

Jan Aarts

List of Publications by Year in descending order

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191
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191
times ranked

5521
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity in the Presence of Strong Pauli Paramagnetism: CeCu ₂ Si ₂ . Physical Review Letters, 1979, 43, 1892-1896.	2.9	1,835
2	Coupling of Two Superconductors through a Ferromagnet: Evidence for a π -Junction. Physical Review Letters, 2001, 86, 2427-2430.	2.9	1,067
3	Spatially Inhomogeneous Metal-Insulator Transition in Doped Manganites. Science, 1999, 285, 1540-1542.	6.0	797
4	Thermally assisted flux flow at small driving forces. Superconductor Science and Technology, 1989, 1, 242-248.	1.8	561
5	Dissipation in highly anisotropic superconductors. Physical Review Letters, 1990, 64, 1063-1066.	2.9	498
6	Long-range supercurrents through half-metallic ferromagnetic CrO_2 . Physical Review B, 2010, 82, .	1.1	237
7	Interface transparency of superconductor/ferromagnetic multilayers. Physical Review B, 1997, 56, 2779-2787.	1.1	203
8	Collective and plastic vortex motion in superconductors at high flux densities. Nature, 1999, 399, 665-668.	13.7	165
9	Critical Fields of the "Heavy-Fermion" Superconductor CeCu ₂ Si ₂ . Physical Review Letters, 1982, 49, 1448-1451.	2.9	143
10	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
11	Inverse spin switch effects in ferromagnet-superconductor-ferromagnet trilayers with strong ferromagnets. Physical Review B, 2006, 73, .	1.1	115
12	Decoupling of superconducting V by ultrathin Fe layers in V/Fe multilayers. Physical Review B, 1994, 49, 441-449.	1.1	113
13	Superconductivity in CeCu ₂ Si ₂ (invited). Journal of Applied Physics, 1982, 53, 2111-2116.	1.1	112
14	Observations on intensity oscillations in reflection high-energy electron diffraction during epitaxial growth of Si(001) and Ge(001). Applied Physics Letters, 1986, 48, 931-933.	1.5	102
15	Disorder effects in epitaxial thin films of (La,Ca)MnO ₃ . Applied Physics Letters, 1998, 72, 2975-2977.	1.5	92
16	Colossal Proximity Effect in a Superconducting Triplet Spin Valve Based on the Half-Metallic Ferromagnet CrO_2 . Physical Review X, 2015, 5, .	2.8	91
17	Interface-Induced Room-Temperature Ferromagnetism in Hydrogenated Epitaxial Graphene. Physical Review Letters, 2013, 111, 166101.	2.9	84
18	Spin Dynamics in a Superconductor-Ferromagnet Proximity System. Physical Review Letters, 2008, 100, 047002.	2.9	83

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19	Long range supercurrents in ferromagnetic CrO ₂ using a multilayer contact structure. Applied Physics Letters, 2012, 100, 052602.	1.5	79
20	Gapless superconductivity and variation of T _c in the heavy-fermion system CeCu ₂ Si ₂ . Journal of Magnetism and Magnetic Materials, 1983, 31-34, 373-376.	1.0	76
21	Magnetic resonance imaging of spin-wave transport and interference in a magnetic insulator. Science Advances, 2020, 6, .	4.7	70
22	Monolayer and bilayer growth on Ge(111) and Si(111). Surface Science, 1987, 188, 391-401.	0.8	68
23	Observation of the Correlated Vortex Flow in NbSe ₂ with Magnetic Decoration. Physical Review Letters, 1997, 78, 531-534.	2.9	63
24	STM Imaging of Flux Line Arrangements in the Peak Effect Regime. Physical Review Letters, 2002, 89, 147006.	2.9	63
25	Striped nanoscale phase separation at the metal-insulator transition of heteroepitaxial nickelates. Nature Communications, 2016, 7, 13141.	5.8	58
26	Magnetoresistance and atomic structure of ultrathin films of La _{0.73} Ca _{0.27} MnO ₃ on SrTiO ₃ . Physical Review B, 1999, 60, 10259-10262.	1.1	57
27	Superconducting proximity effect and interface transparency in Nb/Pd bilayers. Physical Review B, 2005, 72, .	1.1	57
28	Electronic structure of the Ge(111)-c(2 $\sqrt{3}$ × $\sqrt{3}$) surface. Physical Review B, 1988, 37, 8190-8197.	1.1	56
29	Mechanical Control of Electroresistive Switching. Nano Letters, 2013, 13, 4068-4074.	4.5	55
30	Core-level study of the phase transition on the Ge(111)-c(2 $\sqrt{3}$ × $\sqrt{3}$) surface. Physical Review B, 1988, 38, 3925-3930.	1.1	53
31	Depairing currents in the superconductor/ferromagnet proximity system Nb/Fe. Physical Review B, 2001, 64, .	1.1	53
32	Specific heat and thermal expansion of CeCu ₂ Si ₂ at low temperature. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 30-32.	1.0	49
33	Depairing currents in superconducting films of Nb and amorphous MoGe. Physical Review B, 2004, 70, .	1.1	48
34	Tilt-modulus enhancement of the vortex lattice in the layered superconductor 2H-NbSe ₂ . Physical Review B, 1990, 42, 1004-1007.	1.1	47
35	Inhomogeneous superconductivity induced in a weak ferromagnet. Physica C: Superconductivity and Its Applications, 2002, 369, 300-303.	0.6	45
36	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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37	Tunneling spectroscopy on the correlation effects in FeSi. Physical Review B, 1998, 58, 15483-15490.	1.1	40
38	Enhancing the charge ordering temperature in thin films of Pr _{0.5} Ca _{0.5} MnO ₃ by strain. Applied Physics Letters, 2006, 88, 072507.	1.5	40
39	Magnetic properties of CeCu ₂ Si ₂ . Journal of Magnetism and Magnetic Materials, 1985, 47-48, 33-35.	1.0	38
40	First-order nature of a metamagnetic transition and mechanism of giant magnetoresistance in Mn ₂ Sb _{0.95} Sn _{0.05} . Physical Review B, 2004, 70, .	1.1	36
41	Magnetization-induced resistance-switching effects in La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O ₇ ^δ bil- and trilayers. Physical Review B, 2009, 79, .	1.1	35
42	Electron Trapping Mechanism in $\text{LaAlO}_3/\text{SrTiO}_3$ Heterostructures. Physical Review Letters, 2020, 124, 017702.	1.9	35
43	Flux-flow-induced giant magnetoresistance in all-amorphous superconductor-ferromagnet hybrids. Physical Review B, 2006, 74, .	1.1	34
44	Critical Voltage of a Mesoscopic Superconductor. Physical Review Letters, 2006, 96, 147002.	2.9	34
45	Vortex-lattice transition in superconducting Nb/NbZr multilayers. Physical Review B, 1993, 47, 934-943.	1.1	33
46	Magnetization and specific heat of CeAl ₃ . Journal of Magnetism and Magnetic Materials, 1985, 47-48, 60-62.	1.0	32
47	Flux Droplet Formation in NbSe ₂ Single Crystals Observed by Decoration. Physical Review Letters, 1995, 75, 2400-2403.	2.9	32
48	Dimensionality of collective pinning in 2H-NbSe ₂ single crystals. Physical Review B, 1997, 56, 3425-3432.	1.1	32
49	Non-conducting interfaces of LaAlO ₃ /SrTiO ₃ produced in sputter deposition: The role of stoichiometry. Applied Physics Letters, 2013, 102, .	1.5	30
50	Little-Parks oscillations with half-quantum fluxoid features in Sr ₂ Cr ₂ O ₇ microrings. Physical Review B, 2017, 96, .	2.1	30
51	Anomalous transport in half-metallic ferromagnetic CrO ₂ . Physical Review B, 2013, 88, .	1.1	29
52	Formation mechanism of Ruddlesden-Popper-type antiphase boundaries during the kinetically limited growth of Sr rich SrTiO ₃ thin films. Scientific Reports, 2016, 6, 38296.	1.6	29
53	The magnetic behaviour of CePd ₃ at low temperatures. Solid State Communications, 1985, 56, 623-626.	0.9	28
54	²⁹ Si nuclear magnetic resonance and relaxation in the paramagnetic state of CeCu ₂ Si ₂ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1983, 121, 162-168.	0.9	27

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55	Inducing supercurrents in thin films of ferromagnetic CrO ₂ . Superconductor Science and Technology, 2011, 24, 024016.	1.8	27
56	Frequency dependence of the freezing temperature in spin glasses: A comparative study of (La, Gd)B ₆ , (Y, Gd)Al ₂ and (La, Gd)Al ₂ . Zeitschrift für Physik B-Condensed Matter, 1980, 40, 127-132.	1.1	26
57	Disorder-induced melting of the charge order in thin films of Pr _{0.5} Ca _{0.5} MnO ₃ . Europhysics Letters, 2002, 58, 864-870.	0.7	26
58	Depairing current behavior in superconducting Nb/Pd ₈₁ Ni ₁₉ bilayers. Physical Review B, 2007, 75, .	1.1	26
59	Evidence for spin mixing in holmium thin film and crystal samples. Physical Review B, 2011, 83, .	1.1	26
60	Nuclear quadrupole resonance and heavy-fermion superconductivity in CeCu ₂ Si ₂ . Physical Review B, 1984, 30, 1577-1579.	1.1	25
61	Collective phenomena in anomalous Ce compounds. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 889-891.	1.0	24
62	High-velocity instabilities in the vortex lattice of Nb/permalloy bilayers. Physical Review B, 2007, 76, .	1.1	24
63	Tunnelling Spectroscopy on the Heavy-Fermion Superconductors UPd ₂ Al ₃ and UNi ₂ Al ₃ in the Normal State. Europhysics Letters, 1994, 26, 203-208.	0.7	23
64	Vortex lattice melting in multilayers with variable anisotropies. Physical Review Letters, 1994, 72, 3250-3253.	2.9	23
65	Properties and microstructure of ultrathin (La,Ca)MnO ₃ films under different conditions of strain. Physical Review B, 2004, 70, .	1.1	23
66	Dimensionality Crossovers in the Parallel Critical Fields of Nb/Nb _{0.6} Zr _{0.4} Multilayers. Europhysics Letters, 1990, 12, 447-452.	0.7	22
67	Interface resistance of $YBa_{2}Cu_{3}O_{7-x}/Mn_{2}O_{4}$. Physical Review B, 2010, 82, .	1.1	22
68	Giant Magnetic Susceptibility of Gold Nanorods Detected by Magnetic Alignment. Physical Review Letters, 2013, 111, 127202.	2.9	22
69	Emergence of the stripe-domain phase in patterned permalloy films. Physical Review B, 2016, 94, .	1.1	22
70	High-Quality CrO_{2} Nanowires for Dissipation-less Spintronics. Physical Review X, 2016, 6, .	1.1	22
71	Temperature dependence of spin pumping and Gilbert damping in thin Co/Pt bilayers. Journal of Physics Condensed Matter, 2016, 28, 056004.	0.7	21
72	Imaging of vortex configurations in thin films by scanning-tunneling microscopy. Applied Physics Letters, 2003, 82, 1081-1083.	1.5	20

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73	Charge-order melting and magnetic phase separation in thin films of $\text{Pr}_{0.7}\text{Ca}_{0.27}\text{MnO}_3$. Physical Review B, 2009, 79, .	1.1	20
74	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
75	Domain-wall enhancement of superconductivity in superconductor/ferromagnet hybrids: Case of weak ferromagnets. Physical Review B, 2009, 80, .	1.1	19
76	Controlling supercurrents and their spatial distribution in ferromagnets. Nature Communications, 2017, 8, 2056.	5.8	19
77	High Numerical Aperture Optical Recording: Active Tilt Correction or Thin Cover Layer?. Japanese Journal of Applied Physics, 1999, 38, 1786-1792.	0.8	18
78	Atomic structure and microstructure of very thin films of $\text{La}_{0.73}\text{Ca}_{0.27}\text{MnO}_3$ on SrTiO_3 . Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 2000, 80, 337-350.	0.8	18
79	Nonmonotonic behavior of the anisotropy coefficient in superconductor-ferromagnet-superconductor trilayers. Physical Review B, 2009, 80, .	1.1	18
80	Critical fields in vanadium-based superconducting/ferromagnetic multilayers. Physica C: Superconductivity and Its Applications, 1995, 248, 61-70.	0.6	17
81	Domain structure in polycrystalline MnZn ferrite imaged by magnetic force microscopy. Journal of Applied Physics, 1999, 85, 7302-7309.	1.1	17
82	Magnetic and transport properties of sputtered $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ thin films. Journal of Magnetism and Magnetic Materials, 1997, 165, 380-382.	1.0	16
83	On the intrinsic susceptibility of iv cerium systems. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 425-427.	1.0	15
84	Magnetic coupling in superconducting spin valves with strong ferromagnets. Physical Review B, 2010, 82, .	1.1	15
85	Hybrid cold and hot-wall reaction chamber for the rapid synthesis of uniform graphene. Carbon, 2017, 118, 438-442.	5.4	15
86	Direct-Write Printing of Josephson Junctions in a Scanning Electron Microscope. ACS Nano, 2021, 15, 322-329.	7.3	15
87	Strain release of $(\text{La,Ca})\text{MnO}_3$ thin films by $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review B, 2003, 67, .	1.1	14
88	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
89	The effect of magnetic field on the intrinsic detection efficiency of superconducting single-photon detectors. Applied Physics Letters, 2015, 106, .	1.5	14
90	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

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91	Dynamic vortex ordering in thin Nb_7Ge_3 films. Physical Review B, 2001, 63, .	1.1	13
92	Transport properties of microstructured ultrathin films of $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ on SrTiO_3 . Applied Physics Letters, 2007, 91, .	1.5	13
93	Multiple order parameter configurations in superconductor/ferromagnet multilayers. Physical Review B, 2011, 84, .	1.1	13
94	Hall effect measurements on strained and unstrained thin films of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. Physical Review B, 2011, 84, .	1.1	13
95	Andreev spectroscopy of CrO_2 thin films on TiO_2 and Al_2O_3 . Europhysics Letters, 2013, 103, 67005.	0.7	13
96	Quantifying work function differences using low-energy electron microscopy: The case of mixed-terminated strontium titanate. Ultramicroscopy, 2019, 200, 43-49.	0.8	13
97	Spontaneous emergence of Josephson junctions in homogeneous rings of single-crystal Sr_2RuO_4 . Npj Quantum Materials, 2020, 5, .	1.8	13
98	Imaging Spin-Wave Damping Underneath Metals Using Electron Spins in Diamond. Advanced Quantum Technologies, 2021, 4, 2100094.	1.8	13
99	Tunneling spectroscopy on correlated electron systems. Physica B: Condensed Matter, 1995, 206-207, 43-48.	1.3	12
100	Elastic deformations in field-cooled vortex lattices in NbSe_2 . Physical Review B, 1998, 57, 6061-6066.	1.1	12
101	Hall-conductivity sign change and fluctuations in amorphous $\text{Nb}_x\text{Ge}_{1-x}$ films. Physical Review B, 2001, 64, .	1.1	12
102	Defect-induced charge-order melting in thin films of $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$. Journal of Applied Physics, 2007, 101, 063919.	1.1	12
103	Triplet generation and upper critical field in superconducting spin valves based on CrO_2 . Physical Review B, 2016, 94, .	1.1	12
104	Vortex core shapes measured by STM. Zeitschrift für Physik B-Condensed Matter, 1997, 102, 317-321.	1.1	11
105	Formation of a mixed ordered termination on the surface of LaAlO_3 . Physical Review B, 2015, 91, .	1.1	11
106	Properties of Bi-Sr-Ca-Cu oxide films produced by laser ablation deposition. Physica C: Superconductivity and Its Applications, 1989, 157, 99-107.	0.6	10
107	Resistive transitions in $\text{Nb}/\text{Cu}_{0.41}\text{Ni}_{0.59}/\text{Nb}$ trilayers. JETP Letters, 2008, 88, 375-379.	0.4	10
108	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

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109	Nonlinear mesoscopic transport in a strongly cooperative electron system: The La _{0.67} Ca _{0.33} MnO ₃ microbridge. <i>Physical Review B</i> , 2011, 83, .	1.1	10
110	Outer layers determine the parallel critical field of a superconducting multilayer. <i>Physical Review B</i> , 1991, 44, 7745-7748.	1.1	9
111	Coupling of two superconductors through a ferromagnet. SFS $\bar{\nu}$ -junctions and intrinsically-frustrated superconducting networks. <i>Physics-Uspekhi</i> , 2001, 44, 81-86.	0.8	9
112	New directions in point-contact spectroscopy based on scanning tunneling microscopy techniques (Review Article). <i>Low Temperature Physics</i> , 2013, 39, 189-198.	0.2	9
113	The surface structure of SrTiO ₃ at high temperatures under influence of oxygen. <i>Applied Physics Letters</i> , 2014, 104, 051609.	1.5	9
114	Long-range proximity effect in Nb-based heterostructures induced by a magnetically inhomogeneous permalloy layer. <i>New Journal of Physics</i> , 2017, 19, 023037.	1.2	9
115	Tuning Rashba spin-orbit coupling at $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by band filling. <i>Physical Review B</i> , 2020, 101, .	1.1	8
116	Depinning and anisotropic order in flowing and static vortex lattices in NbSe ₂ studied with magnetic decoration. <i>Physical Review B</i> , 1999, 60, 14601-14604.	1.1	8
117	Reentrant superconducting behavior of the Josephson SFS junction. Evidence for the $\bar{\nu}$ -phase state. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1613-1614.	0.6	8
118	STM imaging of vortex configurations in films of a-Mo ₃ Ge through a Au layer. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 369, 335-338.	0.6	8
119	Controlled mechanical modification of manganite surface with nanoscale resolution. <i>Nanotechnology</i> , 2014, 25, 475302.	1.3	8
120	On a method of calculating the event error probability of convolutional codes with maximum likelihood decoding (Corresp.). <i>IEEE Transactions on Information Theory</i> , 1979, 25, 737-743.	1.5	7
121	Consequences of an electron-phonon bound state for magnetization and susceptibility in CeAl ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 1985, 49, 271-276.	1.0	7
122	Parallel critical fields in Nb/Nb _{0.6} Zr _{0.4} multilayers. <i>Physica B: Condensed Matter</i> , 1990, 165-166, 475-476.	1.3	7
123	Thickness dependence of the ground-state properties of thin films of the heavy-fermion compound CeCu ₆ . <i>Physical Review B</i> , 2001, 64, .	1.1	7
124	Depairing currents in superconductor ferromagnet Nb/CuNi trilayers close to T _c . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 404, 322-325.	0.6	7
125	Detecting Rashba fields at the interface between Co and Si oxide by ferromagnetic resonance. <i>Physical Review B</i> , 2015, 91, .	1.1	7
126	Influence of the magnetic configuration on the vortex-lattice instability in Nb/permalloy bilayers. <i>Physical Review B</i> , 2017, 96, .	1.1	7

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127	Superconducting Triplet Rim Currents in a Spin-Textured Ferromagnetic Disk. Nano Letters, 2022, 22, 2209-2216.	4.5	7
128	Crystal growth of Ge studied by reflection high-energy electron diffraction and photoemission. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1988, 6, 607-610.	0.9	6
129	Doping and field effects on the lowest Kramers doublet splitting in $\text{La}_{1.6}\text{xNd}_{0.4}\text{Sr}_x\text{CuO}_4$ single crystal. Physica C: Superconductivity and Its Applications, 2003, 392-396, 207-212.	0.6	6
130	Crystal structure of $(\text{La,Ca})\text{MnO}_3$ ultrathin films deposited on SrTiO_3 substrates. Philosophical Magazine, 2005, 85, 4465-4476.	0.7	6
131	Terahertz spectroscopy of AuFe spin glasses. Journal of Experimental and Theoretical Physics, 2006, 103, 887-896.	0.2	6
132	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
133	Superconductor/Ferromagnet Hybrids: Bilayers and Spin Switching. Nanoscience and Technology, 2010, , 323-347.	1.5	6
134	STM imaging of vortex structures in NbN thin films. Physica C: Superconductivity and Its Applications, 2003, 388-389, 777-778.	0.6	5
135	Proximity effects in the superconductor/heavy-fermion bilayer system Nb/CeCu 6. Europhysics Letters, 2003, 64, 91-97.	0.7	5
136	X-ray scattering study of interfacial roughness in Nb/PdNi multilayers. Surface Science, 2011, 605, 1791-1796.	0.8	5
137	Direct real space observation of magneto-electronic inhomogeneity in ultra-thin film $\text{La}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$ on $\text{SrTiO}_3(001)$. Applied Physics Letters, 2014, 105, .	1.5	5
138	Growing $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by sputter deposition. AIP Advances, 2015, 5, .	0.6	5
139	RHEED Studies of Growing Ge and Si Surfaces. NATO ASI Series Series B: Physics, 1988, , 449-461.	0.2	5
140	High-field magnetization of CeAl_2 and $(\text{Ce,Lu})\text{Al}_2$. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 381-382.	0.9	4
141	Critical currents as probe for the phase diagram of Nb/NbZr multilayers. Superconductor Science and Technology, 1992, 5, S483-S486.	1.8	4
142	Tunneling and point contact spectroscopy on UPd_2Al_3 in the normal state. Physica B: Condensed Matter, 1994, 194-196, 2033-2034.	1.3	4
143	Comment on "Magnetic-coherence-length scaling in metallic multilayers". Physical Review B, 1997, 56, 8432-8433.	1.1	4
144	Charge localization due to RKKY interaction in the spin-glass AuFe. Europhysics Letters, 2006, 76, 938-944.	0.7	4

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145	Conductivity of LaAlO ₃ /SrTiO ₃ Interfaces Made by Sputter Deposition. E-Journal of Surface Science and Nanotechnology, 2012, 10, 619-623.	0.1	4
146	Universal size-dependent nonlinear charge transport in single crystals of the Mott insulator Ca ₂ RuO ₄ . Npj Quantum Materials, 2021, 6, .	1.8	4
147	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
148	Interplay between superconductivity and magnetism in various superconducting/ferromagnetic multilayers. Physica B: Condensed Matter, 1994, 194-196, 2385-2386.	1.3	3
149	Nanometer scale patterns etched into superconducting NbSe ₂ with an STM at 4.2 K. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1909-1910.	0.6	3
150	Critical current measurements on thin films of CeRu ₂ . Physica B: Condensed Matter, 1997, 230-232, 377-379.	1.3	3
151	Differences in properties of thin films of La _{0.73} Ca _{0.27} MnO ₃ grown on SrTiO ₃ or LaAlO ₃ by sputter deposition. , 1998, , .		3
152	Charge carrier localization due to ferromagnetic clusters in concentrated AuFe alloys. Physical Review B, 2009, 79, .	1.1	3
153	Imaging pulsed laser deposition growth of homo-epitaxial SrTiO ₃ by low-energy electron microscopy. Nanotechnology, 2016, 27, 495702.	1.3	3
154	Controlling the interfacial conductance in LaAlO_3 in $\text{LaAlO}_3/\text{SrTiO}_3$ off-axis sputter deposition. Physical Review Materials, 2019, 3, .	0.9	3
155	Inhomogeneous superconductivity and quasilinear magnetoresistance at amorphous LaTiO ₃ /SrTiO ₃ interfaces. Journal of Physics Condensed Matter, 2020, 33, 055001.	0.7	3
156	Monolayer and bilayer growth on Ge(111). Journal of Crystal Growth, 1987, 81, 65-66.	0.7	2
157	Flux pinning and peak effects in single crystalline 2H-NbSe ₂ . Physica B: Condensed Matter, 1990, 165-166, 1167-1168.	1.3	2
158	Proximity effect in superconducting bilayers and multilayers. Physical Review B, 1990, 41, 4739-4742.	1.1	2
159	Sharp anomalies in the point-contact spectra of Bi ₂ Sr ₂ CaCu ₂ O _x investigated with an adjustable point contact. Physica C: Superconductivity and Its Applications, 1992, 201, 426-432.	0.6	2
160	Preparation and transport properties of high-quality thin films of the heavy-fermion system CeCu ₆ . Physica B: Condensed Matter, 1999, 259-261, 30-31.	1.3	2
161	Collective and plastic vortex motion probed by STM. Physica B: Condensed Matter, 2000, 280, 225-226.	1.3	2
162	Critical temperatures in proximity coupled Nb/Pd _{0.86} Ni _{0.14} bilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3015-3018.	0.8	2

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163	Investigating the occurrence of magnetic order in strained thin films of Pr _{0.5} Ca _{0.5} MnO ₃ by muon spin relaxation. <i>Europhysics Letters</i> , 2008, 83, 47013.	0.7	2
164	Resistive Transitions in S/F/S Trilayers. <i>Solid State Phenomena</i> , 2009, 152-153, 478-481.	0.3	2
165	Large electric-field effects on the resistance of La _{0.67} Ca _{0.33} MnO ₃ microstructures. <i>Physical Review B</i> , 2012, 85, .	1.1	2
166	Magnetic properties of Sm-Co thin films grown on MgO(100) deposited from a single alloy target. <i>Journal of Applied Physics</i> , 2014, 116, 053903.	1.1	2
167	Tunable Magnetic Scattering Effects at the LaAlO ₃ /SrTiO ₃ Interface by Ionic Liquid Gating. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3837-3842.	2.0	2
168	Influence of the magnetic moment on the superconductivity in S/F multilayers. <i>European Physical Journal D</i> , 1996, 46, 733-734.	0.4	1
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