

# Elsa Couderc

## 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

520  
citations

9  
h-index

22  
g-index

40  
ext. papers

567  
ext. citations

27.8  
avg, IF

3.61  
L-index

#	Paper	IF	Citations
14	Conjugated polymers/semiconductor nanocrystals hybrid materials--preparation, electrical transport properties and applications. <i>Nanoscale</i> , <b>2011</b> , 3, 446-89	7.7	236
13	Critical light instability in CB/DIO processed PBDDTTT-EFT:PC 71 BM organic photovoltaic devices. <i>Organic Electronics</i> , <b>2016</b> , 30, 225-236	3.5	72
12	Controlling the Trap State Landscape of Colloidal CdSe Nanocrystals with Cadmium Halide Ligands. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 744-756	9.6	46
11	Chalcogenol ligand toolbox for CdSe nanocrystals and their influence on exciton relaxation pathways. <i>ACS Nano</i> , <b>2014</b> , 8, 2512-21	16.7	41
10	Direct spectroscopic evidence of ultrafast electron transfer from a low band gap polymer to CdSe quantum dots in hybrid photovoltaic thin films. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18418-26	16.4	31
9	Effect of the treatment with (di-)amines and dithiols on the spectroscopic, electrochemical and electrical properties of CdSe nanocrystals thin films. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 11524		24
8	The quasiparticle zoo. <i>Nature Physics</i> , <b>2016</b> , 12, 1085-1089	16.2	22
7	Coherent photo-production in bulk matter at high energies. <i>Physical Review Letters</i> , <b>2009</b> , 103, 062504	7.4	11
6	Charge transport in poly(3-hexylthiophene):CdSe nanocrystals hybrid thin films investigated with time-of-flight measurements. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 133301	3.4	11
5	Analysis of carrier transport in photovoltaic structures of P3HT with CdSe nanocrystals. <i>Applied Surface Science</i> , <b>2015</b> , 334, 169-173	6.7	6
4	Quantifying Charge Recombination in Solar Cells Based on Donor-Acceptor P3HT Analogues. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 6650-6660	3.8	5
3	Couderc and Klein Reply. <i>Physical Review Letters</i> , <b>2009</b> , 103,	7.4	2
2	Deconvoluting contributions of photoexcited species in polymer-quantum dot hybrid photovoltaic materials. <i>Journal of Photonics for Energy</i> , <b>2015</b> , 5, 057404	1.2	1
1	Favourites after five. <i>Nature Energy</i> , <b>2021</b> , 6, 7-12		62.3