

# Per GÅŕan Wendin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1259394/publications.pdf>

Version: 2024-02-01

39  
papers

1,100  
citations

394421

19  
h-index

395702

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron shake-up and correlation satellites and continuum shake-off distributions in X-Ray photoelectron spectra of the rare gas atoms. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1988, 47, 327-384.	1.7	275
2	Electronic Delocalization in Discotic Liquid Crystals: A Joint Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2004, 126, 11889-11899.	13.7	136
3	Many-electron effects in BaC <sub>60</sub> : Collective response and molecular effects in optical conductivity and photoionization. <i>Physical Review B</i> , 1993, 48, 14764-14767.	3.2	75
4	Many-electron effects in multiphoton ionization: Screening effects in single-electron ionization. <i>Physical Review A</i> , 1986, 33, 3938-3955.	2.5	58
5	Many-electron theory of x-ray photoelectron spectra: N-shell linewidths in the Pd46 to U92 range. <i>Physical Review A</i> , 1985, 31, 2318-2330.	2.5	47
6	Josephson transport in complex mesoscopic structures. <i>Superlattices and Microstructures</i> , 1996, 20, 569-573.	3.1	40
7	Tunneling through a double-barrier structure irradiated by infrared radiation. <i>Physical Review B</i> , 1992, 46, 1451-1462.	3.2	35
8	Andreev level spectrum and Josephson current in a superconducting ballistic point contact. <i>Physical Review B</i> , 1994, 49, 15258-15262.	3.2	31
9	Anomalous X-Ray Scattering. <i>Physica Scripta</i> , 1980, 21, 535-542.	2.5	29
10	On a Many-electron Description of Photoionization Processes: Application to the 5, 5 ESCA Spectrum in Xe. <i>Physica Scripta</i> , 1977, 16, 296-298.	2.5	28
11	Screening Effects in Multielectron Ionization of Heavy Atoms in Intense Laser Fields. <i>Physical Review Letters</i> , 1986, 56, 1241-1244.	7.8	27
12	ac Josephson effect in superconducting d-wave junctions. <i>Physical Review B</i> , 1999, 59, 4412-4426.	3.2	25
13	Linear and nonlinear screening effects in two-photon ionization of xenon. <i>Physical Review A</i> , 1987, 36, 4747-4758.	2.5	24
14	Ionic-configuration-interaction effects on Xe 5s-subshell photoionization processes. <i>Physical Review A</i> , 1983, 28, 3143-3146.	2.5	23
15	Many-body theory of effective local potentials for electronic excitations. III. Application to giant dipole resonances. <i>Physical Review A</i> , 1987, 35, 1571-1581.	2.5	23
16	On the Photoabsorption Cross Section of Uranium Metal. <i>Physica Scripta</i> , 1985, 32, 286-290.	2.5	22
17	Superconducting current in a ballistic double superconducting "normal-metal" superconducting structure. <i>Physical Review B</i> , 1995, 51, 3754-3759.	3.2	19
18	Superconducting d-wave junctions: The disappearance of the odd ac components. <i>Physical Review B</i> , 1998, 57, R3225-R3228.	3.2	19

#	ARTICLE	IF	CITATIONS
19	Multiple Andreev reflections as a transport problem in energy space. Superlattices and Microstructures, 1999, 25, 905-914.	3.1	19
20	Theoretical models for intensities of d-f transitions in electron-energy-loss spectra of rare-earth and actinide metals. Physical Review B, 1991, 44, 6044-6061.	3.2	17
21	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
22	Many-body theory of effective local potentials for electronic excitations. II. General theory. Physical Review A, 1987, 35, 1555-1570.	2.5	12
23	Many-body approach to two- and three-photon double ionization and excitation of xenon. Physical Review A, 1987, 36, 5632-5644.	2.5	11
24	Calculation of the photoabsorption coefficient in a hot and dense aluminum plasma. Physical Review A, 1978, 18, 2695-2700.	2.5	10
25	Controlling Josephson transport by manipulation of Andreev levels in ballistic mesoscopic junctions. Superlattices and Microstructures, 1999, 25, 983-992.	3.1	9
26	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
27	On the importance of atomic effects in photoemission from the Te adsorbed on Ni. Solid State Communications, 1981, 38, 197-200.	1.9	8
28	Resonant transport through midgap states in voltage-biased Josephson junctions of d-wave superconductors. Superlattices and Microstructures, 1999, 25, 1115-1124.	3.1	7
29	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
30	Reconfigurable logic in nanoelectronic switching networks. Nanotechnology, 2007, 18, 485201.	2.6	6
31	SUPERCONDUCTIVITY: Toward Tunable Superconducting Electronics. Science, 2001, 292, 231-232.	12.6	6
32	Multiphoton ionization of many-electron atoms. International Journal of Quantum Chemistry, 1987, 31, 833-840.	2.0	5
33	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
34	Collective response and molecular effects in cluster photoionization: A one-center time-dependent calculation for BaO <sub>2</sub> . Physical Review A, 1994, 50, 3529-3532.	2.5	5
35	Model Study of Ballistic S-2DEC-S Josephson Field Effect Transistors. Japanese Journal of Applied Physics, 1999, 38, 354-356.	1.5	5
36	A generic simulator for large networks of memristive elements. Nanotechnology, 2013, 24, 384007.	2.6	5

#	ARTICLE	IF	CITATIONS
37	Can Biological Quantum Networks Solve NP-Hard Problems?. Advanced Quantum Technologies, 2019, 2, 1800081.	3.9	2
38	Coherent manipulation of a spin qubit. Science, 2021, 373, 390-391.	12.6	2
39	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