

# Carlos R Perez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4075787/publications.pdf>

Version: 2024-02-01

17  
papers

2,608  
citations

759055

12  
h-index

1125617

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

4476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knitted and screen printed carbon-fiber supercapacitors for applications in wearable electronics. Energy and Environmental Science, 2013, 6, 2698.	15.6	494
2	Carbon coated textiles for flexible energy storage. Energy and Environmental Science, 2011, 4, 5060.	15.6	486
3	Effect of pore size and its dispersity on the energy storage in nanoporous supercapacitors. Energy and Environmental Science, 2012, 5, 6474.	15.6	431
4	Capacitive Energy Storage from $\sim 50$ to $100\text{ }^{\circ}\text{C}$ Using an Ionic Liquid Electrolyte. Journal of Physical Chemistry Letters, 2011, 2, 2396-2401.	2.1	361
5	Flexible Nano-felts of Carbide-Derived Carbon with Ultra-high Power Handling Capability. Advanced Energy Materials, 2011, 1, 423-430.	10.2	172
6	Structure and Electrochemical Performance of Carbide-Derived Carbon Nanopowders. Advanced Functional Materials, 2013, 23, 1081-1089.	7.8	165
7	Graphene-like carbide derived carbon for high-power supercapacitors. Nano Energy, 2015, 12, 197-206.	8.2	114
8	Increasing Energy Storage in Electrochemical Capacitors with Ionic Liquid Electrolytes and Nanostructured Carbon Electrodes. Journal of Physical Chemistry Letters, 2013, 4, 2829-2837.	2.1	111
9	High power supercapacitor electrodes based on flexible TiC-CDC nano-felts. Journal of Power Sources, 2012, 201, 368-375.	4.0	93
10	Ordered mesoporous silicon carbide-derived carbon for high-power supercapacitors. Electrochemistry Communications, 2013, 34, 109-112.	2.3	75
11	High rate capacitive performance of single-walled carbon nanotube aerogels. Nano Energy, 2015, 15, 662-669.	8.2	63
12	Correlating magnetotransport and diamagnetism of $s$ - $p$ carbon networks through the metal-insulator transition. Physical Review B, 2011, 84, .	11.27	27
13	Probing local electrochemical activity within yttria-stabilized-zirconia via in situ high-temperature atomic force microscopy. Journal of Materials Research, 2015, 30, 357-363.	1.2	12
14	Bandwidth control in acoustically coupled AlN contour mode MEMS filters. , 2009, , .		4
15	Microwave impedance microscopy of high specific surface area carbon. , 2014, , .		0
16	Electrochemical Sensor of Gas Phase Iodine. ECS Meeting Abstracts, 2019, , .	0.0	0
17	(Invited) Through-Silicon Via Copper Plating and Endpoint Detection. ECS Meeting Abstracts, 2021, MA2021-02, 658-658.	0.0	0