

# Johannes GÃ¼ttinger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4134206/publications.pdf>

Version: 2024-02-01

26  
papers

2,491  
citations

331538

21  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum transport through MoS <sub>2</sub> constrictions defined by photodoping. Journal of Physics Condensed Matter, 2018, 30, 205001.	0.7	17
2	Energy-dependent path of dissipation in nanomechanical resonators. Nature Nanotechnology, 2017, 12, 631-636.	15.6	127
3	Electromechanical control of nitrogen-vacancy defect emission using graphene NEMS. Nature Communications, 2016, 7, 10218.	5.8	56
4	Interplay of Driving and Frequency Noise in the Spectra of Vibrational Systems. Physical Review Letters, 2014, 113, 255502.	2.9	38
5	Coupling Graphene Mechanical Resonators to Superconducting Microwave Cavities. Nano Letters, 2014, 14, 2854-2860.	4.5	146
6	Nanotube mechanical resonators with quality factors of up to 5 million. Nature Nanotechnology, 2014, 9, 1007-1011.	15.6	190
7	Ultrasensitive force detection with a nanotube mechanical resonator. Nature Nanotechnology, 2013, 8, 493-496.	15.6	327
8	Electronic transport in graphene nanostructures on SiO <sub>2</sub> . Solid State Communications, 2012, 152, 1306-1310.	0.9	2
9	Transport through graphene quantum dots. Reports on Progress in Physics, 2012, 75, 126502.	8.1	143
10	Time-resolved charge detection in graphene quantum dots. Physical Review B, 2011, 83, .	1.1	49
11	Coherent electron-phonon coupling in tailored quantum systems. Nature Communications, 2011, 2, 239.	5.8	41
12	Variations in the work function of doped single- and few-layer graphene assessed by Kelvin probe force microscopy and density functional theory. Physical Review B, 2011, 83, .	1.1	170
13	Electronic properties of graphene nanostructures. Journal of Physics Condensed Matter, 2011, 23, 243201.	0.7	88
14	Transport in graphene nanostructures. Frontiers of Physics, 2011, 6, 271-293.	2.4	61
15	Transport through a strongly coupled graphene quantum dot in perpendicular magnetic field. Nanoscale Research Letters, 2011, 6, 253.	3.1	16
16	The relevance of electrostatics for scanning-gate microscopy. New Journal of Physics, 2011, 13, 053013.	1.2	17
17	Transition to Landau levels in graphene quantum dots. Physical Review B, 2010, 81, .	1.1	40
18	Spin States in Graphene Quantum Dots. Physical Review Letters, 2010, 105, 116801.	2.9	119

#	ARTICLE	IF	CITATIONS
19	Imaging localized states in graphene nanostructures. Physical Review B, 2010, 82, .	1.1	77
20	Transport gap in side-gated graphene constrictions. Physical Review B, 2009, 79, .	1.1	139
21	Transport through graphene double dots. Applied Physics Letters, 2009, 94, .	1.5	79
22	Tunable Graphene Single Electron Transistor. Nano Letters, 2008, 8, 2378-2383.	4.5	352
23	Charge detection in graphene quantum dots. Applied Physics Letters, 2008, 93, 212102.	1.5	111
24	Coulomb oscillations in three-layer graphene nanostructures. New Journal of Physics, 2008, 10, 125029.	1.2	23
25	Local gating of a graphene Hall bar by graphene side gates. Physical Review B, 2007, 76, .	1.1	58
26	Electron Shuttle Instability for Nano Electromechanical Mass Sensing. Nano Letters, 2007, 7, 2747-2752.	4.5	5