

# Mechthild LÃ¼bke

## List of Publications by Year in descending order

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12  
papers

603  
citations

840776

11  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Solid-State, Foldable, and Rechargeable Zn-Air Batteries Based on Manganese Oxide Grown on Graphene-Coated Carbon Cloth Air Cathode. <i>Advanced Energy Materials</i> , 2017, 7, 1700927.	19.5	138
2	High power nano-Nb <sub>2</sub> O <sub>5</sub> negative electrodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 192, 363-369.	5.2	102
3	Highly pseudocapacitive Nb-doped TiO <sub>2</sub> high power anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22908-22914.	10.3	84
4	Transition-Metal-Doped MnO <sub>2</sub> Nanorods as Bifunctional Catalysts for Efficient Oxygen Reduction and Evolution Reactions. <i>ChemistrySelect</i> , 2018, 3, 2613-2622.	1.5	54
5	VO <sub>2</sub> nano-sheet negative electrodes for lithium-ion batteries. <i>Electrochemistry Communications</i> , 2016, 64, 56-60.	4.7	46
6	High capacity nanocomposite Fe <sub>3</sub> O <sub>4</sub> /Fe anodes for Li-ion batteries. <i>Journal of Power Sources</i> , 2015, 291, 102-107.	7.8	37
7	Evaluating the Potential Benefits of Metal Ion Doping in SnO <sub>2</sub> Negative Electrodes for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2017, 242, 400-407.	5.2	30
8	High-power sodium titanate anodes; a comparison of lithium vs sodium-ion batteries. <i>Journal of Power Sources</i> , 2018, 408, 28-37.	7.8	29
9	High power layered titanate nano-sheets as pseudocapacitive lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2016, 305, 115-121.	7.8	28
10	Mechanistic insights of Li <sup>+</sup> diffusion within doped LiFePO <sub>4</sub> from Muon Spectroscopy. <i>Scientific Reports</i> , 2018, 8, 4114.	3.3	25
11	Nb-doped rutile titanium dioxide nanorods for lithium-ion batteries. <i>Solid State Sciences</i> , 2018, 83, 115-121.	3.2	20
12	High energy lithium ion battery electrode materials; enhanced charge storage via both alloying and insertion processes. <i>Electrochimica Acta</i> , 2017, 231, 247-254.	5.2	10