

# Nana Amponsah Kyeremateng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

853  
citations

10  
h-index

15  
g-index

15  
ext. papers

980  
ext. citations

6.8  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
14	Preparation of a Self-Supported SiO <sub>2</sub> Membrane as a Separator for Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , <b>2020</b> , 3, 456-462	5.6	9
13	High-throughput battery materials testing based on test cell arrays and dispense/jet printed electrodes. <i>Microsystem Technologies</i> , <b>2019</b> , 25, 1137-1149	1.7	10
12	Attainable Energy Density of Microbatteries. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 1172-1175	20.1	29
11	Characteristics of Li-ion micro batteries fully batch fabricated by micro-fluidic MEMS packaging. <i>Microsystem Technologies</i> , <b>2018</b> , 1	1.7	3
10	Microsupercapacitors as miniaturized energy-storage components for on-chip electronics. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 7-15	28.7	563
9	Electrophoretic deposition of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> nanoparticles with a novel additive for Li-ion microbatteries. <i>RSC Advances</i> , <b>2015</b> , 5, 61502-61507	3.7	12
8	Realization of an Asymmetric Interdigitated Electrochemical Micro-Capacitor Based on Carbon Nanotubes and Manganese Oxide. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A2016-A2020	3.9	20
7	Self-Organised TiO <sub>2</sub> Nanotubes for 2D or 3D Li-Ion Microbatteries. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1442-1466	4.3	32
6	<sup>119</sup> Sn Mössbauer spectroscopy study of the mechanism of lithium reaction with self-organized Ti <sub>3</sub> Sn <sub>2</sub> O <sub>7</sub> nanotubes. <i>Nanoscale</i> , <b>2014</b> , 6, 7827-31	7.7	5
5	Electrodeposited copolymer electrolyte into nanostructured titania electrodes for 3D Li-ion microbatteries. <i>Comptes Rendus Chimie</i> , <b>2013</b> , 16, 80-88	2.7	13
4	The electrochemical behaviour of TiO <sub>2</sub> nanotubes with Co <sub>3</sub> O <sub>4</sub> or NiO submicron particles: Composite anode materials for Li-ion micro batteries. <i>Electrochimica Acta</i> , <b>2013</b> , 88, 814-820	6.7	46
3	Properties of Sn-doped TiO <sub>2</sub> nanotubes fabricated by anodization of co-sputtered Ti <sub>3</sub> Sn thin films. <i>Electrochimica Acta</i> , <b>2012</b> , 62, 192-198	6.7	33
2	Highly conformal electrodeposition of copolymer electrolytes into titania nanotubes for 3D Li-ion batteries. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 349	5	31
1	Electropolymerization of copolymer electrolyte into titania nanotube electrodes for high-performance 3D microbatteries. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 894-897	5.1	47