

# Christian Schnenberger

## 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.

241  
papers

15,209  
citations

66  
h-index

118  
g-index

260  
ext. papers

16,542  
ext. citations

7.1  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
241	2D materials shrink superconducting qubits.. <i>Nature Materials</i> , <b>2022</b> , 21, 381-382	27	0
240	Tailoring the Band Structure of Twisted Double Bilayer Graphene with Pressure. <i>Nano Letters</i> , <b>2021</b> , 21, 8777-8784	11.5	4
239	Superconductivity in type-II Weyl-semimetal WTe <sub>2</sub> induced by a normal metal contact. <i>Journal of Applied Physics</i> , <b>2021</b> , 129, 113903	2.5	5
238	Circuit Quantum Electrodynamics with Carbon-Nanotube-Based Superconducting Quantum Circuits. <i>Physical Review Applied</i> , <b>2021</b> , 15,	4.3	4
237	Superconducting Contacts to a Monolayer Semiconductor. <i>Nano Letters</i> , <b>2021</b> , 21, 5614-5619	11.5	3
236	Operation of parallel SNSPDs at high detection rates. <i>Superconductor Science and Technology</i> , <b>2021</b> , 34, 024002	3.1	6
235	New method of transport measurements on van der Waals heterostructures under pressure. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 064303	2.5	6
234	Radio-frequency characterization of a supercurrent transistor made of a carbon nanotube. <i>Materials for Quantum Technology</i> , <b>2021</b> , 1, 035003		
233	Spectroscopy of the local density of states in nanowires using integrated quantum dots. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	1
232	Boosting proximity spin-orbit coupling in graphene/WSe <sub>2</sub> heterostructures via hydrostatic pressure. <i>Npj 2D Materials and Applications</i> , <b>2021</b> , 5,	8.8	11
231	Out-of-plane corrugations in graphene based van der Waals heterostructures. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
230	One-Dimensional Edge Transport in Few-Layer WTe. <i>Nano Letters</i> , <b>2020</b> , 20, 4228-4233	11.5	19
229	Magnetic-Field-Independent Subgap States in Hybrid Rashba Nanowires. <i>Physical Review Letters</i> , <b>2020</b> , 125, 017701	7.4	13
228	Controllable p-n junctions in three-dimensional Dirac semimetal CdAs nanowires. <i>Nanotechnology</i> , <b>2020</b> , 31, 205001	3.4	2
227	A double quantum dot spin valve. <i>Communications Physics</i> , <b>2020</b> , 3,	5.4	8
226	Compact SQUID Realized in a Double-Layer Graphene Heterostructure. <i>Nano Letters</i> , <b>2020</b> , 20, 7129-7135	11.5	2
225	Large spatial extension of the zero-energy Yu-Shiba-Rusinov state in a magnetic field. <i>Nature Communications</i> , <b>2020</b> , 11, 1834	17.4	7

224	Mobility Enhancement in Graphene by in situ Reduction of Random Strain Fluctuations. <i>Physical Review Letters</i> , <b>2020</b> , 124, 157701	7.4	8
223	In Situ Strain Tuning in hBN-Encapsulated Graphene Electronic Devices. <i>Nano Letters</i> , <b>2019</b> , 19, 4097-4102	11.5	17
222	GHz nanomechanical resonator in an ultraclean suspended graphene p-n junction. <i>Nanoscale</i> , <b>2019</b> , 11, 4355-4361	7.7	16
221	New Generation of Moiré Superlattices in Doubly Aligned hBN/Graphene/hBN Heterostructures. <i>Nano Letters</i> , <b>2019</b> , 19, 2371-2376	11.5	49
220	Highly symmetric and tunable tunnel couplings in InAs/InP nanowire heterostructure quantum dots. <i>Nanotechnology</i> , <b>2019</b> , 31, 135003	3.4	10
219	Spectroscopy of the superconducting proximity effect in nanowires using integrated quantum dots. <i>Communications Physics</i> , <b>2019</b> , 2,	5.4	17
218	Intrinsically-limited timing jitter in molybdenum silicide superconducting nanowire single-photon detectors. <i>Journal of Applied Physics</i> , <b>2019</b> , 126, 164501	2.5	7
217	Nonequilibrium properties of graphene probed by superconducting tunnel spectroscopy. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
216	Large spin relaxation anisotropy and valley-Zeeman spin-orbit coupling in WSe <sub>2</sub> /graphene/h-BN heterostructures. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	78
215	Blocking-state influence on shot noise and conductance in quantum dots. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	5
214	High-detection efficiency and low-timing jitter with amorphous superconducting nanowire single-photon detectors. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 061103	3.4	61
213	Quantum-Confined Stark Effect in a MoS Monolayer van der Waals Heterostructure. <i>Nano Letters</i> , <b>2018</b> , 18, 1070-1074	11.5	38
212	Spin transport in two-layer-CVD-hBN/graphene/hBN heterostructures. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	19
211	Coexistence of classical snake states and Aharonov-Bohm oscillations along graphene p-n junctions. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	13
210	Cooper-pair splitting in two parallel InAs nanowires. <i>New Journal of Physics</i> , <b>2018</b> , 20, 063021	2.9	18
209	Signatures of van Hove Singularities Probed by the Supercurrent in a Graphene-hBN Superlattice. <i>Physical Review Letters</i> , <b>2018</b> , 121, 137701	7.4	12
208	Wideband and On-Chip Excitation for Dynamical Spin Injection into Graphene. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	3
207	Charge Noise in Organic Electrochemical Transistors. <i>Physical Review Applied</i> , <b>2017</b> , 7,	4.3	17

206	Optically probing the detection mechanism in a molybdenum silicide superconducting nanowire single-photon detector. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 083106	3.4	25
205	Fabry-Pérot Resonances in a Graphene/hBN Moiré Superlattice. <i>Nano Letters</i> , <b>2017</b> , 17, 328-333	11.5	25
204	Giant Valley-Isospin Conductance Oscillations in Ballistic Graphene. <i>Nano Letters</i> , <b>2017</b> , 17, 5389-5393	11.5	14
203	Andreev bound states probed in three-terminal quantum dots. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	28
202	Measuring a Quantum Dot with an Impedance-Matching On-Chip Superconducting LC Resonator at Gigahertz Frequencies. <i>Physical Review Applied</i> , <b>2017</b> , 8,	4.3	9
201	Restoring the Electrical Properties of CVD Graphene via Physisorption of Molecular Adsorbates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 25014-25022	9.5	19
200	Contactless Microwave Characterization of Encapsulated Graphene p-n Junctions. <i>Physical Review Applied</i> , <b>2017</b> , 7,	4.3	1
199	Full characterization of a carbon nanotube parallel double quantum dot. <i>Physica Status Solidi (B): Basic Research</i> , <b>2016</b> , 253, 2428-2432	1.3	5
198	Spin transport in fully hexagonal boron nitride encapsulated graphene. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	37
197	Characterization of HMDS treated CVD graphene <b>2016</b> ,		1
196	Gate-controlled conductance enhancement from quantum Hall channels along graphene p-n junctions. <i>Nanoscale</i> , <b>2016</b> , 8, 19910-19916	7.7	10
195	Subgap resonant quasiparticle transport in normal-superconductor quantum dot devices. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 172604	3.4	10
194	Wet etch methods for InAs nanowire patterning and self-aligned electrical contacts. <i>Nanotechnology</i> , <b>2016</b> , 27, 195303	3.4	6
193	Role of hexagonal boron nitride in protecting ferromagnetic nanostructures from oxidation. <i>2D Materials</i> , <b>2016</b> , 3, 011008	5.9	4
192	Implementing Silicon Nanoribbon Field-Effect Transistors as Arrays for Multiple Ion Detection. <i>Biosensors</i> , <b>2016</b> , 6, 21	5.9	8
191	Cooper-Paare tunneln durch einen Quantenpunkt. <i>Physik in Unserer Zeit</i> , <b>2016</b> , 47, 62-63	0.1	
190	Magnetoresistance engineering and singlet/triplet switching in InAs nanowire quantum dots with ferromagnetic sidegates. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	6
189	Label-Free FimH Protein Interaction Analysis Using Silicon Nanoribbon BioFETs. <i>ACS Sensors</i> , <b>2016</b> , 1, 781-788	9.2	9

188	Additional peak appearing in the one-photon luminescence of single gold nanorods. <i>Optics Letters</i> , <b>2016</b> , 41, 1325-8	3	4
187	Signatures of single quantum dots in graphene nanoribbons within the quantum Hall regime. <i>Nanoscale</i> , <b>2016</b> , 8, 11480-6	7.7	10
186	Comparative study of single and multi domain CVD graphene using large-area Raman mapping and electrical transport characterization. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2016</b> , 10, 807-811	2.5	8
185	Microwave Photodetection in an Ultraclean Suspended Bilayer Graphene p-n Junction. <i>Nano Letters</i> , <b>2016</b> , 16, 6988-6993	11.5	21
184	A success story. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 908	28.7	
183	Snake trajectories in ultraclean graphene p-n junctions. <i>Nature Communications</i> , <b>2015</b> , 6, 6470	17.4	79
182	Formation Mechanism of Metal/Molecule/Metal Junctions: Molecule-Assisted Migration on Metal Defects. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 19438-19451	3.8	10
181	Entanglement Detection with Non-Ideal Ferromagnetic Detectors. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 493-495	0.6	3
180	Graphene spintronics: the European Flagship perspective. <i>2D Materials</i> , <b>2015</b> , 2, 030202	5.9	198
179	Competing surface reactions limiting the performance of ion-sensitive field-effect transistors. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 500-507	8.5	22
178	Gigahertz Quantized Charge Pumping in Bottom-Gate-Defined InAs Nanowire Quantum Dots. <i>Nano Letters</i> , <b>2015</b> , 15, 4585-90	11.5	18
177	Sensing with Advanced Computing Technology: Fin Field-Effect Transistors with High-k Gate Stack on Bulk Silicon. <i>ACS Nano</i> , <b>2015</b> , 9, 4872-81	16.7	46
176	Clean carbon nanotubes coupled to superconducting impedance-matching circuits. <i>Nature Communications</i> , <b>2015</b> , 6, 7165	17.4	28
175	Guiding of Electrons in a Few-Mode Ballistic Graphene Channel. <i>Nano Letters</i> , <b>2015</b> , 15, 5819-25	11.5	53
174	Ordered nanoparticle arrays interconnected by molecular linkers: electronic and optoelectronic properties. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 999-1014	58.5	61
173	Shot Noise of a Quantum Dot Measured with Gigahertz Impedance Matching. <i>Physical Review Applied</i> , <b>2015</b> , 4,	4.3	11
172	Resonant and Inelastic Andreev Tunneling Observed on a Carbon Nanotube Quantum Dot. <i>Physical Review Letters</i> , <b>2015</b> , 115, 216801	7.4	32
171	Magnetic Field Tuning and Quantum Interference in a Cooper Pair Splitter. <i>Physical Review Letters</i> , <b>2015</b> , 115, 227003	7.4	43

170	Gate tuneable beamsplitter in ballistic graphene. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 251901	3.4	35
169	Point contacts in encapsulated graphene. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 183108	3.4	4
168	Fork stamping of pristine carbon nanotubes onto ferromagnetic contacts for spin-valve devices. <i>Physica Status Solidi (B): Basic Research</i> , <b>2015</b> , 252, 2496-2502	1.3	8
167	Scalable tight-binding model for graphene. <i>Physical Review Letters</i> , <b>2015</b> , 114, 036601	7.4	58
166	High-yield fabrication of nm-size gaps in monolayer CVD graphene. <i>Nanoscale</i> , <b>2014</b> , 6, 7249-54	7.7	55
165	Investigation of the dominant 1/f noise source in silicon nanowire sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 191, 270-275	8.5	41
164	Electrolyte gate dependent high-frequency measurement of graphene field-effect transistor for sensing applications. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 013102	3.4	14
163	Random telegraph signals in molecular junctions. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 474202	1.8	19
162	Sensor system including silicon nanowire ion sensitive FET arrays and CMOS readout. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 204, 568-577	8.5	13
161	Regulating a benzodifuran single molecule redox switch via electrochemical gating and optimization of molecule/electrode coupling. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8867-70	16.4	84
160	Fabrication of ballistic suspended graphene with local-gating. <i>Carbon</i> , <b>2014</b> , 79, 486-492	10.4	20
159	Rendering graphene supports hydrophilic with non-covalent aromatic functionalization for transmission electron microscopy. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 134103	3.4	22
158	Carbon nanotube quantum dots on hexagonal boron nitride. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 023111	3.4	12
157	Entanglement witnessing and quantum cryptography with nonideal ferromagnetic detectors. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	25
156	Nonlocal spectroscopy of Andreev bound states. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	61
155	Optimized fabrication and characterization of carbon nanotube spin valves. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 174309	2.5	24
154	Large-scale fabrication of BN tunnel barriers for graphene spintronics. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 074306	2.5	40
153	Local electrical tuning of the nonlocal signals in a Cooper pair splitter. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	35

152	Ballistic interferences in suspended graphene. <i>Nature Communications</i> , <b>2013</b> , 4, 2342	17.4	141
151	High mobility graphene ion-sensitive field-effect transistors by noncovalent functionalization. <i>Nanoscale</i> , <b>2013</b> , 5, 12104-10	7.7	62
150	A Verilog-A model for silicon nanowire biosensors: From theory to verification. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 179, 293-300	8.5	10
149	Hydrogen plasma microlithography of graphene supported on a Si/SiO <sub>2</sub> substrate. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 071602	3.4	7
148	Physics. Two indistinguishable electrons interfere in an electronic device. <i>Science</i> , <b>2013</b> , 339, 1041-2	33.3	2
147	Selective sodium sensing with gold-coated silicon nanowire field-effect transistors in a differential setup. <i>ACS Nano</i> , <b>2013</b> , 7, 5978-83	16.7	75
146	Low-bias active control of terahertz waves by coupling large-area CVD graphene to a terahertz metamaterial. <i>Nano Letters</i> , <b>2013</b> , 13, 3193-8	11.5	139
145	Silicon nanowire ion-sensitive field-effect transistor array integrated with a CMOS-based readout chip <b>2013</b> ,		3
144	Ultraclean single, double, and triple carbon nanotube quantum dots with recessed Re bottom gates. <i>Nano Letters</i> , <b>2013</b> , 13, 4522-6	11.5	16
143	g-factor anisotropy in nanowire-based InAs quantum dots <b>2013</b> ,		9
142	Spin symmetry of the bilayer graphene ground state. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	24
141	Potassium sensing with membrane-coated silicon nanowire field-effect transistors <b>2013</b> ,		1
140	Near-unity Cooper pair splitting efficiency. <i>Physical Review Letters</i> , <b>2012</b> , 109, 157002	7.4	121
139	Kondo effect and spin-active scattering in ferromagnet-superconductor junctions. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	8
138	True reference nanosensor realized with silicon nanowires. <i>Langmuir</i> , <b>2012</b> , 28, 9899-905	4	51
137	Understanding the electrolyte background for biochemical sensing with ion-sensitive field-effect transistors. <i>ACS Nano</i> , <b>2012</b> , 6, 9291-8	16.7	85
136	Homogeneity of bilayer graphene. <i>Solid State Communications</i> , <b>2012</b> , 152, 2053-2057	1.6	9
135	Force-conductance correlation in individual molecular junctions. <i>Nanotechnology</i> , <b>2012</b> , 23, 365201	3.4	25

134	Quantum Hall effect in graphene with superconducting electrodes. <i>Nano Letters</i> , <b>2012</b> , 12, 1942-5	11.5	82
133	Silicon-based ion-sensitive field-effect transistor shows negligible dependence on salt concentration at constant pH. <i>ChemPhysChem</i> , <b>2012</b> , 13, 1157-60	3.2	15
132	Spontaneously gapped ground state in suspended bilayer graphene. <i>Physical Review Letters</i> , <b>2012</b> , 108, 076602	7.4	130
131	Signal-to-noise ratio in dual-gated silicon nanoribbon field-effect sensors. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 012114	3.4	46
130	Graphene transistors are insensitive to pH changes in solution. <i>Nano Letters</i> , <b>2011</b> , 11, 3597-600	11.5	128
129	Conductance fluctuations in graphene devices with superconducting contacts in different charge density regimes. <i>Physica Status Solidi (B): Basic Research</i> , <b>2011</b> , 248, 2649-2652	1.3	
128	Gate-tunable split Kondo effect in a carbon nanotube quantum dot. <i>Nanotechnology</i> , <b>2011</b> , 22, 265204	3.4	8
127	Finite-bias Cooper pair splitting. <i>Physical Review Letters</i> , <b>2011</b> , 107, 136801	7.4	106
126	Hybrid superconductor-quantum dot devices. <i>Nature Nanotechnology</i> , <b>2010</b> , 5, 703-11	28.7	283
125	Ferromagnetic proximity effect in a ferromagnet-quantum-dot-superconductor device. <i>Physical Review Letters</i> , <b>2010</b> , 104, 246804	7.4	66
124	Permalloy-based carbon nanotube spin-valve. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 153116	3.4	37
123	Magnetic field and contact resistance dependence of non-local charge imbalance. <i>Nanotechnology</i> , <b>2010</b> , 21, 274002	3.4	22
122	Superconductivity-enhanced conductance fluctuations in few-layer graphene. <i>Nanotechnology</i> , <b>2010</b> , 21, 274005	3.4	13
121	Nernst limit in dual-gated Si-nanowire FET sensors. <i>Nano Letters</i> , <b>2010</b> , 10, 2268-74	11.5	261
120	Cyclic conductance switching in networks of redox-active molecular junctions. <i>Nano Letters</i> , <b>2010</b> , 10, 759-64	11.5	104
119	Novel cruciform structures as model compounds for coordination induced single molecule switches. <i>Chimia</i> , <b>2010</b> , 64, 140-4	1.3	6
118	Oligoaryl Cruciform Structures as Model Compounds for Coordination-Induced Single-Molecule Switches. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 833-845	3.2	21
117	Eine Trenneinrichtung für Quantenpaare. <i>Physik in Unserer Zeit</i> , <b>2010</b> , 41, 58-59	0.1	

116	Finite-bias visibility dependence in an electronic Mach-Zehnder interferometer. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	70
115	Cooper pair splitter realized in a two-quantum-dot Y-junction. <i>Nature</i> , <b>2009</b> , 461, 960-3	50.4	345
114	Dual Gated Silicon Nanowire Field Effect Transistors. <i>Procedia Chemistry</i> , <b>2009</b> , 1, 678-681		18
113	Tuning the Josephson current in carbon nanotubes with the Kondo effect. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	97
112	Light-controlled conductance switching of ordered metal-molecule-metal devices. <i>Nano Letters</i> , <b>2009</b> , 9, 76-80	11.5	282
111	Contact resistance dependence of crossed Andreev reflection. <i>Europhysics Letters</i> , <b>2009</b> , 87, 27011	1.6	41
110	Molecular junctions based on aromatic coupling. <i>Nature Nanotechnology</i> , <b>2008</b> , 3, 569-74	28.7	293
109	Electrical conductance of conjugated oligomers at the single molecule level. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1080-4	16.4	171
108	Giant fluctuations and gate control of the g-factor in InAs nanowire quantum dots. <i>Nano Letters</i> , <b>2008</b> , 8, 3932-5	11.5	81
107	Interlinking Au nanoparticles in 2D arrays via conjugated dithiolated molecules. <i>New Journal of Physics</i> , <b>2008</b> , 10, 065019	2.9	34
106	Conductance values of alkanedithiol molecular junctions. <i>New Journal of Physics</i> , <b>2008</b> , 10, 065018	2.9	25
105	Large oscillating nonlocal voltage in multiterminal single-wall carbon nanotube devices. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	13
104	Scaling of 1/f noise in tunable break junctions. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	18
103	Spectroscopy of Molecular Junction Networks Obtained by Place Exchange in 2D Nanoparticle Arrays. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 18445-18450	3.8	57
102	Mapping electron delocalization by charge transport spectroscopy in an artificial molecule. <i>Annalen Der Physik</i> , <b>2007</b> , 16, 672-677	2.6	2
101	Even-odd effect in Andreev transport through a carbon nanotube quantum dot. <i>Physical Review Letters</i> , <b>2007</b> , 99, 126602	7.4	113
100	Feedback controlled electromigration in four-terminal nanojunctions. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 053118	3.4	60
99	Controlled formation of metallic nanowires via Au nanoparticle ac trapping. <i>Nanotechnology</i> , <b>2007</b> , 18, 235202	3.4	34

98	New cruciform structures: toward coordination induced single molecule switches. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 8337-44	4.2	60
97	Tetrathiafulvalene-based molecular nanowires. <i>Chemical Communications</i> , <b>2007</b> , 4854-6	5.8	32
96	Fabrication and characterization of freestanding Si/Cr micro- and nanospirals. <i>Microelectronic Engineering</i> , <b>2006</b> , 83, 1237-1240	2.5	30
95	Molecular Electronics. <i>Imaging &amp; Microscopy</i> , <b>2006</b> , 8, 37-37		1
94	Reversible Formation of Molecular Junctions in 2D Nanoparticle Arrays. <i>Advanced Materials</i> , <b>2006</b> , 18, 2444-2447	24	113
93	Defining and controlling double quantum dots in single-walled carbon nanotubes. <i>Semiconductor Science and Technology</i> , <b>2006</b> , 21, S64-S68	1.8	10
92	Positive cross correlations in a normal-conducting fermionic beam splitter. <i>Physical Review Letters</i> , <b>2006</b> , 96, 046804	7.4	40
91	Controlling spin in an electronic interferometer with spin-active interfaces. <i>Europhysics Letters</i> , <b>2006</b> , 74, 320-326	1.6	28
90	Nanospintronics with carbon nanotubes. <i>Semiconductor Science and Technology</i> , <b>2006</b> , 21, S78-S95	1.8	93
89	Charge and spin transport in carbon nanotubes. <i>Semiconductor Science and Technology</i> , <b>2006</b> , 21, S1-S9	1.8	22
88	Molecular states in carbon nanotube double quantum dots. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	70
87	Electrical conductance of molecular junctions by a robust statistical analysis. <i>Nano Letters</i> , <b>2006</b> , 6, 2238-425	14.5	183
86	Directional scrolling of hetero-films on Si(110) and Si(111) surfaces. <i>Microelectronic Engineering</i> , <b>2006</b> , 83, 1233-1236	2.5	2
85	Anomalous coiling of SiGe/Si and SiGe/Si/Cr helical nanobelts. <i>Nano Letters</i> , <b>2006</b> , 6, 1311-7	11.5	141
84	Electric field control of spin transport. <i>Nature Physics</i> , <b>2005</b> , 1, 99-102	16.2	305
83	Electrical conductance of atomic contacts in liquid environments. <i>Small</i> , <b>2005</b> , 1, 1067-70	11	55
82	Controllable fabrication of SiGe/Si and SiGe/Si/Cr helical nanobelts. <i>Nanotechnology</i> , <b>2005</b> , 16, 655-663	3.4	113
81	Shot-noise and conductance measurements of transparent superconductor/two-dimensional electron gas junctions. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	31

80	Electrical spin injection in multiwall carbon nanotubes with transparent ferromagnetic contacts. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 112109	3.4	50
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