

Fabian Bebensee

List of Publications by Year in descending order

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papers

940
citations

394421

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29
docs citations

29
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	On-Surface Azide-Alkyne Cycloaddition on Cu(111): Does It "Click" in Ultrahigh Vacuum?. <i>Journal of the American Chemical Society</i> , 2013, 135, 2136-2139.	13.7	144
2	The adsorption of CO ₂ and CO on Ca and CaO films studied with MIES, UPS and XPS. <i>Surface Science</i> , 2009, 603, 40-49.	1.9	72
3	cis-to-trans isomerization of azobenzene investigated by using thin films of metal-organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22721-22725.	2.8	64
4	A Surface Coordination Network Based on Copper Adatom Trimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12955-12959.	13.8	61
5	Interaction of Formaldehyde with the Rutile TiO ₂ (110) Surface: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12626-12636.	3.1	54
6	Evidence for photogenerated intermediate hole polarons in ZnO. <i>Nature Communications</i> , 2015, 6, 6901.	12.8	53
7	Formation of the Calcium/Poly(3-Hexylthiophene) Interface: Structure and Energetics. <i>Journal of the American Chemical Society</i> , 2009, 131, 13498-13507.	13.7	41
8	Adsorption and dehydrogenation of tetrahydroxybenzene on Cu(111). <i>Chemical Communications</i> , 2013, 49, 9308.	4.1	40
9	Chemical activity of oxygen vacancies on ceria: a combined experimental and theoretical study on CeO ₂ (111). <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24165-24168.	2.8	40
10	On-surface synthesis approach to preparing one-dimensional organometallic and poly-p-phenylene chains. <i>Materials Chemistry Frontiers</i> , 2017, 1, 119-127.	5.9	39
11	Carbon dioxide adsorption on a ZnO(101̄,0) substrate studied by infrared reflection absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1672-1678.	2.8	38
12	Steering Surface Reaction at Specific Sites with Self-Assembly Strategy. <i>ACS Nano</i> , 2017, 11, 9397-9404.	14.6	38
13	The adsorption of oxygen and water on Ca and CaO films studied with MIES, UPS and XPS. <i>Surface Science</i> , 2008, 602, 1622-1630.	1.9	34
14	Methanol adsorption on monocrystalline ceria surfaces. <i>Journal of Catalysis</i> , 2016, 336, 116-125.	6.2	34
15	Carbon Dioxide Adsorption on CeO ₂ (110): An XPS and NEXAFS Study. <i>ChemPhysChem</i> , 2017, 18, 1874-1880.	2.1	34
16	Toward Well-Defined Metal-Polymer Interfaces: Temperature-Controlled Suppression of Subsurface Diffusion and Reaction at the Calcium/Poly(3-Hexylthiophene) Interface. <i>Journal of the American Chemical Society</i> , 2010, 132, 12163-12165.	13.7	31
17	Interface Formation between Calcium and Electron-Irradiated Poly(3-hexylthiophene). <i>Langmuir</i> , 2010, 26, 9632-9639.	3.5	29
18	Adsorbate-induced lifting of substrate relaxation is a general mechanism governing titania surface chemistry. <i>Nature Communications</i> , 2016, 7, 12888.	12.8	23

#	ARTICLE	IF	CITATIONS
19	Surface Analysis of Nanoscale Aluminium and Silicon Films Made by Electrodeposition in Ionic Liquids. Zeitschrift Fur Physikalische Chemie, 2008, 222, 671-686.	2.8	20
20	Calcium Thin Film Growth on a Cyano-Substituted Poly(<i>p</i> -phenylene vinylene): Interface Structure and Energetics. Journal of Physical Chemistry C, 2013, 117, 23781-23789.	3.1	17
21	Ein Metallorganisches Netzwerk auf Basis von Cu-Atom-Trimeren. Angewandte Chemie, 2014, 126, 13169-13173.	2.0	11
22	Interaction of electrochemically deposited aluminium nanoparticles with reactive gases. Surface Science, 2007, 601, 3769-3773.	1.9	9
23	Calcium Thin Film Growth on Polyfluorenes: Interface Structure and Energetics. Journal of Physical Chemistry C, 2014, 118, 2953-2962.	3.1	6
24	Physical Chemistry in all its Diversity. ChemPhysChem, 2018, 20, 6-8.	2.1	0
25	Forever Young. ChemPhysChem, 2020, 21, 4-6.	2.1	0
26	New Sensation. ChemPhysChem, 2021, 22, 3-4.	2.1	0
27	Always There Where the Science Is. ChemPhysChem, 2022, 23, e202100817.	2.1	0