

# Rainer Ostermann

## List of Publications by Year in descending order

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16  
papers

1,088  
citations

687363

13  
h-index

996975

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g-index

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all docs

17  
docs citations

17  
times ranked

2112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel finely structured polymer aerogels using organogelators as a structure-directing component. Journal of Materials Chemistry A, 2021, 9, 20695-20702.	10.3	6
2	Hollow $\text{Fe}_2\text{O}_3$ nanofibres for solar water oxidation: improving the photoelectrochemical performance by formation of $\text{Fe}_2\text{O}_3/\text{ITO}$ -composite photoanodes. Journal of Materials Chemistry A, 2016, 4, 18444-18456.	10.3	37
3	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
4	Electrospun Metal Oxide Nanofibres for the Assessment of Catalyst Morphological Stability under Harsh Reaction Conditions. ChemCatChem, 2013, 5, 2621-2626.	3.7	18
5	Electrospun antimony doped tin oxide (ATO) nanofibers as a versatile conducting matrix. Chemical Communications, 2011, 47, 12119.	4.1	13
6	Formation of Inorganic Nanofibers from Preformed $\text{TiO}_2$ Nanoparticles via Electrospinning. Journal of Physical Chemistry C, 2011, 115, 362-372.	3.1	67
7	Controlled Electrochemically-Assisted Deposition of Sol-Gel Biocomposite on Electrospun Platinum Nanofibers. Langmuir, 2011, 27, 7140-7147.	3.5	19
8	Metal-organic framework nanofibers via electrospinning. Chemical Communications, 2011, 47, 442-444.	4.1	203
9	Ionic-Liquid Synthesis Route of $\text{TiO}_2$ (B) Nanoparticles for Functionalized Materials. Chemistry - A European Journal, 2011, 17, 775-779.	3.3	65
10	Exceptional Photocatalytic Activity of Ordered Mesoporous $\text{Bi}_2\text{O}_3$ Thin Films and Electrospun Nanofiber Mats. Chemistry of Materials, 2010, 22, 3079-3085.	6.7	197
11	Novel Nanostructured Photoelectrodes - Electrodeposition of Metal Oxides onto Transparent Conducting Oxide Nanofibers. Materials Research Society Symposia Proceedings, 2009, 1211, 1.	0.1	0
12	Cyclopentadienyl Ruthenium-Nickel Catalysts for Biomimetic Hydrogen Evolution: Electrocatalytic Properties and Mechanistic DFT Studies. Chemistry - A European Journal, 2009, 15, 9350-9364.	3.3	61
13	Does mesoporosity enhance thin film properties? A question of electrode material for electrochromism of $\text{WO}_3$ . Nanoscale, 2009, 1, 266.	5.6	17
14	Mesoporous sandwiches: towards mesoporous multilayer films of crystalline metal oxides. Physical Chemistry Chemical Physics, 2009, 11, 3648.	2.8	12
15	Carbon Nanotubes by Electrospinning with a Polyelectrolyte and Vapor Deposition Polymerization. Nano Letters, 2007, 7, 2470-2474.	9.1	67
16	$\text{V}_2\text{O}_5$ Nanorods on $\text{TiO}_2$ Nanofibers: A New Class of Hierarchical Nanostructures Enabled by Electrospinning and Calcination. Nano Letters, 2006, 6, 1297-1302.	9.1	269