

# Chris J Palmstrm

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9519555/chris-j-palmstrom-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Electrical detection of spin transport in lateral ferromagnet/semiconductor devices. <i>Nature Physics</i> , <b>2007</b> , 3, 197-202	16.2	660
139	Quantized Majorana conductance. <i>Nature</i> , <b>2018</b> , 556, 74-79	50.4	382
138	Planar superconducting resonators with internal quality factors above one million. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 113510	3.4	264
137	Imaging spin transport in lateral ferromagnet/semiconductor structures. <i>Science</i> , <b>2005</b> , 309, 2191-5	33.3	264
136	Epitaxy of advanced nanowire quantum devices. <i>Nature</i> , <b>2017</b> , 548, 434-438	50.4	192
135	Electrical detection of spin accumulation at a ferromagnet-semiconductor interface. <i>Physical Review Letters</i> , <b>2006</b> , 96, 176603	7.4	155
134	Two-dimensional epitaxial superconductor-semiconductor heterostructures: A platform for topological superconducting networks. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	141
133	Spin injection from the Heusler alloy Co <sub>2</sub> MnGe into Al <sub>0.1</sub> Ga <sub>0.9</sub> As/GaAs heterostructures. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 102107	3.4	136
132	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
131	Spin injection and relaxation in ferromagnet-semiconductor heterostructures. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	126
130	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
129	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
128	Epitaxial Heusler Alloys: New Materials for Semiconductor Spintronics. <i>MRS Bulletin</i> , <b>2003</b> , 28, 725-728	3.2	95
127	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
126	Anomalous magnetotransport properties of epitaxial full Heusler alloys. <i>Applied Physics Letters</i> , <b>2002</b> , 80, 4798-4800	3.4	72
125	Heusler compounds and spintronics. <i>Progress in Crystal Growth and Characterization of Materials</i> , <b>2016</b> , 62, 371-397	3.5	66
124	Dynamic nuclear polarization by electrical spin injection in ferromagnet-semiconductor heterostructures. <i>Physical Review Letters</i> , <b>2003</b> , 91, 036602	7.4	62

123	Selective-Area-Grown Semiconductor-Superconductor Hybrids: A Basis for Topological Networks. <i>Physical Review Letters</i> , <b>2018</b> , 121, 147701	7.4	56
122	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
121	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
120	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
119	Exchange biasing of the ferromagnetic semiconductor Ga <sub>1-x</sub> Mn <sub>x</sub> As. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 1556-1558	3.4	48
118	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
117	Optical pumping in ferromagnet-semiconductor heterostructures: Magneto-optics and spin transport. <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	45
116	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
115	Electric field tunable superconductor-semiconductor coupling in Majorana nanowires. <i>New Journal of Physics</i> , <b>2018</b> , 20, 103049	2.9	44
114	Bias-controlled sensitivity of ferromagnet/semiconductor electrical spin detectors. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	43
113	Spin injection from perpendicular magnetized ferromagnetic $\epsilon$ MnGa into (Al,Ga)As heterostructures. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 112511	3.4	42
112	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
111	Hyperfine interactions and spin transport in ferromagnet-semiconductor heterostructures. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	40
110	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
109	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
108	Spin injection across the Fe/GaAs interface: Role of interfacial ordering. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	38
107	Anomalous Fraunhofer interference in epitaxial superconductor-semiconductor Josephson junctions. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	37
106	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

105	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
104	Superconducting, insulating and anomalous metallic regimes in a gated two-dimensional semiconductor array. <i>Nature Physics</i> , <b>2018</b> , 14, 1138-1144	16.2	31
103	Interfacial reactions of Mn/GaAs thin films. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 3145-3147	3.4	31
102	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
101	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
100	Electron spin dynamics and hyperfine interactions in Fe <sub>0.1</sub> Ga <sub>0.9</sub> As/GaAs spin injection heterostructures. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	27
99	Embedded assembly mechanism of stable metal nanocrystals on semiconductor surfaces. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	26
98	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
97	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
96	Conductance-Matrix Symmetries of a Three-Terminal Hybrid Device. <i>Physical Review Letters</i> , <b>2020</b> , 124, 036802	7.4	22
95	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
94	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
93	End-to-end correlated subgap states in hybrid nanowires. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	20
92	Gating of high-mobility InAs metamorphic heterostructures. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 262105	3.4	19
91	In-plane selective area InSb/Al nanowire quantum networks. <i>Communications Physics</i> , <b>2020</b> , 3,	5.4	18
90	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
89	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
88	Epitaxy of Aluminium Films on Semiconductors by Ionized Cluster Beam. <i>Materials Research Society Symposia Proceedings</i> , <b>1984</b> , 37, 401		17

87	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
86	Growth and characterization of TbAs <sub>2</sub> GaAs nanocomposites. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2011</b> , 29, 03C114	1.3	16
85	Phase formation in the thin film Fe <sub>2</sub> GaAs system. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 091914	3.4	16
84	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
83	GaAs(111)B(1919)R23.4 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
82	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
81	Superconducting vanadium/indium-arsenide hybrid nanowires. <i>Nanotechnology</i> , <b>2019</b> , 30, 294005	3.4	15
80	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
79	A simple electron counting model for half-Heusler surfaces. <i>Science Advances</i> , <b>2018</b> , 4, eaar5832	14.3	15
78	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
77	Mirage Andreev Spectra Generated by Mesoscopic Leads in Nanowire Quantum Dots. <i>Physical Review Letters</i> , <b>2018</b> , 121, 127705	7.4	15
76	Surface and electronic structure of epitaxial PtLuSb (001) thin films. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 201603	3.4	14
75	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
74	Phase behavior of thin film Mn <sub>2</sub> GaAs 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
73	Materials considerations for forming the topological insulator phase in InAs/GaSb heterostructures. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	14
72	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
71	Transport studies in a gate-tunable three-terminal Josephson junction. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	13
70	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

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	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
67	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
66	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
65	Limits to mobility in InAs quantum wells with nearly lattice-matched barriers. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	12
64	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
63	An apparent metal-insulator transition in high-mobility two-dimensional InAs heterostructures. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	11
62	Giant Magnetoresistance of Self-Assembled ErAs Islands in GaAs. <i>Materials Research Society Symposia Proceedings</i> , <b>1997</b> , 475, 251		11
61	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
60	Nuclear magnetic resonance in a ferromagnetic semiconductor heterostructure. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 3335-3337	3.4	10
59	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
58	Growth temperature dependence of MnGaAs surfaces and interfaces. <i>Journal of Applied Physics</i> , <b>2007</b> , 102, 063513	2.5	9
57	Time-domain ferromagnetic resonance in epitaxial thin films. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 8040	2.5	9
56	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
55	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
54	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
53	Dynamics of photoexcited carriers and spins in InAsP ternary alloys. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 222102	3.4	8
52	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

51	Lateral Reactions of GaAs with Ni Studied by Transmission Electron Microscopy. <i>Materials Research Society Symposia Proceedings</i> , <b>1985</b> , 54, 361		8
50	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
49	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
48	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
47	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
46	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
45	Martensite transformation of epitaxial NiTi films. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 191901	3-4	7
44	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
43	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
42	Editorial Expression of Concern: Quantized Majorana conductance. <i>Nature</i> , <b>2020</b> , 581, E4	50-4	6
41	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
40	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
39	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
38	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
37	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
36	Horizontal Heterojunction Integration via Template-Assisted Selective Epitaxy. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 7030-7035	3-5	5
35	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
34	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



33	Full parity phase diagram of a proximitized nanowire island. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	5
32	Materials for emergent silicon-integrated optical computing. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 070907	5	
31	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
30	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
29	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
28	Growth, electrical, structural, and magnetic properties of half-Heusler CoTi <sub>1-x</sub> Fe <sub>x</sub> Sb. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	4
27	Lattice distortion in single crystal rare-earth arsenide/GaAs nanocomposites. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 073114	3.4	3
26	Mechanical Construction of Semiconductor Band Gaps. <i>IEEE Journal of Quantum Electronics</i> , <b>2010</b> , 46, 1261-1267	2	3
25	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
24	Nanometer scale structural and compositional inhomogeneities of half-Heusler CoTi <sub>1-x</sub> Fe <sub>x</sub> Sb thin films. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 205301	2.5	2
23	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
22	Knight shift and nuclear spin relaxation in Fe/n-GaAs heterostructures. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	2
21	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
20	Nonequilibrium phases in epitaxial Mn <sub>2</sub> GaAs interfacial reactions. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2006</b> , 24, 2018		2
19	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
18	Tunable magnetization reversal in epitaxial bcc Fe <sub>1-x</sub> Co <sub>x</sub> films on vicinal surfaces. <i>Journal of Applied Physics</i> , <b>2003</b> , 93, 8256-8258	2.5	2
17	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
16	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



15	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
14	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
13	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
12	Time resolved magneto-optical studies of InAsP ternary alloys <b>2014</b> ,		1
11	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
10	Optical Properties of AlGaSb Alloys Grown by MBE. <i>AIP Conference Proceedings</i> , <b>2005</b> ,	0	1
9	Controlling facets and defects of InP nanostructures in confined epitaxial lateral overgrowth. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	1
8	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
7	Gated Magnetotransport in In Thin Films on CdTe. <i>Journal of Electronic Materials</i> , <b>2021</b> , 50, 6329-6336	1.9	1
6	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
5	Supercurrent parity meter in a nanowire Cooper pair transistor.. <i>Science Advances</i> , <b>2022</b> , 8, eabm9896	14.3	0
4	TEM Characterization of Thin, Epitaxial Ni <sub>2</sub> MnGa films on GaAs.. <i>Microscopy and Microanalysis</i> , <b>2002</b> , 8, 302-303	0.5	
3	Substrate Effects on Yield Point Phenomena in Epitaxial Thin Films. <i>Materials Research Society Symposia Proceedings</i> , <b>1998</b> , 522, 89		
2	Growth of Alumina on crystallographically distinct aluminium substrates. <i>Journal of Materials Science</i> , <b>1989</b> , 24, 515-522	4.3	
1	Confined lateral epitaxial overgrowth of InGaAs: Mechanisms and electronic properties. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 085302	2.5	