

# John B Cook

## List of Publications by Year in descending order

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17  
papers

3,549  
citations

567281

15  
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888059

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17  
docs citations

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times ranked

6046  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous MoO <sub>2</sub> thin films for high rate Li <sup>+</sup> storage: Effect of crystallinity and porous structure. <i>Solid State Sciences</i> , 2022, 129, 106890.	3.2	3
2	Revealing the role of the cathode/electrolyte interface on solid-state batteries. <i>Nature Materials</i> , 2021, 20, 1392-1400.	27.5	106
3	Suppression of Electrochemically Driven Phase Transitions in Nanostructured MoS <sub>2</sub> Pseudocapacitors Probed Using <i>in Operando</i> X-ray Diffraction. <i>ACS Nano</i> , 2019, 13, 1223-1231.	14.6	36
4	Deterministic Design of Chemistry and Mesosstructure in Li-Ion Battery Electrodes. <i>ACS Nano</i> , 2018, 12, 3060-3064.	14.6	20
5	Tuning ligament shape in dealloyed nanoporous tin and the impact of nanoscale morphology on its applications in Na-ion alloy battery anodes. <i>Physical Review Materials</i> , 2018, 2, .	2.4	20
6	Using X-ray Microscopy To Understand How Nanoporous Materials Can Be Used To Reduce the Large Volume Change in Alloy Anodes. <i>Nano Letters</i> , 2017, 17, 870-877.	9.1	48
7	Tuning Porosity and Surface Area in Mesoporous Silicon for Application in Li-Ion Battery Electrodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19063-19073.	8.0	48
8	Oxygen vacancies enhance pseudocapacitive charge storage properties of MoO <sub>3</sub> ·x. <i>Nature Materials</i> , 2017, 16, 454-460.	27.5	1,632
9	Nanoporous Tin with a Granular Hierarchical Ligament Morphology as a Highly Stable Li-Ion Battery Anode. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 293-303.	8.0	60
10	Using Nanoscale Domain Size To Control Charge Storage Kinetics in Pseudocapacitive Nanoporous LiMn <sub>2</sub> O <sub>4</sub> Powders. <i>ACS Energy Letters</i> , 2017, 2, 2293-2298.	17.4	51
11	Pseudocapacitive Charge Storage in Thick Composite MoS <sub>2</sub> Nanocrystal-Based Electrodes. <i>Advanced Energy Materials</i> , 2017, 7, 1601283.	19.5	230
12	Mesoporous MoS <sub>2</sub> as a Transition Metal Dichalcogenide Exhibiting Pseudocapacitive Li and Na <sup>+</sup> Ion Charge Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1501937.	19.5	395
13	Mesoporous Ni <sub>60</sub> Fe <sub>30</sub> Mn <sub>10</sub> -alloy based metal/metal oxide composite thick films as highly active and robust oxygen evolution catalysts. <i>Energy and Environmental Science</i> , 2016, 9, 540-549.	30.8	166
14	High Performance Pseudocapacitor Based on 2D Layered Metal Chalcogenide Nanocrystals. <i>Nano Letters</i> , 2015, 15, 1911-1917.	9.1	495
15	The Development of Pseudocapacitive Properties in Nanosized-MoO <sub>2</sub> . <i>Journal of the Electrochemical Society</i> , 2015, 162, A5083-A5090.	2.9	170
16	Surface Chemistry Consequences of Mg-Based Coatings on LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> Electrode Materials upon Operation at High Voltage. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10596-10605.	3.1	53
17	The Effect of Al Substitution on the Chemical and Electrochemical Phase Stability of Orthorhombic LiMnO <sub>2</sub> . <i>Journal of the Electrochemical Society</i> , 2013, 160, A46-A52.	2.9	16