

Alexander Weismann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

566
citations

840776

11
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range Kondo signature of a single magnetic impurity. <i>Nature Physics</i> , 2011, 7, 203-206.	16.7	98
2	Seeing the Fermi Surface in Real Space by Nanoscale Electron Focusing. <i>Science</i> , 2009, 323, 1190-1193.	12.6	96
3	Reversible coordination-induced spin-state switching in complexes on metal surfaces. <i>Nature Nanotechnology</i> , 2020, 15, 18-21.	31.5	64
4	Spin Manipulation by Creation of Single-Molecule Radical Cations. <i>Physical Review Letters</i> , 2016, 116, 027201.	7.8	53
5	Shot Noise as a Probe of Spin-Polarized Transport through Single Atoms. <i>Physical Review Letters</i> , 2015, 114, 016602.	7.8	46
6	Theory of real space imaging of Fermi surface parts. <i>Physical Review B</i> , 2011, 83, .	3.2	36
7	Manipulation of Subsurface Donors in ZnO. <i>Physical Review Letters</i> , 2013, 110, 226101.	7.8	34
8	Shifting the Voltage Drop in Electron Transport Through a Single Molecule. <i>Physical Review Letters</i> , 2015, 115, 016802.	7.8	32
9	The Kondo resonance line shape in scanning tunnelling spectroscopy: instrumental aspects. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 424001.	1.8	30
10	Tuning the electron transport at single donors in zinc oxide with a scanning tunnelling microscope. <i>Nature Communications</i> , 2014, 5, 2992.	12.8	20
11	Spin dependent transmission of nickelocene-Cu contacts probed with shot noise. <i>Physical Review B</i> , 2020, 101, .	3.2	12
12	Conductance channels of a platform molecule on Au(111) probed with shot noise. <i>Physical Review B</i> , 2019, 99, .	3.2	11
13	Inducing and Controlling Molecular Magnetism through Supramolecular Manipulation. <i>ACS Nano</i> , 2020, 14, 17387-17395.	14.6	10
14	Shot noise from single atom contacts in a scanning tunneling microscope. <i>Surface Science</i> , 2016, 643, 10-12.	1.9	8
15	Tunneling anisotropic magnetoresistance via molecular π orbitals of Pb dimers. <i>Physical Review B</i> , 2018, 97, .	3.2	4
16	Apparent tunneling barrier height and local work function of atomic arrays. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 3048-3052.	2.8	3
17	Current shot noise in atomic contacts: Fe and FeH ₂ between Au electrodes. <i>Physical Review B</i> , 2021, 104, .	3.2	3
18	Scanning Tunneling Spectroscopy of Subsurface Ag and Ge Impurities in Copper. <i>New Journal of Physics</i> , 0, , .	2.9	2

#	ARTICLE	IF	CITATIONS
19	Scanning tunneling spectroscopy of Ni/W(110): bcc and fcc properties in the second atomic layer. Applied Physics A: Materials Science and Processing, 2013, 111, 285-288.	2.3	1
20	Scanning Tunneling Spectroscopies of Magnetic Atoms, Clusters, and Molecules. Nanoscience and Technology, 2018, , 25-53.	1.5	1
21	Observation of a Shockley Surface State on Gold Nanoparticles with Sizes Down to 5 nm. Journal of Physical Chemistry C, 0, , .	3.1	1
22	Visualisierung der Fermi-Fläche. Physik in Unserer Zeit, 2009, 40, 119-119.	0.0	0
23	Confined electron emission with femtosecond timing: nonlinearity, localization, enhancement. Proceedings of SPIE, 2010, , .	0.8	0