Per GÃ¶ran Wendin

List of Publications by Year
in descending order

39	1,100	394421 19	395702 33
papers	citations	h-index	g-index

39	39	39	878
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coherent manipulation of a spin qubit. Science, 2021, 373, 390-391.	12.6	2
2	Can Biological Quantum Networks Solve NPâ€Hard Problems?. Advanced Quantum Technologies, 2019, 2, 1800081.	3.9	2
3	A generic simulator for large networks of memristive elements. Nanotechnology, 2013, 24, 384007.	2.6	5
4	Reconfigurable logic in nanoelectronic switching networks. Nanotechnology, 2007, 18, 485201.	2.6	6
5	Nanocell Devices and Architecture for Configurable Computing With Molecular Electronics. IEEE Transactions on Circuits and Systems I: Regular Papers, 2007, 54, 2461-2471.	5.4	9
6	Electronic Delocalization in Discotic Liquid Crystals:Â A Joint Experimental and Theoretical Study. Journal of the American Chemical Society, 2004, 126, 11889-11899.	13.7	136
7	Single-shot charge qubit read-out using a single electron transistor: back-action and fidelity. Physica C: Superconductivity and Its Applications, 2002, 368, 289-293.	1.2	1
8	SUPERCONDUCTIVITY: Toward Tunable Superconducting Electronics. Science, 2001, 292, 231-232.	12.6	6
9	Model Study of Ballistic S-2DEG-S Josephson Field Effect Transistors. Japanese Journal of Applied Physics, 1999, 38, 354-356.	1.5	5
10	ac Josephson effect in superconductingd-wave junctions. Physical Review B, 1999, 59, 4412-4426.	3.2	25
11	Multiple Andreev reflections as a transport problem in energy space. Superlattices and Microstructures, 1999, 25, 905-914.	3.1	19
12	Controlling Josephson transport by manipulation of Andreev levels in ballistic mesoscopic junctions. Superlattices and Microstructures, 1999, 25, 983-992.	3.1	9
13	Resonant transport through midgap states in voltage-biased Josephson junctions of d-wave superconductors. Superlattices and Microstructures, 1999, 25, 1115-1124.	3.1	7
14	Superconductingd-wave junctions: The disappearance of the odd ac components. Physical Review B, 1998, 57, R3225-R3228.	3.2	19
15	The Ba 4d-f giant dipole resonance as a probe of the structure of endohedral Ba@Cn metallofullerenes. Chemical Physics Letters, 1996, 248, 147-152.	2.6	14
16	Josephson transport in complex mesoscopic structures. Superlattices and Microstructures, 1996, 20, 569-573.	3.1	40
17	Superconducting current in a ballistic double superconductingâ€“normal-metalâ€“superconducting structure. Physical Review B, 1995, 51, 3754-3759.	3.2	19
18	Collective response and molecular effects in cluster photoionization: A one-center time-dependent calculation forBaO2. Physical Review A, 1994, 50, 3529-3532.	2.5	5

#	Article	IF	Citations
19	Andreev level spectrum and Josephson current in a superconducting ballistic point contact. Physical Review B, 1994, 49, 15258-15262.	3.2	31
20	Many-electron effects inBaC60: Collective response and molecular effects in optical conductivity and photoionization. Physical Review B, 1993, 48, 14764-14767.	3.2	75
21	Tunneling through a double-barrier structure irradiated by infrared radiation. Physical Review B, 1992, 46, 1451-1462.	3.2	35
22	Theoretical models for intensities ofdâ†'ftransitions in electron-energy-loss spectra of rare-earth and actinide metals. Physical Review B, 1991, 44, 6044-6061.	3.2	17
23	Transport of local pairs in metallic oxides: Calculation of the frequency and temperature dependence of the conductivity. Physical Review B, 1991, 44, 10215-10221.	3.2	5
24	Electron shake-up and correlation satellites and continuum shake-off distributions in X-Ray photoelectron spectra of the rare gas atoms. Journal of Electron Spectroscopy and Related Phenomena, 1988, 47, 327-384.	1.7	275
25	Direct and exchange cross sections for d-f transitions in electron-impact excitation of La and Th metal. Solid State Communications, 1988, 65, 107-110.	1.9	6
26	Many-body approach to two- and three-photon double ionization and excitation of xenon. Physical Review A, 1987, 36, 5632-5644.	2.5	11
27	Many-body theory of effective local potentials for electronic excitations. III. Application to giant dipole resonances. Physical Review A, 1987, 35, 1571-1581.	2.5	23
28	Linear and nonlinear screening effects in two-photon ionization of xenon. Physical Review A, 1987, 36, 4747-4758.	2.5	24
29	Many-body theory of effective local potentials for electronic excitations. II. General theory. Physical Review A, 1987, 35, 1555-1570.	2.5	12
30	Multiphoton ionization of many-electron atoms. International Journal of Quantum Chemistry, 1987, 31, 833-840.	2.0	5
31	Many-electron effects in multiphoton ionization: Screening effects in single-electron ionization. Physical Review A, 1986, 33, 3938-3955.	2.5	58
32	Screening Effects in Multielectron Ionization of Heavy Atoms in Intense Laser Fields. Physical Review Letters, 1986, 56, 1241-1244.	7.8	27
33	On the Photoabsorption Cross Section of Uranium Metal. Physica Scripta, 1985, 32, 286-290.	2.5	22
34	Many-electron theory of x-ray photoelectron spectra:N-shell linewidths in thePd46toU92range. Physical Review A, 1985, 31, 2318-2330.	2.5	47
35	Ionic-configuration-interaction effects on Xe5s-subshell photoionization processes. Physical Review A, 1983, 28, 3143-3146.	2.5	23
36	On the importance of atomic effects in photoemission from the Te adsorbed on Ni. Solid State Communications, 1981, 38, 197-200.	1.9	8

#	Article	IF	Citations
37	Anomalous X-Ray Scattering. Physica Scripta, 1980, 21, 535-542.	2.5	29
38	Calculation of the photoabsorption coefficient in a hot and dense aluminum plasma. Physical Review A, 1978, 18, 2695-2700.	2.5	10
39	On a Many-electron Description of Photoionization Processes: Application to the 5, 5 ESCA Spectrum in Xe. Physica Scripta, 1977, 16, 296-298.	2.5	28