Mandy Grobosch

List of Publications by Year
in descending order

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33 papers	925 citations	430442 18 h-index	433756 31 g-index
33 all docs	33 docs citations	33 times ranked	1595 citing authors

#	Article	IF	Citations
1	Evidence for a New Twoâ€Dimensional C₄Hâ€Type Polymer Based on Hydrogenated Graphene. Advanced Materials, 2011, 23, 4497-4503.	11.1	90
2	Investigating the Graphitization Mechanism of SiO₂ Nanoparticles in Chemical Vapor Deposition. ACS Nano, 2009, 3, 4098-4104.	7.3	89
3	High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of an Arsenic-Deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LaO</mml:mi><mml:mn>0.9</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">F</mml:mi><mml:mn>0.1</mml:mn></mml:msub><mml:msub><mml:mi>FeAs</mml:mi><mml:mrow><mml:mn> Physical Review Letters, 2008, 101, 237003.	2.9	85
4	Electronic properties of transition metal phthalocyanines: The impact of the central metal atom (d5â€“d10). Organic Electronics, 2010, 11, 1483-1488.	1.4	80
5	Evidence for substitutional boron in doped single-walled carbon nanotubes. Applied Physics Letters, 2010, 96, .	1.5	60
6	Identification of the electronic states of manganese phthalocyanine close to the Fermi level. Chemical Physics Letters, 2011, 505, 122-125.	1.2	49
7	Charge-Injection Barriers at Realistic Metal/Organic Interfaces: Metals Become Faceless. Advanced Materials, 2007, 19, 754-756.	11.1	46
8	Engineering of the Energy Level Alignment at Organic Semiconductor Interfaces by Intramolecular Degrees of Freedom: Transition Metal Phthalocyanines. Journal of Physical Chemistry C, 2009, 113, 13219-13222.	1.5	46
9	Electronic properties of molecular solids: the peculiar case of solid picene. New Journal of Physics, 2010, 12, 103036.	1.2	46
10	The electronic properties of potassium doped copper-phthalocyanine studied by electron energy-loss spectroscopy. Journal of Chemical Physics, 2007, 126, 214702.	1.2	29
11	Single crystal strontium titanate surface and bulk modifications due to vacuum annealing. Journal of Applied Physics, 2011, 110, .	1.1	29
12	Energy level alignment and interface states at Î±-sexithiophene/Ag interfaces. Organic Electronics, 2007, 8, 625-630.	1.4	26
13	Full electronic excitation spectrum of condensed manganese phthalocyanine. Chemical Physics Letters, 2009, 469, 121-124.	1.2	24
14	Crystalline Organic Heterostructures Engineering Based on Vanadyl Phthalocyanine and Rodâ€Like Conjugated Organic Semiconductors with Selected Central Groups. Advanced Functional Materials, 2012, 22, 4598-4607.	7.8	23
15	Optical Study ofLaO0.9F0.1FeAs: Evidence for a Weakly Coupled Superconducting State. Physical Review Letters, 2008, 101, 257004.	2.9	22
16	Charge transfer at F16CoPc and CoPc interfaces to Au. Applied Physics A: Materials Science and Processing, 2011, 105, 921-925.	1.1	22
17	A photoemission study of interfaces between organic semiconductors and Co as well as Al2O3/Co contacts. Synthetic Metals, 2010, 160, 238-243.	2.1	20
18	Novel carbon nanotube composites by grafting reaction with water-compatible redox initiator system. Colloid and Polymer Science, 2013, 291, 699-708.	1.0	19

#	Article	IF	Citations
19	Consistent experimental determination of the charge neutrality level and the pillow effect at metal/organic interfaces. Applied Physics Letters, 2007, 91, .	1.5	12
20	Probing the molecular orbitals of FePc near the chemical potential using electron energy-loss spectroscopy. European Physical Journal B, 2010, 74, 339-344.	0.6	11
21	Hole Transparent and Hole Blocking Transport in Single-Crystal-Like Organic Heterojunction: When Rods Hold up Disks. ACS Applied Materials & Interfaces, 2011, 3, 2195-2199.	4.0	11
22	Electronic excitations of potassium intercalated manganese phthalocyanine investigated by electron energy-loss spectroscopy. Journal of Chemical Physics, 2011, 134, 194504.	1.2	11
23	Electronic properties of the interface between the organic semiconductor Î±-sexithiophene and polycrystalline palladium. Organic Electronics, 2008, 9, 767-774.	1.4	10
24	Electronic properties of spiro compounds for organic electronics. Journal of Chemical Physics, 2012, 136, 124702.	1.2	9
25	Energy Level Alignment and Interactions at Potential Contacts for Spin Injection into Organic Semiconductors. Advanced Engineering Materials, 2009, 11, 285-290.	1.6	8
26	Energy level alignment at interfaces between organic semiconductors and clean ferromagnetic La0.7Sr0.3MnO3 thin film contacts for spin injection. Applied Physics A: Materials Science and Processing, 2009, 95, 95-99.	1.1	8
27	Interfacial energy level bending in a crystalline p/p-type organic heterostructure. Applied Physics Letters, 2011, 98, .	1.5	8
28	Electronic properties of 1,2;8,9-dibenzopentacene thin films: A joint experimental and theoretical study. Physical Review B, 2012, 86, .	1.1	8
29	The electronic excitation spectrum of CuPcF16 films. Applied Physics A: Materials Science and Processing, 2009, 94, 179-183.	1.1	6
30	Alignment of the energy levels and charge injection barriers at interfaces for spin injection: La_{0.7}Sr_{0.3}MnO₃ in contact with organic semiconductors. Physica Status Solidi (B): Basic Research, 2008, 245, 799-803.	0.7	5
31	Insight into the physics of Fe-pnictides from optical and T= 0 penetration depth data. Physica C: Superconductivity and Its Applications, 2010, 470, S332-S333.	0.6	5
32	Organic [6,6]-phenyl-C61-butyric-acid-methyl-ester field effect transistors: Analysis of the contact properties by combined photoemission spectroscopy and electrical measurements. Journal of Applied Physics, 2013, 113, 174504.	1.1	5
33	How Photoelectron Spectroscopy and Quantum Chemical Studies Can Help Understanding the Magnetic Properties of Molecules: An Example from the Class of Cu(II)â"Bis(oxamato) Complexes. Journal of Physical Chemistry B, 2009, 113, 10051-10054.	1.2	3