Meike KÃ¶nig

List of Publications by Year
in descending order

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22 papers	374 citations	758635 12 h-index	794141 19 g-index
22 all docs	22 docs citations	22 times ranked	594 citing authors

#	Article	IF	Citations
1	Defects as Color Centers: The Apparent Color of Metalâ€“Organic Frameworks Containing Cu²⁺-Based Paddle-Wheel Units. ACS Applied Materials & Interfaces, 2017, 9, 37463-37467.	4.0	60
2	Enzyme Immobilization in Polyelectrolyte Brushes: High Loading and Enhanced Activity Compared to Monolayers. Langmuir, 2019, 35, 3479-3489.	1.6	46
3	Inverse Vulcanization of Styrylethyltrimethoxysilaneâ€“Coated Surfaces, Particles, and Crosslinked Materials. Angewandte Chemie - International Edition, 2020, 59, 18639-18645.	7.2	33
4	Adsorption of enzymes to stimuli-responsive polymer brushes: Influence of brush conformation on adsorbed amount and biocatalytic activity. Colloids and Surfaces B: Biointerfaces, 2016, 146, 737-745.	2.5	32
5	Quartz crystal microbalance with coupled spectroscopic ellipsometry-study of temperature-responsive polymer brush systems. Applied Surface Science, 2017, 421, 843-851.	3.1	31
6	Slanted Columnar Thin Films Prepared by Glancing Angle Deposition Functionalized with Polyacrylic Acid Polymer Brushes. Journal of Physical Chemistry C, 2013, 117, 13971-13980.	1.5	29
7	Combined QCM-D/GE as a tool to characterize stimuli-responsive swelling of and protein adsorption on polymer brushes grafted onto 3D-nanostructures. Analytical and Bioanalytical Chemistry, 2014, 406, 7233-7242.	1.9	20
8	Catalytically Active Nanocomposites Based on Palladium and Platinum Nanoparticles in Poly(2â€vinylpyridine) Brushes. Macromolecular Chemistry and Physics, 2013, 214, 2301-2311.	1.1	18
9	Light-Switchable One-Dimensional Photonic Crystals Based on MOFs with Photomodulatable Refractive Index. Journal of Physical Chemistry Letters, 2019, 10, 6626-6633.	2.1	17
10	Nanocomposite coatings with stimuli-responsive catalytic activity. RSC Advances, 2014, 4, 17579-17586.	1.7	16
11	In-situ-Investigation of Enzyme Immobilization on Polymer Brushes. Frontiers in Chemistry, 2019, 7, 101.	1.8	14
12	Salt Sensitivity of the Thermoresponsive Behavior of PNIPAAm Brushes. Langmuir, 2018, 34, 2448-2454.	1.6	13
13	pHâ€Responsive Aminomethyl Functionalized Poly(p â€xylylene) Coatings by Chemical Vapor Deposition Polymerization. Macromolecular Chemistry and Physics, 2017, 218, 1600521.	1.1	8
14	In Situ Synthesis of Palladium Nanoparticles in Polymer Brushes Followed by QCMâ€D Coupled with Spectroscopic Ellipsometry. Particle and Particle Systems Characterization, 2013, 30, 931-935.	1.2	7
15	Bioinstructive Coatings for Hematopoietic Stem Cell Expansion Based on Chemical Vapor Deposition Copolymerization. Biomacromolecules, 2017, 18, 3089-3098.	2.6	7
16	Nanotopographical control of surfaces using chemical vapor deposition processes. Beilstein Journal of Nanotechnology, 2017, 8, 1250-1256.	1.5	7
17	Vapor-based polymers: from films to nanostructures. Beilstein Journal of Nanotechnology, 2017, 8, 2219-2220.	1.5	5
18	The Distribution of Immobilized Platinum and Palladium Nanoparticles within Poly(2â€vinylpyridine) Brushes. Macromolecular Chemistry and Physics, 2014, 215, 1679-1685.	1.1	4

#	Article	IF	Citations
19	Solid and Hollow Poly(p-xylylene) Particles Synthesis via Metalâ€“Organic Framework-Templated Chemical Vapor Polymerization. Chemistry of Materials, 0, , .	3.2	4
20	Editorial: Polymer Surface Chemistry: Biomolecular Engineering and Biointerfaces. Frontiers in Chemistry, 2019, 7, 271.	1.8	2
21	Polymer Brushes, Hydrogels, Polyelectrolyte Multilayers: Stimuli-Responsivity and Control of Protein Adsorption. Springer Series in Surface Sciences, 2018, , 115-143.	0.3	1
22	Molecular Changes in Vaporâ€Based Polymer Thin Films Assessed by Characterization of Swelling Properties of Amineâ€Functionalized Polyâ€•p â€xylylene. Macromolecular Chemistry and Physics, 2020, 221, 2000213.	1.1	0