Wilson A Ortiz

List of Publications by Year
in descending order

165	1,793	304368	377514
papers	citations	22 h-index	34 g-index

165	165	165	1596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimum heat treatment to enhance the weak-link response of Y123 nanowires prepared by Solution Blow Spinning. Superconductor Science and Technology, 2021, 34, 025009.	1.8	3
2	Metamorphosis of discontinuity lines and rectification of magnetic flux avalanches in the presence of noncentrosymmetric pinning forces. Physical Review B, 2021, 103, .	1.1	10
3	Enhancing the effective critical current density in a Nb superconducting thin film by cooling in an inhomogeneous magnetic field. Applied Physics Letters, 2021, 119, .	1.5	4
4	Controlling magnetic flux penetration in low-T_C superconducting films and hybrids. Superconductor Science and Technology, 2021, 34, 013002.	1.8	20
5	PMN-PT/NFO magnetoelectric characterization and the advantages of the dynamic stress magnetization model. Ferroelectrics, 2021, 582, 12-20.	0.3	1
6	Superconducting Properties and Electron Scattering Mechanisms in a Nb Film with a Single Weak-Link Excavated by Focused Ion Beam. Materials, 2021, 14, 7274.	1.3	4
7	One-pot-like facile synthesis of YBa2Cu3O7-Î´ superconducting ceramic: Using PVP to obtain a precursor solution in two steps. Materials Chemistry and Physics, 2020, 243, 122607.	2.0	9
8	Magnetic flux avalanches in Nb/NbN thin films. Low Temperature Physics, 2020, 46, 365-371.	0.2	9
9	Magnetic Recording of Superconducting States. Metals, 2019, 9, 1022.	1.0	9
10	Imaging Flux Avalanches in V$_3$Si Superconducting Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	5
11	Transparency of Planar Interfaces in Superconductors: A Critical-State Analysis. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	2
12	Solution blow spinning control of morphology and production rate of complex superconducting YBa2Cu3O7â^'x nanowires. Journal of Materials Science: Materials in Electronics, 2019, 30, 9045-9050.	1.1	19
13	Anisotropic Flux Penetration in Superconducting Nb Films With Frozen-in In-plane Magnetic Fields. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	4
14	Quantitative magneto-optical investigation of superconductor/ferromagnet hybrid structures. Review of Scientific Instruments, 2018, 89, 023705.	0.6	25
15	Active control of thermomagnetic avalanches in superconducting Nb films with tunable anisotropy. Superconductor Science and Technology, 2018, 31, 115009.	1.8	5
16	Spin texture on top of flux avalanches in Nb/Al2O3/Co thin film heterostructures. Journal of Applied Physics, 2017, 121, 013905.	1.1	3
17	Anisotropic thermomagnetic avalanche activity in field-cooled superconducting films. Physical Review B, 2017, 96, .	1.1	7
18	Flux penetration in a superconducting film partially capped with a conducting layer. Physical Review B, 2017, 95, .	1.1	20

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19	Dynamics and heat diffusion of Abrikosovâ€™s vortex-antivortex pairs during an annihilation process. Journal of Physics Condensed Matter, 2017, 29, 405605.	0.7	12
20	Magnetic flux penetration in Nb superconducting films with lithographically defined microindentations. Physical Review B, 2016, 93, .	1.1	33
21	Imprinting superconducting vortex footsteps in a magnetic layer. Scientific Reports, 2016, 6, 27159.	1.6	25
22	Crossing fields in thin films of isotropic superconductors. Physical Review B, 2016, 94, .	1.1	23
23	Controllable injector for local flux entry into superconducting films. Superconductor Science and Technology, 2016, 29, 095003.	1.8	12
24	Synthesis of mesoporous silica-coated magnetic nanoparticles modified with 4-amino-3-hydrazino-5-mercapto-1,2,4-triazole and its application as Cu(II) adsorbent from aqueous samples. Applied Surface Science, 2016, 367, 533-541.	3.1	26
25	Cascade dynamics of thermomagnetic avalanches in superconducting films with holes. Physical Review B, 2015, 92, .	1.1	19
26	Trapping Flux Avalanches in Nb Films by Circular Stop-Holes of Different Size. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	6
27	First Observation of Flux Avalanches in a-MoSi Superconducting Thin Films. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	23
28	Classical analogy for the deflection of flux avalanches by a metallic layer. New Journal of Physics, 2014, 16, 103003.	1.2	14
29	Vortexâ€“antivortex annihilation in mesoscopic superconductors with a central pinning center. Physica C: Superconductivity and Its Applications, 2014, 503, 94-97.	0.6	6
30	Controllable morphology of flux avalanches in microstructured superconductors. Physical Review B, 2014, 89, .	1.1	41
31	Morphology of Flux Avalanches in Patterned Superconducting Films. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2285-2288.	0.8	4
32	Enhanced pinning in superconducting thin films with graded pinning landscapes. Applied Physics Letters, 2013, 102, .	1.5	53
33	Current crowding effects in superconducting corner-shaped Al microstrips. Applied Physics Letters, 2013, 102, .	1.5	50
34	Sonochemical Synthesis and Magnetism in Co-doped ZnO Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2515-2519.	0.8	10
35	Limiting thermomagnetic avalanches in superconducting films by stop-holes. Applied Physics Letters, 2013, 103, 032604.	1.5	15
36	Magnetic field profile of a mesoscopic SQUID-shaped superconducting film. Superconductor Science and Technology, 2013, 26, 075005.	1.8	10

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37	Crossover between macroscopic and mesoscopic regimes of vortex interactions in type-II superconductors. Physical Review B, 2012, 85, .	1.1	10
38	Flux avalanches triggered by AC magnetic fields in superconducting thin films. Physica C: Superconductivity and Its Applications, 2012, 479, 134-136.	0.6	7
39	Change of the vortex lattice symmetry in the vicinity of the macro-to-mesoscopic threshold. Physica C: Superconductivity and Its Applications, 2012, 479, 154-156.	0.6	2
40	Visualizing the ac magnetic susceptibility of superconducting films via magneto-optical imaging. Physical Review B, 2011, 84, .	1.1	27
41	Spin-dependent resonant quantum tunneling between magnetic nanoparticles on a macroscopic length scale. Physical Review B, 2011, 83, .	1.1	5
42	Anisotropy of Magnetization and Nanocrystalline Texture in Electrodeposited CeO[sub 2] Films. Electrochemical and Solid-State Letters, 2011, 14, P9.	2.2	18
43	Vortices trapped in the damaged surroundings of antidots in Nb films â€“ Depinning transition. Physica C: Superconductivity and Its Applications, 2010, 470, 960-962.	0.6	0
44	Suppression of flux avalanches in superconducting films by electromagnetic braking. Applied Physics Letters, 2010, 96, .	1.5	33
45	Vortex glass melting in Mg-deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MgB</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 82, .	1.1	2
46	Ferromagnetism induced by oxygen and cerium vacancies above the percolation limit in CeO₂. Journal of Physics Condensed Matter, 2010, 22, 216004.	0.7	59
47	Magnetic response and critical current properties of mesoscopic-size YBCO superconducting samples. Journal of Physics: Conference Series, 2010, 200, 012105.	0.3	0
48	Vortex-antivortex annihilation dynamics in a square mesoscopic superconducting cylinder. Physical Review B, 2009, 80, .	1.1	21
49	Dilute-defect magnetism: Origin of magnetism in nanocrystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 80, .	1.1	129
50	Interaction of vortices with different types of pinning centers in MgB₂superconducting films. Journal of Physics: Conference Series, 2009, 150, 052291.	0.3	0
51	The role of demagnetizing factors in the occurrence of vortex avalanches in Nb thin films. Journal of Physics: Conference Series, 2009, 150, 052038.	0.3	3
52	Order-disorder transition of vortex matter in Mg_{0.9}B₂: anisotropic effects. Journal of Physics: Conference Series, 2009, 150, 052202.	0.3	1
53	Vortex matter in the presence of an array of pinning centers of variable strength. Physica C: Superconductivity and Its Applications, 2008, 468, 820-823.	0.6	3
54	Orderâ€“disorder transition of vortex matter in Mg0.95B2. Physica C: Superconductivity and Its Applications, 2008, 468, 753-756.	0.6	2

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55	Heat-treatment effects on the magnetic response of superconducting mesoscopic samples. Journal of Magnetism and Magnetic Materials, 2008, 320, e496-e499.	1.0	0
56	Vortex Matter dynamics in a thin film of Nb with columnar indentations. Journal of Magnetism and Magnetic Materials, 2008, 320, e516-e518.	1.0	2
57	Solidâ€“liquid transition in Nb powder determined by third harmonic susceptibility. Journal of Magnetism and Magnetic Materials, 2008, 320, e510-e512.	1.0	3
58	Magnetic response of superconducting mesoscopic-size YBCO powder. Journal of Magnetism and Magnetic Materials, 2008, 320, e507-e509.	1.0	2
59	Boundaries of the instability region on theHTdiagram of Nb thin films. Superconductor Science and Technology, 2008, 21, 045018.	1.8	20
60	Depinning and vortex-glass-like transition in Nb with uncorrelated disorder. Journal of Physics: Conference Series, 2008, 97, 012300.	0.3	0
61	Frustrated magnetic response of a superconducting Nb film with a square lattice of columnar defects. Journal of Physics: Conference Series, 2008, 97, 012301.	0.3	1
62	Tunnel magnetoresistance and Coulomb blockade in a planar assembly of cobalt nanoclusters embedded in TiO2. Journal of Applied Physics, 2007, 101, 014318.	1.1	14
63	Mapping flux avalanches in MgB₂filmsâ€”equivalence between magneto-optical imaging and magnetic measurements. Superconductor Science and Technology, 2007, 20, L48-L50.	1.8	24
64	Mapping flux avalanches in MgB₂ filmsâ€”equivalence between magneto-optical imaging and magnetic measurements. Superconductor Science and Technology, 2007, 20, 1092-1092.	1.8	4
65	Fluctuations on the magnetic response of superconducting thin films of Nb and MgB2 â€“ Percolation limit of vortex mobility. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1268-1269.	0.6	0
66	Vortex dimensionality and pinning efficiency in granular specimens having a narrow weak-link critical current distribution. Journal of Physics: Conference Series, 2006, 43, 618-622.	0.3	0
67	Vortex matter in a thin film of YBCO with columnar indentationsâ€”very small and moderate field regimes. Physica C: Superconductivity and Its Applications, 2006, 437-438, 254-257.	0.6	2
68	Temperature-dependent vortex motion in a square mesoscopic superconducting cylinder: Ginzburg-Landau calculations. Physical Review B, 2006, 74, .	1.1	35
69	Spin density wave glass in Cr dilute alloys with Fe and Co. Journal of Magnetism and Magnetic Materials, 2005, 285, 39-54.	1.0	1
70	Local magnetic moments in dilute Crâ€“Nb alloys: the effects of applied magnetic field and Nb concentration. Journal of Physics Condensed Matter, 2005, 17, 2191-2196.	0.7	4
71	Extrinsic properties of colossal magnetoresistive samples. Solid State Communications, 2004, 130, 31-36.	0.9	21
72	Onset temperature of the collective magnetic response of a tridimensional disordered Josephson junction array. Physica C: Superconductivity and Its Applications, 2004, 408-410, 917-918.	0.6	1

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73	Building of tridimensional Josephson junction arrays with controlled anisotropy. Physica C: Superconductivity and Its Applications, 2004, 408-410, 919-920.	0.6	1
74	Spin-density-wave glass state in Cr-based alloys with 3d impurities. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1011-E1013.	1.0	1
75	Study of the magnetic properties of La0.53Tb0.14Sr0.33MnO3Â±Î´ sintered in different conditions. Journal of Magnetism and Magnetic Materials, 2004, 279, 51-58.	1.0	2
76	Reentrant magnetic behavior and other oddities related to an intragranular ordered mesh of vacancies in magnesium-deficient MgB2. Physica C: Superconductivity and Its Applications, 2004, 408-410, 853-856.	0.6	3
77	Study of magnetransport properties in manganites with fixed structural parameters. Journal of Solid State Chemistry, 2004, 177, 1338-1345.	1.4	5
78	On the magnetic properties of BaREO3Â±Î´ (RE = Pr, Ce and Tb) ceramic samples. Journal of Materials Science Letters, 2003, 22, 623-627.	0.5	3
79	Spin glass-like behavior in spin-density-wave CrCoMn alloys. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 413-415.	1.0	0
80	Synthesis and characterization of Li2ZnTi3O8 spinel using the modified polymeric precursor method. Materials Chemistry and Physics, 2003, 82, 68-72.	2.0	34
81	Influence of processing conditions on the crystal structure and magnetic behavior of La0.7Ca0.3MnO3Â±Î´ samples. Journal of Physics and Chemistry of Solids, 2003, 64, 583-591.	1.9	24
82	Specific heat of spin-density-wave CrMn alloys. Physica B: Condensed Matter, 2003, 339, 137-141.	1.3	2
83	Phosphate Diester Hydrolysis and DNA Damage Promoted by Newcis-Aqua/Hydroxy Copper(II) Complexes Containing Tridentate Imidazole-rich Ligands. Inorganic Chemistry, 2003, 42, 8353-8365.	1.9	108
84	Effects of small magnetic fields on the critical current of thin films. IEEE Transactions on Applied Superconductivity, 2003, 13, 3699-3701.	1.1	2
85	Local spin-density waves in Crâ€“V alloys: Dependence on temperature and applied magnetic field. Journal of Applied Physics, 2003, 93, 7154-7156.	1.1	3
86	Room Temperature Ferromagnetic Behavior in Pressed Pellets of Doped Poly (3-methylthiophene). Molecular Crystals and Liquid Crystals, 2002, 374, 385-390.	0.4	0
87	Paramagnetic Meissner effect and magnetic remanence in granular MgB2. Brazilian Journal of Physics, 2002, 32, 777-779.	0.7	7
88	Ferramentas alternativas para monitoramento e mapeamento automatizado do conhecimento. Ciencia Da Informacao, 2002, 31, 66-76.	0.1	5
89	Magnetic doping in Zn7â^'xMxSb2O12 spinels (M=Ni and Co). Physica B: Condensed Matter, 2002, 320, 249-252.	1.3	13
90	Magnetic behavior of Co nanostructures deposited in porous Al2O3 templates. Physica B: Condensed Matter, 2002, 320, 192-194.	1.3	2

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91	Structure and magnetism of electrodeposited ZnSeâ€“Co granular films. Physica B: Condensed Matter, 2002, 320, 199-202.	1.3	8
92	Compiling some well-known anomalies of granular superconductors and recognizing their innate dependence on sample preparation and processing. Physica B: Condensed Matter, 2002, 320, 330-332.	1.3	3
93	Magnetic behavior of Fe(001)/ZnSe(001)/Fe(001) sandwiches grown on ZnSe(001) epilayer on GaAs(001). Physica B: Condensed Matter, 2002, 322, 312-314.	1.3	6
94	Structural and magnetic properties of Zn4Ni3Sb2O12 thin films deposited by spin coating. Thin Solid Films, 2002, 414, 270-274.	0.8	1
95	Magnetic Behavior at Low Temperatures of Ti Oxide Polycrystalline Samples. Journal of Sol-Gel Science and Technology, 2002, 24, 241-245.	1.1	8
96	Effects of Small Fields on the Magnetic Response of Superconducting Thin Films of MgB2. Journal of Superconductivity and Novel Magnetism, 2002, 15, 479-482.	0.5	5
97	Use of AC Susceptometry to Study Magnetoresistive Properties of Ceramic Samples. Journal of Superconductivity and Novel Magnetism, 2002, 15, 463-468.	0.5	0
98	Magnetic relaxation behavior inLa0.5Ca0.5MnO3andNd0.5Sr0.5MnO3. Physical Review B, 2001, 63, .	1.1	45
99	Weak ferromagnetism in poly(3-methylthiophene)(PMTh). Synthetic Metals, 2001, 121, 1836-1837.	2.1	18
100	A new FeIII(Âµ-OCH3)2(Âµ-OAc)FeIII complex containing phenolate and imidazole ligands as a structural model for the active site of non-heme diiron enzymesâ€. Dalton Transactions RSC, 2001, , 2616-2623.	2.3	40
101	Granularity in superconductors: intrinsic properties and processing-dependent effects. Physica C: Superconductivity and Its Applications, 2001, 354, 189-196.	0.6	27
102	Critical current of tridimensional La1.85Sr0.15CuO4â^Îŕdisordered Josephson junction arrays â€“ dependence with the magnetic field. Physica C: Superconductivity and Its Applications, 2001, 354, 284-288.	0.6	5
103	Vortex-lattice melting in HgBa2CaCu2O6+Îŕ: changes in dimensionality. Physica C: Superconductivity and Its Applications, 2001, 354, 294-298.	0.6	2
104	Influence of oxygen disorder on the magnetic properties of LaBaCuFeO5+Îŕ: an EXAFS and neutron diffraction study. Physica C: Superconductivity and Its Applications, 2001, 356, 149-159.	0.6	9
105	Field-induced networks of weak-links: an experimental demonstration that the paramagnetic Meissner effect is inherent to granularity. Physica C: Superconductivity and Its Applications, 2001, 361, 267-273.	0.6	13
106	Crystal structure and magnetic properties of a new tetranuclear iron (III) complex with asymmetric iron coordination as a model for polynuclear iron proteins. Inorganic Chemistry Communication, 2001, 4, 173-176.	1.8	18
107	Universal temperature behavior of remanent magnetization observed in low-Tc and high-Tc Josephson junction arrays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 291, 311-314.	0.9	3
108	Magnetic field effects and DC magnetic susceptibility of chromium near the spin-flip transition. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1086-1088.	1.0	3

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109	Structural, thermal and magnetic properties of Pr-123 polycrystalline and thin film superconductors. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 283-284.	1.0	4
110	Spin frustration in Cr alloys with magnetic impurities. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1332-1334.	1.0	2
111	Design studies of the magnetic properties of structural materials affecting the magnetic field of high-homogeneity superconducting magnets. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 2104-2106.	1.0	1
112	Magnetic irreversibility of discontinuous Fe/CaF2 multilayers with thermal annealing. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1738-1739.	1.0	0
113	Magnetic relaxation and magnetization field dependence measurements in La0.5Ca0.5MnO3. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 500-501.	1.0	3
114	Evaluating the critical current magnitude and distribution width of tridimensional Josephson junction arrays. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 285-287.	1.0	0
115	Ferromagnetic-like hysteresis and an exchange biasing effect in bulk spin-density-wave CrCoV alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1083-1085.	1.0	2
116	Magnetic field dependence of the critical current of tridimensional YBa2Cu3O7â˜Î´ Josephson junction arrays. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 293-295.	1.0	8
117	Polaronic ferromagnetism in conducting polymers. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 2023-2025.	1.0	10
118	Evidence of antiferromagnetic phases in discontinuous Fe/CaF2 multilayers. Journal of Magnetism and Magnetic Materials, 2001, 231, 337-346.	1.0	3
119	Crystallographic, microstructural and magnetic properties of polycrystalline PrBa2Cu3O7-Î´. Superconductor Science and Technology, 2001, 14, 522-527.	1.8	6
120	Spin glass phase in spin-density-wave Crâ€“Co alloys. Journal of Applied Physics, 2001, 89, 7056-7058.	1.1	0
121	Strong unidirectional anisotropy in spin-density-wave (Cr+6.5%Co)1â˜'xVx alloys. Journal of Applied Physics, 2000, 87, 6543-6545.	1.1	4
122	Superconductivity in sintered-polycrystalline PrBa2Cu3O7â˜Î´. Physica B: Condensed Matter, 2000, 284-288, 1033-1034.	1.3	26
123	The search for superconductivity in PrBa2Cu3O7â˜Î´. Physica C: Superconductivity and Its Applications, 2000, 341-348, 413-416.	0.6	14
124	Grain clusters contribution to the multilevel granular behavior in melt-textured YBa2Cu3O7â˜'d. Physica C: Superconductivity and Its Applications, 2000, 341-348, 537-538.	0.6	1
125	Absence of pinning mechanism change in the second magnetization peak of YBa2Cu3O6.5 at low temperature. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1131-1132.	0.6	0
126	Remanent magnetization of high-temperature Josephson junction arrays. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2723-2724.	0.6	15

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127	Crystallographic and magnetic structure of polycrystalline Zn7â^'xNixSb2O12 spinels. Materials Chemistry and Physics, 2000, 65, 208-211.	2.0	19
128	Magnetic remanence of Josephson junction arrays. Journal of Applied Physics, 2000, 87, 5555-5557.	1.1	15
129	Magnetic phases of imperfectly crystalline Co2SiO4. Journal of Non-Crystalline Solids, 2000, 273, 277-281.	1.5	9
130	Magnetic irreversibility in Fe/Cu multilayers. Journal of Physics Condensed Matter, 1999, 11, 47-57.	0.7	9
131	Frustrated Magnetization in Pr_xLa_{1-x}BaCuO₅Fe. Materials Science Forum, 1999, 302-303, 353-357.	0.3	0
132	Effects of Oxygen on the Phase Diagram of La_{1.85}Sr_{0.15}Cu<sub>4-Î´. Materials Science Forum, 1999, 302-303, 159-163.	0.3	1
133	Spin-Glass Phase in Antiferromagnetic CrVMn Alloy. Materials Science Forum, 1999, 302-303, 344-348.	0.3	1
134	Effects of copper deficiency on the magnetic response of La1.85Sr0.15Cu1â^'ÎµO4+Î´. Journal of Applied Physics, 1999, 85, 4515-4517.	1.1	1
135	Multilevel granular structure and its coupling distribution in melt-textured YBa2Cu3O7â^'Î´. Physica C: Superconductivity and Its Applications, 1999, 311, 98-106.	0.6	11
136	A new structure in the REBaCuFeO5+Î´ series: LaBaCuFeO5+Î´. Structure and magnetic properties in the La1â^'xPrxBaCuFeO5+Î´ system. Physica C: Superconductivity and Its Applications, 1999, 313, 105-114.	0.6	28
137	Irreversibility in bulk SDW Cr alloys: relevance for Cr multilayers. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 425-427.	1.0	3
138	Synthesis and characterization of new copper-deficient spin-glass compounds La1.85Sr0.15Cu1â^'ÎµO4+Î´. Materials Letters, 1999, 38, 289-293.	1.3	10
139	Crystallization observed from the spin behavior in poly(3-methylthiophene). Synthetic Metals, 1999, 101, 355.	2.1	2
140	Local Fe moment in commensurate and incommensurate spin-density wave Cr matrix. Journal of Magnetism and Magnetic Materials, 1998, 186, L1-L6.	1.0	3
141	The moment of Fe in a host: II. Effect of magnetic field in the spin-density-wave phase. Journal of Physics Condensed Matter, 1998, 10, 4911-4917.	0.7	5
142	Susceptibility of dilutely doped CrFe alloys. Journal of Physics Condensed Matter, 1998, 10, 6347-6366.	0.7	2
143	Frustration in the paramagnetic phase of spin-density-wave CrFeV alloys. Journal of Applied Physics, 1998, 83, 7384-7386.	1.1	8
144	Magnetic susceptibility of Fe/Cu multilayers: Ferromagnetic, antiferromagnetic, and spin-glass phases. Journal of Applied Physics, 1998, 83, 7372-7374.	1.1	4

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145	Magnetic field dependence of the Curieâ€“Weiss paramagnetism in CrV alloys. Journal of Applied Physics, 1997, 81, 4209-4211.	1.1	9
146	A new magnetic phase in the SDW alloy Cr + 3.2% Co: effect of doping with V. Journal of Physics Condensed Matter, 1997, 9, L577-L581.	0.7	7
147	The irreversibility line of magnetically grain-aligned Hg-1212 sample â€" Evidences of flux line lattice melting. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2051-2052.	0.6	1
148	Ac susceptibility investigation of the NÃ©el transition and the local moment behavior in Cr-V alloys. Journal of Magnetism and Magnetic Materials, 1996, 152, 86-90.	1.0	13
149	Exponential critical state model applied to ac susceptibility data for the superconductor YBa2Cu3O7â˜Î´. Journal of Applied Physics, 1996, 80, 3390-3395.	1.1	11
150	Correction to "Simultaneous Determination of Resistivity and Susceptibility in an ac-Susceptometer". IEEE Transactions on Magnetics, 1996, 32, 3335.	1.2	2
151	Suppression of the Curie - Weiss paramagnetism seen above the NÃ©el transition in dilute CrV alloys. Journal of Physics Condensed Matter, 1996, 8, L403-L407.	0.7	11
152	Spin-flip transition and magnetic phase diagram of Crî—¸V alloys. Solid State Communications, 1995, 96, 383-386.	0.9	8
153	Simultaneous determination of resistivity and susceptibility in an ac-susceptometer. IEEE Transactions on Magnetics, 1995, 31, 3403-3405.	1.2	9
154	Local moments in the paramagnetic phase of dilute CrV alloys. Journal of Physics Condensed Matter, 1994, 6, 1761-1767.	0.7	19
155	Study of the intergranular and intragranular characteristics in a Melt-Textured-Growth sample of YBa2Cu3O7â˜Î´. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3205-3206.	0.6	12
156	Magnetic properties of Ni(NO3)2â‹…2H2O as a function of hydrostatic pressure. Physical Review B, 1991, 43, 5784-5787.	1.1	4
157	Isothermal phase diagrams (Hp,P) for metamagnetic Ni(NO3)2â‹…2H2O. Physical Review B, 1989, 40, 2589-2590.	1.1	2
158	A possible tricritical line in Ni(NO3)2 Â· 2H2O. Journal of Magnetism and Magnetic Materials, 1987, 66, 397-399.	1.0	3
159	Determination of the spin reorientation direction at the spin-flop transition of CuCl2Â·2H2O, CoCl2Â·6H2O and CoBr2Â·6H2O using transversal differential magnetization measurements. Journal of Magnetism and Magnetic Materials, 1987, 66, 403-408.	1.0	0
160	A new approach to the experimental determination of the critical temperature of metamagnets. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 715-716.	1.0	3
161	Pressure dependence of the phase diagram of metamagnetic Ni(NO3)2â€‰â‹…â€‰2H2O. Journal of Applied Physics, 1982, 53, 7945-7947.	1.1	3
162	Antiferromagnetism in K2[FeCl5(H2O)] and its dependence upon hydrostatic pressure. Journal of Magnetism and Magnetic Materials, 1981, 24, 67-74.	1.0	8

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163	Pressure dependence of the spin-flop transition of antiferromagnetic K2[FeCl5(H2O)]. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 77, 183-184.	0.9	8
164	Superconducting properties of Ta-19 at% Zr and Ta-29 at% Zr. Physica Status Solidi A, 1976, 35, K135-K136.	1.7	4
165	Magnetic measurements at LNLS. , 0, , .		0