

# Justyna Piwek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2854265/publications.pdf>

Version: 2024-02-01

10  
papers

453  
citations

1306789

7  
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1372195

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g-index

10  
all docs

10  
docs citations

10  
times ranked

731  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable materials for electrochemical capacitors. <i>Materials Today</i> , 2018, 21, 437-454.	8.3	255
2	Carbon-based electrochemical capacitors with acetate aqueous electrolytes. <i>Electrochimica Acta</i> , 2016, 215, 179-186.	2.6	57
3	Revisited insights into charge storage mechanisms in electrochemical capacitors with Li <sub>2</sub> SO <sub>4</sub> -based electrolyte. <i>Energy Storage Materials</i> , 2019, 22, 1-14.	9.5	43
4	Ageing mechanisms in electrochemical capacitors with aqueous redox-active electrolytes. <i>Electrochimica Acta</i> , 2019, 311, 211-220.	2.6	30
5	Mechanisms of the performance fading of carbon-based electrochemical capacitors operating in a LiNO <sub>3</sub> electrolyte. <i>Journal of Power Sources</i> , 2019, 438, 227029.	4.0	27
6	Vanadium-oxygen cell for positive electrolyte discharge in dual-circuit vanadium redox flow battery. <i>Journal of Power Sources</i> , 2019, 439, 227075.	4.0	17
7	Electrochemical performance of silicon nanostructures in low-temperature ionic liquids for microelectronic applications. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22708-22716.	5.2	14
8	Enhancing capacitor lifetime by alternate constant polarization. <i>Journal of Power Sources</i> , 2021, 506, 230131.	4.0	7
9	Advanced characterization techniques for electrochemical capacitors. <i>Advances in Inorganic Chemistry</i> , 2022, , 151-207.	0.4	2
10	High frequency response of adenine-derived carbon in aqueous electrochemical capacitor. <i>Electrochimica Acta</i> , 2022, 424, 140649.	2.6	1