

# Mechthild LÃ¼bke

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

603  
citations

840776

11  
h-index

1199594

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g-index

12  
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12  
docs citations

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times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transitionâ€Metalâ€Doped $\text{MnO}_2$ Nanorods as Bifunctional Catalysts for Efficient Oxygen Reduction and Evolution Reactions. <i>ChemistrySelect</i> , 2018, 3, 2613-2622.	1.5	54
2	Mechanistic insights of $\text{Li}^+$ diffusion within doped $\text{LiFePO}_4$ from Muon Spectroscopy. <i>Scientific Reports</i> , 2018, 8, 4114.	3.3	25
3	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
4	Nb-doped rutile titanium dioxide nanorods for lithium-ion batteries. <i>Solid State Sciences</i> , 2018, 83, 115-121.	3.2	20
5	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
6	Evaluating the Potential Benefits of Metal Ion Doping in $\text{SnO}_2$ Negative Electrodes for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2017, 242, 400-407.	5.2	30
7	Allâ€Solidâ€State, Foldable, and Rechargeable $\text{Zn}$ -Air Batteries Based on Manganese Oxide Grown on Grapheneâ€Coated Carbon Cloth Air Cathode. <i>Advanced Energy Materials</i> , 2017, 7, 1700927.	19.5	138
8	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
9	High power nano- $\text{Nb}_2\text{O}_5$ negative electrodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016, 192, 363-369.	5.2	102
10	$\text{VO}_2$ nano-sheet negative electrodes for lithium-ion batteries. <i>Electrochemistry Communications</i> , 2016, 64, 56-60.	4.7	46
11	High capacity nanocomposite $\text{Fe}_3\text{O}_4/\text{Fe}$ anodes for Li-ion batteries. <i>Journal of Power Sources</i> , 2015, 291, 102-107.	7.8	37
12	Highly pseudocapacitive Nb-doped $\text{TiO}_2$ high power anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22908-22914.	10.3	84