

Cornelius Krull

List of Publications by Year in descending order

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papers

883
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687363

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1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Range Surface-Assisted Molecule-Molecule Hybridization. <i>Small</i> , 2021, 17, e2005974.	10.0	3
2	Electric Field Control of Molecular Charge State in a Single-Component 2D Organic Nanoarray. <i>ACS Nano</i> , 2019, 13, 11882-11890.	14.6	14
3	Iron-based trinuclear metal-organic nanostructures on a surface with local charge accumulation. <i>Nature Communications</i> , 2018, 9, 3211.	12.8	31
4	Designing Optoelectronic Properties by On-Surface Synthesis: Formation and Electronic Structure of an Iron-Terpyridine Macromolecular Complex. <i>ACS Nano</i> , 2018, 12, 6545-6553.	14.6	13
5	Exchange bias of TbPc ₂ magnets on antiferromagnetic FeMn and ferromagnetic Fe films. <i>Physical Review B</i> , 2015, 92, .	12.8	14
6	Coupling of single, double, and triple-decker metal-phthalocyanine complexes to ferromagnetic and antiferromagnetic substrates. <i>Surface Science</i> , 2014, 630, 361-374.	1.9	49
7	Electronic Structure of Metal Phthalocyanines on Ag(100). <i>Springer Theses</i> , 2014, , .	0.1	2
8	Spin Tuning of Electron-Doped Metal-Phthalocyanine Layers. <i>Journal of the American Chemical Society</i> , 2014, 136, 5451-5459.	13.7	74
9	Site- and orbital-dependent charge donation and spin manipulation in electron-doped metal phthalocyanines. <i>Nature Materials</i> , 2013, 12, 337-343.	27.5	106
10	Exchange Biasing Single Molecule Magnets: Coupling of TbPc ₂ to Antiferromagnetic Layers. <i>Nano Letters</i> , 2012, 12, 5703-5707.	9.1	69
11	Coupling Single Molecule Magnets to Ferromagnetic Substrates. <i>Physical Review Letters</i> , 2011, 107, 177205.	7.8	153
12	Spin coupling and relaxation inside molecule-metal contacts. <i>Nature Communications</i> , 2011, 2, 490.	12.8	151
13	Self-Assembled Nanometer-Scale Magnetic Networks on Surfaces: Fundamental Interactions and Functional Properties. <i>Advanced Functional Materials</i> , 2011, 21, 1212-1228.	14.9	48
14	Correlated Electrons Step by Step: Itinerant-to-Localized Transition of Fe Impurities in Free-Electron Metal Hosts. <i>Physical Review Letters</i> , 2010, 104, 117601.	7.8	22
15	Orbital Specific Chirality and Homochiral Self-Assembly of Achiral Molecules Induced by Charge Transfer and Spontaneous Symmetry Breaking. <i>Physical Review Letters</i> , 2010, 105, 115702.	7.8	116
16	Formation of extended straight molecular chains by pairing of thymine molecules on the Ag-Si(111) surface. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 297-301.	2.3	8