

Carlos R Perez

List of Publications by Citations

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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

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	Carbon coated textiles for flexible energy storage. <i>Energy and Environmental Science</i> , 2011 , 4, 5060	35.4	438
13	Knitted and screen printed carbon-fiber supercapacitors for applications in wearable electronics. <i>Energy and Environmental Science</i> , 2013 , 6, 2698	35.4	430
12	Effect of pore size and its dispersity on the energy storage in nanoporous supercapacitors. <i>Energy and Environmental Science</i> , 2012 , 5, 6474	35.4	370
11	Capacitive Energy Storage from 80 to 100 °C Using an Ionic Liquid Electrolyte. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 2396-2401	6.4	308
10	Flexible Nano-felts of Carbide-Derived Carbon with Ultra-high Power Handling Capability. <i>Advanced Energy Materials</i> , 2011 , 1, 423-430	21.8	159
9	Structure and Electrochemical Performance of Carbide-Derived Carbon Nanopowders. <i>Advanced Functional Materials</i> , 2013 , 23, 1081-1089	15.6	153
8	Graphene-like carbide derived carbon for high-power supercapacitors. <i>Nano Energy</i> , 2015 , 12, 197-206	17.1	101
7	Increasing Energy Storage in Electrochemical Capacitors with Ionic Liquid Electrolytes and Nanostructured Carbon Electrodes. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2829-2837	6.4	100
6	High power supercapacitor electrodes based on flexible TiC-CDC nano-felts. <i>Journal of Power Sources</i> , 2012 , 201, 368-375	8.9	82
5	Ordered mesoporous silicon carbide-derived carbon for high-power supercapacitors. <i>Electrochemistry Communications</i> , 2013 , 34, 109-112	5.1	65
4	High rate capacitive performance of single-walled carbon nanotube aerogels. <i>Nano Energy</i> , 2015 , 15, 662-669	17.1	50
3	Correlating magnetotransport and diamagnetism of sp ² -bonded carbon networks through the metal-insulator transition. <i>Physical Review B</i> , 2011 , 84,	3.3	25
2	Probing local electrochemical activity within yttria-stabilized-zirconia via in situ high-temperature atomic force microscopy. <i>Journal of Materials Research</i> , 2015 , 30, 357-363	2.5	10
1	Bandwidth control in acoustically coupled AlN contour mode MEMS filters 2009 ,		3