

# Jan Aarts

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Superconducting Triplet Rim Currents in a Spin-Textured Ferromagnetic Disk. Nano Letters, 2022, 22, 2209-2216.	4.5	7
2	Resistance minimum in $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces. Physical Review Materials, 2022, 6, .	1.9	3
3	Direct-Write Printing of Josephson Junctions in a Scanning Electron Microscope. ACS Nano, 2021, 15, 322-329.	7.3	15
4	Gate-tuned anomalous Hall effect driven by Rashba splitting in intermixed $\text{LaAlO}_3/\text{GdTiO}_3/\text{SrTiO}_3$ . Scientific Reports, 2021, 11, 10726.	1.6	6
5	Imaging Spin-Wave Damping Underneath Metals Using Electron Spins in Diamond. Advanced Quantum Technologies, 2021, 4, 2100094.	1.8	13
6	Universal size-dependent nonlinear charge transport in single crystals of the Mott insulator $\text{Ca}_2\text{RuO}_4$ . Npj Quantum Materials, 2021, 6, .	1.8	4
7	Electron Trapping Mechanism in $\text{LaAlO}_3/\text{SrTiO}_3$ Heterostructures. Physical Review Letters, 2020, 124, 017702.	1.9	35
8	Tunable Magnetic Scattering Effects at the $\text{LaAlO}_3/\text{SrTiO}_3$ Interface by Ionic Liquid Gating. ACS Applied Electronic Materials, 2020, 2, 3837-3842.	2.0	2
9	Magnetic resonance imaging of spin-wave transport and interference in a magnetic insulator. Science Advances, 2020, 6, .	4.7	70
10	Tuning Rashba spin-orbit coupling at $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by band filling. Physical Review B, 2020, 101, .	1.1	19
11	Spontaneous emergence of Josephson junctions in homogeneous rings of single-crystal $\text{Sr}_2\text{RuO}_4$ . Npj Quantum Materials, 2020, 5, .	1.8	13
12	Inhomogeneous superconductivity and quasilinear magnetoresistance at amorphous $\text{LaTiO}_3/\text{SrTiO}_3$ interfaces. Journal of Physics Condensed Matter, 2020, 33, 055001.	0.7	3
13	Quantifying work function differences using low-energy electron microscopy: The case of mixed-terminated strontium titanate. Ultramicroscopy, 2019, 200, 43-49.	0.8	13
14	Growing a $\text{LaAlO}_3/\text{SrTiO}_3$ heterostructure on $\text{Ca}_2\text{Nb}_3\text{O}_{10}$ nanosheets. Scientific Reports, 2019, 9, 17617.	1.6	1
15	Controlling the interfacial conductance in $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by off-axis sputter deposition. Physical Review Materials, 2019, 3, .	0.9	3
16	Mitigating target degradation in sputtering manganite thin films. Vacuum, 2018, 148, 131-135.	1.6	0
17	Long-range proximity effect in Nb-based heterostructures induced by a magnetically inhomogeneous permalloy layer. New Journal of Physics, 2017, 19, 023037.	1.2	9
18	Hybrid cold and hot-wall reaction chamber for the rapid synthesis of uniform graphene. Carbon, 2017, 118, 438-442.	5.4	15

#	ARTICLE	IF	CITATIONS
19	Anisotropic magnetothermoelectric power of ferromagnetic thin films. Journal of Magnetism and Magnetic Materials, 2017, 441, 542-547.	1.0	1
20	Influence of the magnetic configuration on the vortex-lattice instability in Nb/permalloy bilayers. Physical Review B, 2017, 96, .	1.1	7
21	Controlling supercurrents and their spatial distribution in ferromagnets. Nature Communications, 2017, 8, 2056.	5.8	19
22	Little-Parks oscillations with half-quantum fluxoid features in $\text{Sr}_2\text{RuO}_4$ microrings. Physical Review B, 2017, 96, .	2.1	30
23	Formation of a conducting $\text{LaAlO}_3/\text{SrTiO}_3$ interface studied by low-energy electron reflection during growth. Physical Review Materials, 2017, 1, .	0.9	1
24	Emergence of the stripe-domain phase in patterned permalloy films. Physical Review B, 2016, 94, .	1.1	22
25	Imaging pulsed laser deposition growth of homo-epitaxial $\text{SrTiO}_3$ by low-energy electron microscopy. Nanotechnology, 2016, 27, 495702.	1.3	3
26	Formation mechanism of Ruddlesden-Popper-type antiphase boundaries during the kinetically limited growth of Sr rich $\text{SrTiO}_3$ thin films. Scientific Reports, 2016, 6, 38296.	1.6	29
27	Triplet generation and upper critical field in superconducting spin valves based on $\text{CrO}_2$ . Physical Review B, 2016, 94, .	1.1	12
28	High-Quality $\text{CrO}_2$ Nanowires for Dissipation-less Spintronics. Physical Review X, 2016, 6, .	2.8	22
29	Striped nanoscale phase separation at the metal-insulator transition of heteroepitaxial nickelates. Nature Communications, 2016, 7, 13141.	5.8	58
30	Mesoscopic transport in thin films of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ . Thin Solid Films, 2016, 598, 305-310.	0.8	0
31	Temperature dependence of spin pumping and Gilbert damping in thin Co/Pt bilayers. Journal of Physics Condensed Matter, 2016, 28, 056004.	0.7	21
32	Formation of a mixed ordered termination on the surface of $\text{LaAlO}_3$ . Physical Review B, 2015, 91, .	1.1	11
33	Growing $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by sputter deposition. AIP Advances, 2015, 5, .	0.6	5
34	Detecting Rashba fields at the interface between Co and Si oxide by ferromagnetic resonance. Physical Review B, 2015, 91, .	1.1	7
35	Colossal Proximity Effect in a Superconducting Triplet Spin Valve Based on the Half-Metallic Ferromagnet $\text{CrO}_2$ . Physical Review X, 2015, 5, .	2.8	91
36	The effect of magnetic field on the intrinsic detection efficiency of superconducting single-photon detectors. Applied Physics Letters, 2015, 106, .	1.5	14

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37	Direct real space observation of magneto-electronic inhomogeneity in ultra-thin film La <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> on SrTiO <sub>3</sub> (001). Applied Physics Letters, 2014, 105, .	1.5	5
38	Controlled mechanical modification of manganite surface with nanoscale resolution. Nanotechnology, 2014, 25, 475302.	1.3	8
39	The surface structure of SrTiO <sub>3</sub> at high temperatures under influence of oxygen. Applied Physics Letters, 2014, 104, 051609.	1.5	9
40	Magnetic properties of Sm-Co thin films grown on MgO(100) deposited from a single alloy target. Journal of Applied Physics, 2014, 116, 053903.	1.1	2
41	Measurement of the spatial extent of inverse proximity in a Py/Nb/Py superconducting trilayer using low-energy muon-spin rotation. Physical Review B, 2014, 89, .	1.1	14
42	Anomalous transport in half-metallic ferromagnetic CrO <sub>2</sub> . Physical Review B, 2013, 88, .	1.1	29
43	Mechanical Control of Electroresistive Switching. Nano Letters, 2013, 13, 4068-4074.	4.5	55
44	Giant Magnetic Susceptibility of Gold Nanorods Detected by Magnetic Alignment. Physical Review Letters, 2013, 111, 127202.	2.9	22
45	Interface-Induced Room-Temperature Ferromagnetism in Hydrogenated Epitaxial Graphene. Physical Review Letters, 2013, 111, 166101.	2.9	84
46	Andreev spectroscopy of CrO <sub>2</sub> thin films on TiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> . Europhysics Letters, 2013, 103, 67005.	0.7	13
47	Non-conducting interfaces of LaAlO <sub>3</sub> /SrTiO <sub>3</sub> produced in sputter deposition: The role of stoichiometry. Applied Physics Letters, 2013, 102, .	1.5	30
48	New directions in point-contact spectroscopy based on scanning tunneling microscopy techniques (Review Article). Low Temperature Physics, 2013, 39, 189-198.	0.2	9
49	Large electric-field effects on the resistance of La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> microstructures. Physical Review B, 2012, 85, .	1.1	13
50	Large electric-field effects on the resistance of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> microstructures. Physical Review B, 2012, 85, .	1.1	2
51	Long range supercurrents in ferromagnetic CrO <sub>2</sub> using a multilayer contact structure. Applied Physics Letters, 2012, 100, 052602.	1.5	79
52	Conductivity of LaAlO <sub>3</sub> /SrTiO <sub>3</sub> Interfaces Made by Sputter Deposition. E-Journal of Surface Science and Nanotechnology, 2012, 10, 619-623.	0.1	4
53	Evidence for spin mixing in holmium thin film and crystal samples. Physical Review B, 2011, 83, .	1.1	26
54	Inducing supercurrents in thin films of ferromagnetic CrO <sub>2</sub> . Superconductor Science and Technology, 2011, 24, 024016.	1.8	27

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55	Effect of the variation of the exchange energy on the superconducting critical temperature of S/F/S trilayers. European Physical Journal B, 2011, 80, 445-449.	0.6	10
56	X-ray scattering study of interfacial roughness in Nb/PdNi multilayers. Surface Science, 2011, 605, 1791-1796.	0.8	5
57	Multiple order parameter configurations in superconductor/ferromagnet multilayers. Physical Review B, 2011, 84, .	1.1	13
58	Nonlinear mesoscopic transport in a strongly cooperative electron system: The La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> microbridge. Physical Review B, 2011, 83, .	1.1	10
59	Interface resistance of $YBa_2Cu_3O_{7-x}$ . Physical Review B, 2010, 82, .	1.1	237
60	Magnetic coupling in superconducting spin valves with strong ferromagnets. Physical Review B, 2010, 82, .	1.1	15
61	Long-range supercurrents through half-metallic ferromagnetic $CrO_2$ . Physical Review B, 2010, 82, .	1.1	237
62	Superconductor/Ferromagnet Hybrids: Bilayers and Spin Switching. Nanoscience and Technology, 2010, , 323-347.	1.5	6
63	Domain-wall enhancement of superconductivity in superconductor/ferromagnet hybrids: Case of weak ferromagnets. Physical Review B, 2009, 80, .	1.1	19
64	Nonmonotonic behavior of the anisotropy coefficient in superconductor-ferromagnet-superconductor trilayers. Physical Review B, 2009, 80, .	1.1	18
65	Charge carrier localization due to ferromagnetic clusters in concentrated AuFe alloys. Physical Review B, 2009, 79, .	1.1	3
66	Charge-order melting and magnetic phase separation in thin films of $Pr_2CuO_7$ . Physical Review B, 2009, 79, .	1.1	29
67	Magnetization-induced resistance-switching effects in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> /YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> bi- and trilayers. Physical Review B, 2009, 79, .	1.1	35
68	Resistive Transitions in S/F/S Trilayers. Solid State Phenomena, 2009, 152-153, 478-481.	0.3	2
69	Localization of conduction electrons in the ferromagnetic clusters AuFe. JETP Letters, 2009, 89, 466-470.	0.4	1
70	Magnetization rotation in a superconductor/ferromagnet bilayer ring structure. Physical Review B, 2009, 80, .	1.1	1
71	Persistent photoconductivity and magnetoresistance in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.34</sub> thin film. Journal of Physics: Conference Series, 2009, 150, 052220.	0.3	0
72	RKKY interaction and a pseudo-gap in terahertz conductivity spectra of the AuFe spin glass. Physics of Metals and Metallography, 2008, 106, 247-252.	0.3	0

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73	Resistive transitions in Nb/Cu <sub>0.41</sub> Ni <sub>0.59</sub> /Nb trilayers. JETP Letters, 2008, 88, 375-379.	0.4	10
74	Investigating the occurrence of magnetic order in strained thin films of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> by muon spin relaxation. Europhysics Letters, 2008, 83, 47013.	0.7	2
75	Spin Dynamics in a Superconductor-Ferromagnet Proximity System. Physical Review Letters, 2008, 100, 047002.	2.9	83
76	Microscopic Proximity Effect Parameters In S/N And S/F Heterostructures. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 269-279.	0.2	1
77	Depairing current behavior in superconducting Nb <sup>+</sup> Pd <sub>81</sub> Ni <sub>19</sub> bilayers. Physical Review B, 2007, 75, .	1.1	26
78	High-velocity instabilities in the vortex lattice of Nb/permalloy bilayers. Physical Review B, 2007, 76, .	1.1	24
79	Defect-induced charge-order melting in thin films of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2007, 101, 063919.	1.1	12
80	Transport properties of microstructured ultrathin films of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> on SrTiO <sub>3</sub> . Applied Physics Letters, 2007, 91, .	1.5	13
81	Critical Voltage Of A Mesoscopic Superconductor Between Normal Electrodes. AIP Conference Proceedings, 2006, , .	0.3	0
82	Critical temperatures in proximity coupled Nb/Pd <sub>0.86</sub> Ni <sub>0.14</sub> bilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3015-3018.	0.8	2
83	The effects of magnetization switching on the superconducting properties of S/F bilayers and F/S/F trilayers. Comptes Rendus Physique, 2006, 7, 99-106.	0.3	19
84	Terahertz spectroscopy of AuFe spin glasses. Journal of Experimental and Theoretical Physics, 2006, 103, 887-896.	0.2	6
85	Charge localization due to RKKY interaction in the spin-glass AuFe. Europhysics Letters, 2006, 76, 938-944.	0.7	4
86	Enhancing the charge ordering temperature in thin films of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> by strain. Applied Physics Letters, 2006, 88, 072507.	1.5	40
87	Flux-flow-induced giant magnetoresistance in all-amorphous superconductor-ferromagnet hybrids. Physical Review B, 2006, 74, .	1.1	34
88	Critical Voltage of a Mesoscopic Superconductor. Physical Review Letters, 2006, 96, 147002.	2.9	34
89	Inverse spin switch effects in ferromagnet-superconductor-ferromagnet trilayers with strong ferromagnets. Physical Review B, 2006, 73, .	1.1	115
90	Crystal structure of (La,Ca)MnO <sub>3</sub> ultrathin films deposited on SrTiO <sub>3</sub> substrates. Philosophical Magazine, 2005, 85, 4465-4476.	0.7	6

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91	Superconducting proximity effect and interface transparency in Nb/Pd bilayers. Physical Review B, 2005, 72, .	1.1	57
92	Depairing currents in superconducting films of Nb and amorphous MoGe. Physical Review B, 2004, 70, .	1.1	48
93	Properties and microstructure of ultrathin (La,Ca)MnO <sub>3</sub> films under different conditions of strain. Physical Review B, 2004, 70, .	1.1	23
94	Enhancement of the Superconducting Transition Temperature in Nb/Permalloy Bilayers by Controlling the Domain State of the Ferromagnet. Physical Review Letters, 2004, 93, 057002.	2.9	131
95	First-order nature of a metamagnetic transition and mechanism of giant magnetoresistance in Mn <sub>2</sub> Sb <sub>0.95</sub> Sn <sub>0.05</sub> . Physical Review B, 2004, 70, .	1.1	36
96	Depairing currents in superconductor ferromagnet Nb/CuNi trilayers close to T <sub>c</sub> . Physica C: Superconductivity and Its Applications, 2004, 404, 322-325.	0.6	7
97	STM imaging of vortex structures in NbN thin films. Physica C: Superconductivity and Its Applications, 2003, 388-389, 777-778.	0.6	5
98	Doping and field effects on the lowest Kramers doublet splitting in La <sub>1.6</sub> xNd <sub>0.4</sub> SrxCuO <sub>4</sub> single crystal. Physica C: Superconductivity and Its Applications, 2003, 392-396, 207-212.	0.6	6
99	Imaging of vortex configurations in thin films by scanning-tunneling microscopy. Applied Physics Letters, 2003, 82, 1081-1083.	1.5	20
100	Strain release of (La,Ca)MnO <sub>3</sub> thin films by YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Physical Review B, 2003, 67, .	1.1	14
101	Proximity effects in the superconductor/heavy-fermion bilayer system Nb/CeCu. Europhysics Letters, 2003, 64, 91-97.	0.7	5
102	STM Imaging of Flux Line Arrangements in the Peak Effect Regime. Physical Review Letters, 2002, 89, 147006.	2.9	63
103	Disorder-induced melting of the charge order in thin films of Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Europhysics Letters, 2002, 58, 864-870.	0.7	26
104	Inhomogeneous superconductivity induced in a weak ferromagnet. Physica C: Superconductivity and Its Applications, 2002, 369, 300-303.	0.6	45
105	STM imaging of vortex configurations in films of a-Mo <sub>3</sub> Ge through a Au layer. Physica C: Superconductivity and Its Applications, 2002, 369, 335-338.	0.6	8
106	Coupling of two superconductors through a ferromagnet. SFS junctions and intrinsically-frustrated superconducting networks. Physics-Uspekhi, 2001, 44, 81-86.	0.8	9
107	Coupling of Two Superconductors through a Ferromagnet: Evidence for a Junction. Physical Review Letters, 2001, 86, 2427-2430.	2.9	1,067
108	Hall-conductivity sign change and fluctuations in amorphous Nb <sub>x</sub> Ge <sub>1-x</sub> films. Physical Review B, 2001, 64, .	1.1	12

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109	Dynamic vortex ordering in thin $\text{Nb}_70\text{Ge}_30$ films. <i>Physical Review B</i> , 2001, 63, .	1.1	13
110	Depairing currents in the superconductor/ferromagnet proximity system Nb/Fe. <i>Physical Review B</i> , 2001, 64, .	1.1	53
111	Thickness dependence of the ground-state properties of thin films of the heavy-fermion compound $\text{CeCu}_6$ . <i>Physical Review B</i> , 2001, 64, .	1.1	7
112	Atomic structure and microstructure of very thin films of $\text{La}_{0.73}\text{Ca}_{0.27}\text{MnO}_3$ on $\text{SrTiO}_3$ . <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2000, 80, 337-350.	0.8	18
113	Low-energy muon study of CMR and spin-glass films. <i>Physica B: Condensed Matter</i> , 2000, 289-290, 331-333.	1.3	0
114	Ground-state properties of thin films of the heavy-fermion system $\text{CeCu}_6$ with varying thickness. <i>Physica B: Condensed Matter</i> , 2000, 281-282, 53-55.	1.3	0
115	Collective and plastic vortex motion probed by STM. <i>Physica B: Condensed Matter</i> , 2000, 280, 225-226.	1.3	2
116	Reentrant superconducting behavior of the Josephson SFS junction. Evidence for the $\tilde{\epsilon}$ -phase state. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1613-1614.	0.6	8
117	High Numerical Aperture Optical Recording: Active Tilt Correction or Thin Cover Layer?. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 1786-1792.	0.8	18
118	Depinning and anisotropic order in flowing and static vortex lattices in $\text{NbSe}_2$ studied with magnetic decoration. <i>Physical Review B</i> , 1999, 60, 14601-14604.	1.1	8
119	Magnetoresistance and atomic structure of ultrathin films of $\text{La}_{0.73}\text{Ca}_{0.27}\text{MnO}_3$ on $\text{SrTiO}_3$ . <i>Physical Review B</i> , 1999, 60, 10259-10262.	1.1	57
120	Domain structure in polycrystalline $\text{MnZn}$ ferrite imaged by magnetic force microscopy. <i>Journal of Applied Physics</i> , 1999, 85, 7302-7309.	1.1	17
121	Preparation and transport properties of high-quality thin films of the heavy-fermion system $\text{CeCu}_6$ . <i>Physica B: Condensed Matter</i> , 1999, 259-261, 30-31.	1.3	2
122	Tunneling spectroscopy on the correlation effects in $\text{FeSi}$ . <i>Physica B: Condensed Matter</i> , 1999, 259-261, 860-861.	1.3	0
123	Collective and plastic vortex motion in superconductors at high flux densities. <i>Nature</i> , 1999, 399, 665-668.	13.7	165
124	Spatially Inhomogeneous Metal-Insulator Transition in Doped Manganites. <i>Science</i> , 1999, 285, 1540-1542.	6.0	797
125	Tunneling spectroscopy on the correlation effects in $\text{FeSi}$ . <i>Physical Review B</i> , 1998, 58, 15483-15490.	1.1	40
126	Elastic deformations in field-cooled vortex lattices in $\text{NbSe}_2$ . <i>Physical Review B</i> , 1998, 57, 6061-6066.	1.1	12



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127	Disorder effects in epitaxial thin films of (La,Ca)MnO <sub>3</sub> . Applied Physics Letters, 1998, 72, 2975-2977.	1.5	92
128	Superconducting properties of thin films of CeRu <sub>2</sub> . , 1998, 3480, 160.		0
129	Differences in properties of thin films of La <sub>0.73</sub> Ca <sub>0.27</sub> MnO <sub>3</sub> grown on SrTiO <sub>3</sub> or LaAlO <sub>3</sub> by sputter deposition. , 1998, , .		3
130	Observation of the Correlated Vortex Flow in NbSe <sub>2</sub> with Magnetic Decoration. Physical Review Letters, 1997, 78, 531-534.	2.9	63
131	Comment on "Magnetic-coherence-length scaling in metallic multilayers". Physical Review B, 1997, 56, 8432-8433.	1.1	4
132	Dimensionality of collective pinning in 2Hâ <sup>+</sup> NbSe <sub>2</sub> single crystals. Physical Review B, 1997, 56, 3425-3432.	1.1	32
133	Interface transparency of superconductor/ferromagnetic multilayers. Physical Review B, 1997, 56, 2779-2787.	1.1	203
134	Magnetic and transport properties of sputtered La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> thin films. Journal of Magnetism and Magnetic Materials, 1997, 165, 380-382.	1.0	16
135	Vortex core shapes measured by STM. Zeitschrift für Physik B-Condensed Matter, 1997, 102, 317-321.	1.1	11
136	Critical current measurements on thin films of CeRu <sub>2</sub> . Physica B: Condensed Matter, 1997, 230-232, 377-379.	1.3	3
137	Determination of the quenching temperature for the vortex lattice in field-cooling decoration experiments. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2083-2084.	0.6	13
138	Double-sided decoration on NbSe <sub>2</sub> . Physica C: Superconductivity and Its Applications, 1997, 282-287, 2085-2086.	0.6	1
139	Influence of the magnetic moment on the superconductivity in S/F multilayers. European Physical Journal D, 1996, 46, 733-734.	0.4	1
140	Tunneling spectroscopy on correlated electron systems. Physica B: Condensed Matter, 1995, 206-207, 43-48.	1.3	12
141	Critical fields in vanadium-based superconducting/ferromagnetic multilayers. Physica C: Superconductivity and Its Applications, 1995, 248, 61-70.	0.6	17
142	Flux Droplet Formation in NbSe <sub>2</sub> Single Crystals Observed by Decoration. Physical Review Letters, 1995, 75, 2400-2403.	2.9	32
143	Tunnelling Spectroscopy on the Heavy-Fermion Superconductors UPd <sub>2</sub> Al <sub>3</sub> and UNi <sub>2</sub> Al <sub>3</sub> in the Normal State. Europhysics Letters, 1994, 26, 203-208.	0.7	23
144	Vortex lattice melting in multilayers with variable anisotropies. Physical Review Letters, 1994, 72, 3250-3253.	2.9	23

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145	Decoupling of superconducting V by ultrathin Fe layers in V/Fe multilayers. Physical Review B, 1994, 49, 441-449.	1.1	113
146	Tunneling and point contact spectroscopy on UPd <sub>2</sub> Al <sub>3</sub> in the normal state. Physica B: Condensed Matter, 1994, 194-196, 2033-2034.	1.3	4
147	Interplay between superconductivity and magnetism in various superconducting/ferromagnetic multilayers. Physica B: Condensed Matter, 1994, 194-196, 2385-2386.	1.3	3
148	Nanometer scale patterns etched into superconducting NbSe <sub>2</sub> with an STM at 4.2 K. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1909-1910.	0.6	3
149	Vortex-lattice transition in superconducting Nb/NbZr multilayers. Physical Review B, 1993, 47, 934-943.	1.1	33
150	Critical temperatures and critical currents in sputtered thin films of Bi-Sr-Ca-Cu-O with varying O-concentration. Superconductor Science and Technology, 1992, 5, S220-S223.	1.8	0
151	Critical currents as probe for the phase diagram of Nb/NbZr multilayers. Superconductor Science and Technology, 1992, 5, S483-S486.	1.8	4
152	Sharp anomalies in the point-contact spectra of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>x</sub> investigated with an adjustable point contact. Physica C: Superconductivity and Its Applications, 1992, 201, 426-432.	0.6	2
153	The crucial effect of the outer layers on the critical fields of NB/NBZR-type superconducting superlattices. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2071-2072.	0.6	3
154	Outer layers determine the parallel critical field of a superconducting multilayer. Physical Review B, 1991, 44, 7745-7748.	1.1	9
155	Flux pinning and peak effects in single crystalline 2H-NbSe <sub>2</sub> . Physica B: Condensed Matter, 1990, 165-166, 1167-1168.	1.3	2
156	Parallel critical fields in Nb/Nb <sub>0.6</sub> Zr <sub>0.4</sub> multilayers. Physica B: Condensed Matter, 1990, 165-166, 475-476.	1.3	7
157	Proximity effect in superconducting multilayers. Vacuum, 1990, 41, 1476-1480.	1.6	0
158	Dimensionality Crossovers in the Parallel Critical Fields of Nb/Nb <sub>0.6</sub> Zr <sub>0.4</sub> Multilayers. Europhysics Letters, 1990, 12, 447-452.	0.7	22
159	Tilt-modulus enhancement of the vortex lattice in the layered superconductor 2H-NbSe <sub>2</sub> . Physical Review B, 1990, 42, 1004-1007.	1.1	47
160	Dissipation in highly anisotropic superconductors. Physical Review Letters, 1990, 64, 1063-1066.	2.9	498
161	Proximity effect in superconducting bilayers and multilayers. Physical Review B, 1990, 41, 4739-4742.	1.1	2
162	Diffusion of Si into Ge studied by core level photoemission. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 5-8.	0.9	41

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