

Benjamin W Heinrich

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Yu-Shiba-Rusinov States in the Charge-Density Modulated Superconductor NbSe ₂ . Nano Letters, 2020, 20, 339-344.	9.1	36
2	Interfering Tunneling Paths through Magnetic Molecules on Superconductors: Asymmetries of Kondo and Yu-Shiba-Rusinov Resonances. Physical Review Letters, 2020, 125, 256805.	7.8	24
3	Surface-orientation- and ligand-dependent quenching of the spin magnetic moment of Co porphyrins adsorbed on Cu substrates. Physical Chemistry Chemical Physics, 2020, 22, 12688-12696.	2.8	11
4	Correlation of Vibrational Excitations and Electronic Structure with Submolecular Resolution. Journal of Physical Chemistry C, 2019, 123, 7425-7430.	3.1	3
5	Control of Oxidation and Spin State in a Single-Molecule Junction. ACS Nano, 2018, 12, 3172-3177.	14.6	18
6	Wave-Function Hybridization in Yu-Shiba-Rusinov Dimers. Physical Review Letters, 2018, 120, 156803.	7.8	53
7	Single magnetic adsorbates on s-wave superconductors. Progress in Surface Science, 2018, 93, 1-19.	8.3	135
8	Tuning the Coupling of an Individual Magnetic Impurity to a Superconductor: Quantum Phase Transition and Transport. Physical Review Letters, 2018, 121, 196803.	7.8	84
9	Visualizing Intramolecular Distortions as the Origin of Transverse Magnetic Anisotropy. Journal of Physical Chemistry Letters, 2018, 9, 6563-6567.	4.6	12
10	Exploring a Proximity-Coupled Co Chain on Pb(110) as a Possible Majorana Platform. Nano Letters, 2017, 17, 4473-4477.	9.1	118
11	Scaling of Yu-Shiba-Rusinov energies in the weak-coupling Kondo regime. Nature Communications, 2017, 8, 2016.	12.8	45
12	Imaging isodensity contours of molecular states with STM. New Journal of Physics, 2017, 19, 113033.	2.9	18
13	Orbital Picture of Yu-Shiba-Rusinov Multiplets. Physical Review Letters, 2016, 117, 186801.	7.8	90
14	Tunneling Processes into Localized Subgap States in Superconductors. Physical Review Letters, 2015, 115, 087001.	7.8	113
15	End States and Subgap Structure in Proximity-Coupled Chains of Magnetic Adatoms. Physical Review Letters, 2015, 115, 197204.	7.8	294
16	Magnetic anisotropy in Shiba bound states across a quantum phase transition. Nature Communications, 2015, 6, 8988.	12.8	94
17	Experimental Demonstration of a Two-Band Superconducting State for Lead Using Scanning Tunneling Spectroscopy. Physical Review Letters, 2015, 114, 157001.	7.8	73
18	Tuning the Magnetic Anisotropy of Single Molecules. Nano Letters, 2015, 15, 4024-4028.	9.1	98

#	ARTICLE	IF	CITATIONS
19	Change of the Magnetic Coupling of a Metal-Organic Complex with the Substrate by a Stepwise Ligand Reaction. <i>Nano Letters</i> , 2013, 13, 4840-4843.	9.1	78
20	Protection of excited spin states by a superconducting energy gap. <i>Nature Physics</i> , 2013, 9, 765-768.	16.7	118
21	Magnetic Coupling of $Gd_3@C_{80}$ Endohedral Fullerenes to a Substrate. <i>Physical Review Letters</i> , 2013, 111, 167203.	7.8	28
22	Engineering Negative Differential Conductance with the Cu(111) Surface State. <i>Physical Review Letters</i> , 2011, 107, 246801.	7.8	27
23	Dispersion and Localization of Electronic States at a Ferrocene/Cu(111) Interface. <i>Physical Review Letters</i> , 2011, 107, 216801.	7.8	55
24	A spin-selective approach for surface states at Co nanoislands. <i>European Physical Journal B</i> , 2010, 75, 49-56.	1.5	15
25	Direct Observation of the Tunneling Channels of a Chemisorbed Molecule. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1517-1523.	4.6	67
26	Spin structure of an atomic protrusion: Probing single atoms on cobalt nanoislands. <i>Physical Review B</i> , 2009, 79, .	3.2	19
27	Visualizing the Spin of Individual Cobalt-Phthalocyanine Molecules. <i>Physical Review Letters</i> , 2008, 101, 116602.	7.8	228
28	Size-Dependent Surface States of Strained Cobalt Nanoislands on Cu(111). <i>Physical Review Letters</i> , 2007, 99, 246102.	7.8	82
29	Investigation of FeO films on SrTiO ₃ (100). <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 1836-1843.	0.8	3