David Cohen-Tanugi

List of Publications by Citations

10 papers	2,526 citations	9 h-index	11 g-index
11 ext. papers	2,891 ext. citations	11.5 avg, IF	5.83 L-index

#	Paper	IF	Citations
10	Water desalination across nanoporous graphene. *Nano Letters*, **2012**, 12, 3602-8	11.5	1484
9	Multilayer Nanoporous Graphene Membranes for Water Desalination. *Nano Letters*, **2016**, 16, 1027-33	11.5	242
8	Quantifying the potential of ultra-permeable membranes for water desalination. *Energy and Environmental Science*, **2014**, 7, 1134-1141	35.4	227
7	Mechanical strength of nanoporous graphene as a desalination membrane. *Nano Letters*, **2014**, 14, 6171-8	11.5	175
6	Nanoporous graphene as a reverse osmosis membrane: Recent insights from theory and simulation. *Desalination*, **2015**, 366, 59-70	10.3	165
5	Water permeability of nanoporous graphene at realistic pressures for reverse osmosis desalination. *Journal of Chemical Physics*, **2014**, 141, 074704	3.9	138
4	Superior imaging resolution in scanning helium-ion microscopy: A look at beam-sample interactions. *Journal of Applied Physics*, **2008**, 104, 063504	2.5	52
3	Evaluating the comfort of thermally dynamic wearable devices. *Building and Environment*, **2020**, 167, 106443	6.5	19
2	Ultralow superharmonic resonance for functional nanowires. *Nano Letters*, **2010**, 10, 852-9	11.5	17
1	Novel nanomaterials for water desalination technology **2013**,		5