

# Chris J Palmstrm

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

4,907  
citations

36  
h-index

67  
g-index

149  
ext. papers

5,730  
ext. citations

5.7  
avg, IF

5.38  
L-index

#	Paper	IF	Citations
140	Supercurrent parity meter in a nanowire Cooper pair transistor.. <i>Science Advances</i> , <b>2022</b> , 8, eabm9896	14.3	0
139	Parity-preserving and magnetic field-resilient superconductivity in InSb nanowires with Sn shells. <i>Science</i> , <b>2021</b> , 372, 508-511	33.3	13
138	Full parity phase diagram of a proximitized nanowire island. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	5
137	Cryogenic microwave loss in epitaxial Al/GaAs/Al trilayers for superconducting circuits. <i>Journal of Applied Physics</i> , <b>2021</b> , 129, 025109	2.5	2
136	Materials for emergent silicon-integrated optical computing. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 0709075	0.75	5
135	Gated Magnetotransport in In Thin Films on CdTe. <i>Journal of Electronic Materials</i> , <b>2021</b> , 50, 6329-6336	1.9	1
134	Confined lateral epitaxial overgrowth of InGaAs: Mechanisms and electronic properties. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 085302	2.5	
133	Evaluation of the vortex core size in gate-tunable Josephson junctions in Corbino geometry. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
132	Transport studies in a gate-tunable three-terminal Josephson junction. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	13
131	Conductance-Matrix Symmetries of a Three-Terminal Hybrid Device. <i>Physical Review Letters</i> , <b>2020</b> , 124, 036802	7.4	22
130	Editorial Expression of Concern: Quantized Majorana conductance. <i>Nature</i> , <b>2020</b> , 581, E4	50.4	6
129	Interplay of large two-magnon ferromagnetic resonance linewidths and low Gilbert damping in Heusler thin films. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	13
128	In-plane selective area InSb/Al nanowire quantum networks. <i>Communications Physics</i> , <b>2020</b> , 3,	5.4	18
127	Controlling facets and defects of InP nanostructures in confined epitaxial lateral overgrowth. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	1
126	THz-range Faraday rotation in the Weyl semimetal candidate Co <sub>2</sub> TiGe. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 244303	2.5	1
125	Antiphase Boundary Free InP Microridges on (001) Silicon by Selective Area Heteroepitaxy. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 7761-7770	3.5	2
124	Epitaxial Al/GaAs/Al tri-layers fabricated using a novel wafer-bonding technique. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 115301	2.5	2

123	Transport Studies of Epi-Al/InAs Two-Dimensional Electron Gas Systems for Required Building-Blocks in Topological Superconductor Networks. <i>Nano Letters</i> , <b>2019</b> , 19, 3083-3090	11.5	15
122	Weak antilocalization in quasi-two-dimensional electronic states of epitaxial LuSb thin films. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	7
121	Superconducting vanadium/indium-arsenide hybrid nanowires. <i>Nanotechnology</i> , <b>2019</b> , 30, 294005	3.4	15
120	Nanometer scale structural and compositional inhomogeneities of half-Heusler CoTi <sub>1-x</sub> FexSb thin films. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 205301	2.5	2
119	Selective and confined epitaxial growth development for novel nano-scale electronic and photonic device structures. <i>Journal of Applied Physics</i> , <b>2019</b> , 126, 015703	2.5	8
118	Tailoring commensurability of hBN/graphene heterostructures using substrate morphology and epitaxial growth conditions. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2019</b> , 37, 051503	2.9	4
117	Horizontal Heterojunction Integration via Template-Assisted Selective Epitaxy. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 7030-7035	3.5	5
116	Contribution of top barrier materials to high mobility in near-surface InAs quantum wells grown on GaSb(001). <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	8
115	Selective-area chemical beam epitaxy of in-plane InAs one-dimensional channels grown on InP(001), InP(111)B, and InP(011) surfaces. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	26
114	End-to-end correlated subgap states in hybrid nanowires. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	20
113	Reduced interface spin polarization by antiferromagnetically coupled Mn segregated to the Co <sub>2</sub> MnSi/GaAs (001) interface. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	6
112	Influence of the magnetic proximity effect on spin-orbit torque efficiencies in ferromagnet/platinum bilayers. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	21
111	Equal-Spin Andreev Reflection on Junctions of Spin-Resolved Quantum Hall Bulk State and Spin-Singlet Superconductor. <i>Scientific Reports</i> , <b>2018</b> , 8, 3454	4.9	5
110	Quantized Majorana conductance. <i>Nature</i> , <b>2018</b> , 556, 74-79	50.4	382
109	Fourfold symmetric anisotropic magnetoresistance in half-metallic Co <sub>2</sub> MnSi Heusler alloy thin films. <i>Japanese Journal of Applied Physics</i> , <b>2018</b> , 57, 063001	1.4	8
108	Superconducting, insulating and anomalous metallic regimes in a gated two-dimensional semiconductor-superconductor array. <i>Nature Physics</i> , <b>2018</b> , 14, 1138-1144	16.2	31
107	A simple electron counting model for half-Heusler surfaces. <i>Science Advances</i> , <b>2018</b> , 4, eaar5832	14.3	15
106	Growth, electrical, structural, and magnetic properties of half-Heusler CoTi <sub>1-x</sub> FexSb. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	4

105	Epitaxial Heusler superlattice Co <sub>2</sub> MnAl/Fe <sub>2</sub> MnAl with perpendicular magnetic anisotropy and termination-dependent half-metallicity. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	5
104	Materials considerations for forming the topological insulator phase in InAs/GaSb heterostructures. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	14
103	Parity transitions in the superconducting ground state of hybrid InSb-Al Coulomb islands. <i>Nature Communications</i> , <b>2018</b> , 9, 4801	17.4	28
102	Electric field tunable superconductor-semiconductor coupling in Majorana nanowires. <i>New Journal of Physics</i> , <b>2018</b> , 20, 103049	2.9	44
101	Mirage Andreev Spectra Generated by Mesoscopic Leads in Nanowire Quantum Dots. <i>Physical Review Letters</i> , <b>2018</b> , 121, 127705	7.4	15
100	Selective-Area-Grown Semiconductor-Superconductor Hybrids: A Basis for Topological Networks. <i>Physical Review Letters</i> , <b>2018</b> , 121, 147701	7.4	56
99	Electronic structure of epitaxial half-Heusler Co <sub>1-x</sub> Ni <sub>x</sub> TiSb across the semiconductor to metal transition. <i>Applied Physics Letters</i> , <b>2018</b> , 113, 092103	3.4	0
98	Low magnetic damping and large negative anisotropic magnetoresistance in half-metallic Co <sub>2</sub> Mn <sub>1+x</sub> Si Heusler alloy films grown by molecular beam epitaxy. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 262407	3.4	14
97	Anomalous Fraunhofer interference in epitaxial superconductor-semiconductor Josephson junctions. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	37
96	Proximity Effect Transfer from NbTi into a Semiconductor Heterostructure via Epitaxial Aluminum. <i>Nano Letters</i> , <b>2017</b> , 17, 1200-1203	11.5	10
95	Structural and electronic properties of molecular beam epitaxially grown Ni <sub>1+x</sub> TiSn films. <i>Journal of Crystal Growth</i> , <b>2017</b> , 467, 71-76	1.6	8
94	Zero-Energy Modes from Coalescing Andreev States in a Two-Dimensional Semiconductor-Superconductor Hybrid Platform. <i>Physical Review Letters</i> , <b>2017</b> , 119, 176805	7.4	129
93	Epitaxy of advanced nanowire quantum devices. <i>Nature</i> , <b>2017</b> , 548, 434-438	50.4	192
92	Interface formation of epitaxial MgO/Co <sub>2</sub> MnSi(001) structures: Elemental segregation and oxygen migration. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 444, 383-389	2.8	5
91	Ultrawide thermal free-carrier tuning of dielectric antennas coupled to epsilon-near-zero substrates. <i>Nature Communications</i> , <b>2017</b> , 8, 472	17.4	41
90	Growth, structural, and magnetic properties of single-crystal full-Heusler Co <sub>2</sub> TiGe thin films. <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 213903	2.5	2
89	Valence-band offsets of CoTiSb/In <sub>0.53</sub> Ga <sub>0.47</sub> As and CoTiSb/In <sub>0.52</sub> Al <sub>0.48</sub> As heterojunctions. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 061605	3.4	7
88	Oxygen migration in epitaxial CoFe/MgO/Co <sub>2</sub> MnSi magnetic tunnel junctions. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 113902	2.5	6

87	Magnetic field inducing Zeeman splitting and anomalous conductance reduction of half-integer quantized plateaus in InAs quantum wires. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	6
86	Heusler compounds and spintronics. <i>Progress in Crystal Growth and Characterization of Materials</i> , <b>2016</b> , 62, 371-397	3.5	66
85	Demonstration of gate control of spin splitting in a high-mobility InAs/AlSb two-dimensional electron gas. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	17
84	Two-dimensional epitaxial superconductor-semiconductor heterostructures: A platform for topological superconducting networks. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	141
83	Observation of a topologically non-trivial surface state in half-Heusler PtLuSb (001) thin films. <i>Nature Communications</i> , <b>2016</b> , 7, 11993	17.4	38
82	Quantized conductance doubling and hard gap in a two-dimensional semiconductor-superconductor heterostructure. <i>Nature Communications</i> , <b>2016</b> , 7, 12841	17.4	106
81	Dynamic detection of electron spin accumulation in ferromagnet-semiconductor devices by ferromagnetic resonance. <i>Nature Communications</i> , <b>2016</b> , 7, 10296	17.4	15
80	Surface reconstructions and transport of epitaxial PtLuSb (001) thin films grown by MBE. <i>Journal of Crystal Growth</i> , <b>2016</b> , 436, 145-149	1.6	9
79	Spin injection and detection up to room temperature in Heusler alloy/n-GaAs spin valves. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	37
78	Limits to mobility in InAs quantum wells with nearly lattice-matched barriers. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	12
77	Studies of scattering mechanisms in gate tunable InAs/(Al,Ga)Sb two dimensional electron gases. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 222101	3.4	11
76	Anisotropic spin relaxation in n-GaAs from strong inhomogeneous hyperfine fields produced by the dynamical polarization of nuclei. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	7
75	Knight shift and nuclear spin relaxation in Fe/n-GaAs heterostructures. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	2
74	Robust micromagnet design for fast electrical manipulations of single spins in quantum dots. <i>Applied Physics Express</i> , <b>2015</b> , 8, 084401	2.4	38
73	Room temperature deposition of sputtered TiN films for superconducting coplanar waveguide resonators. <i>Superconductor Science and Technology</i> , <b>2014</b> , 27, 015009	3.1	51
72	Growth and transport properties of epitaxial lattice matched half Heusler CoTiSb/InAlAs/InP(001) heterostructures. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 022109	3.4	16
71	Surface and electronic structure of epitaxial PtLuSb (001) thin films. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 201603	3.4	14
70	Gating of high-mobility InAs metamorphic heterostructures. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 262105	3.4	19

69	Photoluminescence lineshape and dynamics of localized excitonic transitions in InAsP epitaxial layers. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 193503	2.5	13
68	Lattice distortion in single crystal rare-earth arsenide/GaAs nanocomposites. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 073114	3.4	3
67	An apparent metal-insulator transition in high-mobility two-dimensional InAs heterostructures. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	11
66	Fast electrical control of single electron spins in quantum dots with vanishing influence from nuclear spins. <i>Physical Review Letters</i> , <b>2014</b> , 113, 267601	7.4	55
65	Electrical detection of ferromagnetic resonance in ferromagnet/n-GaAs heterostructures by tunneling anisotropic magnetoresistance. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 212401	3.4	7
64	Time resolved magneto-optical studies of InAsP ternary alloys <b>2014</b> ,		1
63	Dynamics of photoexcited carriers and spins in InAsP ternary alloys. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 222102	3.4	8
62	Structural and transport properties of epitaxial PrNiO <sub>3</sub> thin films grown by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , <b>2013</b> , 366, 51-54	1.6	12
61	Surface-mediated tunable self-assembly of single crystal semimetallic ErSb/GaSb nanocomposite structures. <i>Nano Letters</i> , <b>2013</b> , 13, 2895-901	11.5	20
60	Thermoelectric properties of single crystal Sc <sub>1-x</sub> Er <sub>x</sub> As:InGaAs nanocomposites. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2013</b> , 31, 041401	1.3	4
59	Epitaxial growth and surface studies of the Half Heusler compound NiTiSn (001). <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2013</b> , 31, 04D106	1.3	13
58	Planar superconducting resonators with internal quality factors above one million. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 113510	3.4	264
57	Growth and characterization of TbAs:GaAs nanocomposites. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2011</b> , 29, 03C114	1.3	16
56	Cross-sectional scanning tunneling microscopy and spectroscopy of semimetallic ErAs nanostructures embedded in GaAs. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2011</b> , 29, 03C104	1.3	8
55	Growth of epitaxial NiTi shape memory alloy films on GaAs(001) and evidence of martensitic transformation. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2011</b> , 29, 03C116	1.3	2
54	Spin accumulation near Fe/GaAs (001) interfaces: The role of semiconductor band structure. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	24
53	Martensite transformation of epitaxial NiTi films. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 191901	3.4	7
52	Electrical measurement of the direct spin hall effect in Fe/In <sub>x</sub> Ga(1-x)As heterostructures. <i>Physical Review Letters</i> , <b>2010</b> , 105, 156602	7.4	46

51	Mechanical Construction of Semiconductor Band Gaps. <i>IEEE Journal of Quantum Electronics</i> , <b>2010</b> , 46, 1261-1267	2	3
50	Hyperfine interactions and spin transport in ferromagnet-semiconductor heterostructures. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	40
49	Bias-controlled sensitivity of ferromagnet/semiconductor electrical spin detectors. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	43
48	Spin injection across the Fe/GaAs interface: Role of interfacial ordering. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	38
47	Phase formation in the thin film Fe/GaAs system. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 091914	3.4	16
46	Dielectric properties of InAsP alloy thin films and evaluation of direct- and reciprocal-space methods of determining critical-point parameters. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2008</b> , 205, 884-887	1.6	3
45	Electrical detection of spin transport in lateral ferromagnet-semiconductor devices. <i>Nature Physics</i> , <b>2007</b> , 3, 197-202	16.2	660
44	Local Hanle-effect studies of spin drift and diffusion in n-GaAs epilayers and spin-transport devices. <i>New Journal of Physics</i> , <b>2007</b> , 9, 347-347	2.9	48
43	Growth temperature dependence of Mn/GaAs surfaces and interfaces. <i>Journal of Applied Physics</i> , <b>2007</b> , 102, 063513	2.5	9
42	Optical and electrical spin injection and spin transport in hybrid Fe/GaAs devices. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 081716	2.5	14
41	Dielectric functions and electronic structure of InAs <sub>x</sub> P <sub>1-x</sub> films on InP. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 041917	3.4	15
40	Nonequilibrium phases in epitaxial Mn/GaAs interfacial reactions. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2006</b> , 24, 2018		2
39	Spin injection from perpendicular magnetized ferromagnetic MnGa into (Al,Ga)As heterostructures. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 112511	3.4	42
38	Embedded growth mode of thermodynamically stable metallic nanoparticles on III-V semiconductors. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 243117	3.4	17
37	Embedded assembly mechanism of stable metal nanocrystals on semiconductor surfaces. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	26
36	Epitaxial Growth and Characterization of Single Crystal Ferromagnetic Shape Memory Co <sub>2</sub> NiGa Films. <i>Ferroelectrics</i> , <b>2006</b> , 342, 35-42	0.6	4
35	Electrical detection of spin accumulation at a ferromagnet-semiconductor interface. <i>Physical Review Letters</i> , <b>2006</b> , 96, 176603	7.4	155
34	Ferromagnetic resonance in the stripe domain state: A study in Co <sub>2</sub> MnGa (001). <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08J109	2.5	7

33	Spin injection from the Heusler alloy Co <sub>2</sub> MnGe into Al <sub>0.1</sub> Ga <sub>0.9</sub> As <sub>0.1</sub> GaAs heterostructures. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 102107	3.4	136
32	Exchange biasing of the ferromagnetic semiconductor (Ga,Mn)As by MnO (invited). <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10D304	2.5	16
31	Imaging spin transport in lateral ferromagnet/semiconductor structures. <i>Science</i> , <b>2005</b> , 309, 2191-5	33.3	264
30	Remarkable strain-induced magnetic anisotropy in epitaxial Co <sub>2</sub> MnGa (001) films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2005</b> , 286, 340-345	2.8	28
29	Growth of a-plane ZnO Thin Films on r-plane Sapphire by Plasma-assisted MBE. <i>Materials Research Society Symposia Proceedings</i> , <b>2005</b> , 891, 1		1
28	Phase behavior of thin film MnGaAs interfacial reactions. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2005</b> , 23, 1752		14
27	Optical Properties of AlGaSb Alloys Grown by MBE. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	1
26	Spin injection and relaxation in ferromagnet-semiconductor heterostructures. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	126
25	Electron spin dynamics and hyperfine interactions in FeAl <sub>0.1</sub> Ga <sub>0.9</sub> AsGaAs spin injection heterostructures. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	27
24	Effects of growth temperature on the structural and magnetic properties of epitaxial Ni <sub>2</sub> MnIn thin films on InAs (001). <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 073901	2.5	6
23	Shape memory and ferromagnetic shape memory effects in single-crystal Ni <sub>2</sub> MnGa thin films. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 2593-2600	2.5	92
22	Interfacial reactions of Mn/GaAs thin films. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 3145-3147	3.4	31
21	Exchange biasing of the ferromagnetic semiconductor Ga <sub>1-x</sub> MnxAs. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 1556-1558	3.4	48
20	Self-assembled CoAs nanostructures. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2003</b> , 21, 1760		2
19	Epitaxial Heusler Alloys: New Materials for Semiconductor Spintronics. <i>MRS Bulletin</i> , <b>2003</b> , 28, 725-728	3.2	95
18	Tunable magnetization reversal in epitaxial bcc Fe <sub>1-x</sub> Cox films on vicinal surfaces. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 8256-8258	2.5	2
17	Nuclear magnetic resonance in a ferromagnet-semiconductor heterostructure. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3335-3337	3.4	10
16	Dynamic nuclear polarization by electrical spin injection in ferromagnet-semiconductor heterostructures. <i>Physical Review Letters</i> , <b>2003</b> , 91, 036602	7.4	62



15	Time-domain ferromagnetic resonance in epitaxial thin films. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 8040	2.5	9
14	TEM Characterization of Thin, Epitactic Ni <sub>2</sub> MnGa Films on GaAs. <i>Microscopy and Microanalysis</i> , <b>2002</b> , 8, 302-303	0.5	
13	Anomalous magnetotransport properties of epitaxial full Heusler alloys. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 4798-4800	3.4	72
12	GaAs(111)B(1 $\times$ 1 $\times$ 1)R23.4 $\sqrt{3}$ surface reconstruction. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2001</b> , 19, 1597		16
11	Optical pumping in ferromagnet-semiconductor heterostructures: Magneto-optics and spin transport. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	45
10	Epitaxial growth of ferromagnetic Ni <sub>2</sub> MnIn on (001) InAs. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 1003-1005	3.4	36
9	Epitaxial growth of ferromagnetic Ni <sub>2</sub> MnGa on GaAs(001) using NiGa interlayers. <i>Journal of Applied Physics</i> , <b>2000</b> , 88, 7357-7359	2.5	44
8	Self-assembled ErAs islands in GaAs: Growth and subpicosecond carrier dynamics. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 3548-3550	3.4	106
7	Formation and Characterization of Single Crystal Ni <sub>2</sub> MnGa Thin Films. <i>Materials Research Society Symposia Proceedings</i> , <b>1999</b> , 604, 297		7
6	In-Situ Regrowth of GaAs Through Controlled Phase Transformations and Reactions of Thin Films on GaAs. <i>Materials Research Society Symposia Proceedings</i> , <b>1998</b> , 514, 455		2
5	Substrate Effects on Yield Point Phenomena in Epitaxial Thin Films. <i>Materials Research Society Symposia Proceedings</i> , <b>1998</b> , 522, 89		
4	Giant Magnetoresistance of Self-Assembled ErAs Islands in GaAs. <i>Materials Research Society Symposia Proceedings</i> , <b>1997</b> , 475, 251		11
3	Growth of Alumina on crystallographically distinct aluminium substrates. <i>Journal of Materials Science</i> , <b>1989</b> , 24, 515-522	4.3	
2	Lateral Reactions of GaAs with Ni Studied by Transmission Electron Microscopy. <i>Materials Research Society Symposia Proceedings</i> , <b>1985</b> , 54, 361		8
1	Epitaxy of Aluminium Films on Semiconductors by Ionized Cluster Beam. <i>Materials Research Society Symposia Proceedings</i> , <b>1984</b> , 37, 401		17