

Johannes Gttinger

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.

26

papers

2,109

citations

20

h-index

26

g-index

26

ext. papers

2,327

ext. citations

8.7

avg, IF

4.44

L-index

#	Paper	IF	Citations
26	Quantum transport through MoS constrictions defined by photodoping. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 205001	1.8	13
25	Energy-dependent path of dissipation in nanomechanical resonators. <i>Nature Nanotechnology</i> , 2017 , 12, 631-636	28.7	80
24	Electromechanical control of nitrogen-vacancy defect emission using graphene NEMS. <i>Nature Communications</i> , 2016 , 7, 10218	17.4	46
23	Coupling graphene mechanical resonators to superconducting microwave cavities. <i>Nano Letters</i> , 2014 , 14, 2854-60	11.5	109
22	Nanotube mechanical resonators with quality factors of up to 5 million. <i>Nature Nanotechnology</i> , 2014 , 9, 1007-11	28.7	146
21	Interplay of driving and frequency noise in the spectra of vibrational systems. <i>Physical Review Letters</i> , 2014 , 113, 255502	7.4	34
20	Ultrasensitive force detection with a nanotube mechanical resonator. <i>Nature Nanotechnology</i> , 2013 , 8, 493-6	28.7	253
19	Electronic transport in graphene nanostructures on SiO ₂ . <i>Solid State Communications</i> , 2012 , 152, 1306-1310	1.0	2
18	Transport through graphene quantum dots. <i>Reports on Progress in Physics</i> , 2012 , 75, 126502	14.4	114
17	Variations in the work function of doped single- and few-layer graphene assessed by Kelvin probe force microscopy and density functional theory. <i>Physical Review B</i> , 2011 , 83,	3.3	152
16	Electronic properties of graphene nanostructures. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 243201	1.8	78
15	Transport in graphene nanostructures. <i>Frontiers of Physics</i> , 2011 , 6, 271-293	3.7	55
14	Transport through a strongly coupled graphene quantum dot in perpendicular magnetic field. <i>Nanoscale Research Letters</i> , 2011 , 6, 253	5	14
13	Time-resolved charge detection in graphene quantum dots. <i>Physical Review B</i> , 2011 , 83,	3.3	42
12	Coherent electron-phonon coupling in tailored quantum systems. <i>Nature Communications</i> , 2011 , 2, 239	17.4	37
11	The relevance of electrostatics for scanning-gate microscopy. <i>New Journal of Physics</i> , 2011 , 13, 053013	2.9	16
10	Transition to Landau levels in graphene quantum dots. <i>Physical Review B</i> , 2010 , 81,	3.3	36

9	Spin states in graphene quantum dots. <i>Physical Review Letters</i> , 2010 , 105, 116801	7.4	108
8	Imaging localized states in graphene nanostructures. <i>Physical Review B</i> , 2010 , 82,	3.3	71
7	Transport gap in side-gated graphene constrictions. <i>Physical Review B</i> , 2009 , 79,	3.3	133
6	Transport through graphene double dots. <i>Applied Physics Letters</i> , 2009 , 94, 222107	3.4	76
5	Charge detection in graphene quantum dots. <i>Applied Physics Letters</i> , 2008 , 93, 212102	3.4	99
4	Coulomb oscillations in three-layer graphene nanostructures. <i>New Journal of Physics</i> , 2008 , 10, 125029	2.9	20
3	Tunable graphene single electron transistor. <i>Nano Letters</i> , 2008 , 8, 2378-83	11.5	312
2	Electron shuttle instability for nano electromechanical mass sensing. <i>Nano Letters</i> , 2007 , 7, 2747-52	11.5	5
1	Local gating of a graphene Hall bar by graphene side gates. <i>Physical Review B</i> , 2007 , 76,	3.3	58