Rainer Ostermann

List of Publications by Year
in descending order

16 papers	1,088 citations	687363 13 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	2112 citing authors

#	Article	IF	Citations
1	V2O5Nanorods on TiO2Nanofibers: A New Class of Hierarchical Nanostructures Enabled by Electrospinning and Calcination. Nano Letters, 2006, 6, 1297-1302.	9.1	269
2	Metalâ€“organic framework nanofibers viaelectrospinning. Chemical Communications, 2011, 47, 442-444.	4.1	203
3	Exceptional Photocatalytic Activity of Ordered Mesoporous Î²-Bi₂O₃ Thin Films and Electrospun Nanofiber Mats. Chemistry of Materials, 2010, 22, 3079-3085.	6.7	197
4	Carbon Nanotubes by Electrospinning with a Polyelectrolyte and Vapor Deposition Polymerization. Nano Letters, 2007, 7, 2470-2474.	9.1	67
5	Formation of Inorganic Nanofibers from Preformed TiO2Nanoparticles via Electrospinning. Journal of Physical Chemistry C, 2011, 115, 362-372.	3.1	67
6	Ionicâ€Liquid Synthesis Route of TiO₂(B) Nanoparticles for Functionalized Materials. Chemistry - A European Journal, 2011, 17, 775-779.	3.3	65
7	Cyclopentadienyl Ruthenâ€“Nickel Catalysts for Biomimetic Hydrogen Evolution: Electrocatalytic Properties and Mechanistic DFT Studies. Chemistry - A European Journal, 2009, 15, 9350-9364.	3.3	61
8	Electrodeposition of zinc oxide on transparent conducting metal oxide nanofibers and its performance in dye sensitized solar cells. Electrochimica Acta, 2013, 90, 375-381.	5.2	37
9	Hollow Î±-Fe₂O₃ nanofibres for solar water oxidation: improving the photoelectrochemical performance by formation of Î±-Fe₂O₃/ITO-composite photoanodes. Journal of Materials Chemistry A, 2016, 4, 18444-18456.	10.3	37
10	Controlled Electrochemically-Assisted Deposition of Solâ”Gel Biocomposite on Electrospun Platinum Nanofibers. Langmuir, 2011, 27, 7140-7147.	3.5	19
11	Electrospun Metal Oxide Nanofibres for the Assessment of Catalyst Morphological Stability under Harsh Reaction Conditions. ChemCatChem, 2013, 5, 2621-2626.	3.7	18
12	Does mesoporosity enhance thin film properties? A question of electrode material for electrochromism of WO3. Nanoscale, 2009, 1, 266.	5.6	17
13	Electrospun antimony doped tin oxide (ATO) nanofibers as a versatile conducting matrix. Chemical Communications, 2011, 47, 12119.	4.1	13
14	Mesoporous sandwiches: towards mesoporous multilayer films of crystalline metal oxides. Physical Chemistry Chemical Physics, 2009, 11, 3648.	2.8	12
15	Novel finely structured polymer aerogels using organogelators as a structure-directing component. Journal of Materials Chemistry A, 2021, 9, 20695-20702.	10.3	6
16	Novel Nanostructured Photoelectrodes - Electrodeposition of Metal Oxides onto Transparent Conducting Oxide Nanofibers. Materials Research Society Symposia Proceedings, 2009, 1211, 1.	0.1	0