093	1.8	16



192	Magnetic properties and giant magnetoresistance in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>x</sub> bulk material. <i>Applied Physics Letters</i> , <b>1996</b> , 68, 3191-3193	3.4	16
191	. <i>IEEE Transactions on Magnetism</i> , <b>1994</b> , 30, 708-710	2	16
190	Experimental evidence of quantum tunnelling in TlBaCaCuO. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 10341-10346	1.8	16
189	Observation of commensurability effects in a patterned thin superconducting Pb film using microwave reflection spectrometry. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	15
188	Magnetocaloric effect in Mn <sub>12</sub> -Cl benzoate. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, L119-L123	1.8	15
187	Experimental and theoretical characterization of the high-affinity cation-binding site of the purple membrane. <i>Biophysical Journal</i> , <b>1998</b> , 75, 777-84	2.9	15
186	Magnetic properties and giant magnetoresistance of magnetic granular Co <sub>10</sub> Cu <sub>90</sub> alloys obtained by direct-current joule heating. <i>Journal of Applied Physics</i> , <b>1995</b> , 78, 5062-5066	2.5	15
185	Quantum Tunnelling of Antiferromagnetic Domain Walls in TbFeO <sub>3</sub> Single Crystal. <i>Europhysics Letters</i> , <b>1995</b> , 30, 227-232	1.6	15
184	. <i>IEEE Transactions on Magnetism</i> , <b>1994</b> , 30, 714-716	2	15
183	Computer-simulation study of magnetic relaxation in anisotropic magnetic systems. <i>Physical Review B</i> , <b>1994</b> , 49, 3867-3873	3.3	15
182	. <i>IEEE Transactions on Magnetism</i> , <b>1989</b> , 25, 3363-3365	2	15
181	Mössbauer study of Co and Fe spinels acting as sources and absorbers. <i>Journal of Solid State Chemistry</i> , <b>1979</b> , 27, 329-341	3.3	15
180	Spin dynamics in single-molecule magnets combining surface acoustic waves and high-frequency electron paramagnetic resonance. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	14
179	The magnetocaloric effect in high-spin paramagnetic rare-earth fluorites. <i>Materials Chemistry and Physics</i> , <b>2007</b> , 105, 62-66	4.4	14
178	Acoustomagnetic pulse experiments in LiNbO <sub>3</sub> /Mn <sub>12</sub> hybrids. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 012503	3.4	14
177	Electron-spin resonance in the spin-glass-like system Fe <sub>1-x</sub> Ga <sub>x</sub> SbO <sub>4</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 4455-4460	3.5	14
176	Dielectric characterization of alcoholic beverages and solutions of ethanol in water under microwave radiation in the 100 GHz range. <i>Food Research International</i> , <b>2010</b> , 43, 1607-1613	7	13
175	Topological magnetic irreversibility in superconducting Pb samples of various shapes. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	13



174	Pulsed-field studies of the magnetization reversal in molecular nanomagnets. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	13
173	Microwave absorption and magnetization tunneling in Mn <sub>12</sub> -acetate molecular clusters. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	13
172	Crystal defects and spin tunneling in single crystals of Mn <sub>12</sub> clusters. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	13
171	Time-dependent heat capacity of Mn <sub>12</sub> clusters. <i>Physical Review B</i> , <b>1999</b> , 60, 14557-14560	3.3	13
170	Asymmetric giant magnetoresistance in Co <sub>10</sub> Cu <sub>90</sub> magnetic granular alloys. <i>Physical Review B</i> , <b>1995</b> , 52, R6987-R6990	3.3	13
169	Magnetic properties and giant magnetoresistance in magnetic granular Co <sub>x</sub> Cu <sub>100-x</sub> alloys. <i>Journal Physics D: Applied Physics</i> , <b>1995</b> , 28, 1770-1777	3	13
168	Magnetic properties of Ba <sub>2</sub> SmCu <sub>3</sub> O <sub>9</sub> high T <sub>c</sub> superconductor. <i>Solid State Communications</i> , <b>1987</b> , 64, 707-710	1.6	13
167	Onset of a propagating self-sustained spin reversal front in a magnetic system. <i>Physical Review Letters</i> , <b>2013</b> , 110, 207203	7.4	12
166	The role of thermal coupling on avalanches in manganites. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 406005	1.8	12
165	Magnetic fingerprints of the very fast jumps of colossal magnetoresistance in the phase-separated manganite La <sub>0.225</sub> Pr <sub>0.40</sub> Ca <sub>0.375</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	12
164	Open-shell channel-like salts formed by the supramolecular assembly of a tricarboxylated perchlorotriphenylmethyl radical and a [Co(bpy) <sub>3</sub> ] <sup>2+</sup> cation. <i>CrystEngComm</i> , <b>2004</b> , 6, 573	3.3	12
163	Noncritical behavior and remanent magnetization in magnetically frustrated FeSbO <sub>4</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 691-698	3.3	12
162	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> , <b>1987</b> , 71, 582-586	3.3	12
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23	Particle orientation distribution in Fe <sub>2</sub> O <sub>3</sub> magnetic tapes by M̄sbauer and hysteresis loop measurements. <i>IEEE Transactions on Magnetics</i> , <b>1987</b> , 23, 2812-2814	2	1
22	M̄sbauer studies of amorphous FeSi compositionally modulated thin films. <i>IEEE Transactions on Magnetics</i> , <b>1987</b> , 23, 3581-3583	2	1
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20	Magnetic susceptibility calculations from crystal field theory for high spin ferric complexes of tetragonal charactera). <i>Journal of Chemical Physics</i> , <b>1983</b> , 78, 5816-5819	3.9	1
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