

# Carlos R Perez

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4075787/carlos-r-perez-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

2,294  
citations

12  
h-index

17  
g-index

17  
ext. papers

2,459  
ext. citations

16  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
14	High rate capacitive performance of single-walled carbon nanotube aerogels. <i>Nano Energy</i> , <b>2015</b> , 15, 662-669	17.1	50
13	Probing local electrochemical activity within yttria-stabilized-zirconia via in situ high-temperature atomic force microscopy. <i>Journal of Materials Research</i> , <b>2015</b> , 30, 357-363	2.5	10
12	Graphene-like carbide derived carbon for high-power supercapacitors. <i>Nano Energy</i> , <b>2015</b> , 12, 197-206	17.1	101
11	Structure and Electrochemical Performance of Carbide-Derived Carbon Nanopowders. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 1081-1089	15.6	153
10	Knitted and screen printed carbon-fiber supercapacitors for applications in wearable electronics. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 2698	35.4	430
9	Increasing Energy Storage in Electrochemical Capacitors with Ionic Liquid Electrolytes and Nanostructured Carbon Electrodes. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 2829-2837	6.4	100
8	Ordered mesoporous silicon carbide-derived carbon for high-power supercapacitors. <i>Electrochemistry Communications</i> , <b>2013</b> , 34, 109-112	5.1	65
7	High power supercapacitor electrodes based on flexible TiC-CDC nano-felts. <i>Journal of Power Sources</i> , <b>2012</b> , 201, 368-375	8.9	82
6	Effect of pore size and its dispersity on the energy storage in nanoporous supercapacitors. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 6474	35.4	370
5	Carbon coated textiles for flexible energy storage. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 5060	35.4	438
4	Capacitive Energy Storage from 0 to 100 °C Using an Ionic Liquid Electrolyte. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 2396-2401	6.4	308
3	Flexible Nano-felts of Carbide-Derived Carbon with Ultra-high Power Handling Capability. <i>Advanced Energy Materials</i> , <b>2011</b> , 1, 423-430	21.8	159
2	Correlating magnetotransport and diamagnetism of sp <sup>2</sup> -bonded carbon networks through the metal-insulator transition. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	25
1	Bandwidth control in acoustically coupled AlN contour mode MEMS filters <b>2009</b> ,		3