

Sean R German

List of Publications by Year in Descending Order

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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.

16
papers

818
citations

15
h-index

16
g-index

16
ext. papers

956
ext. citations

9
avg, IF

4.29
L-index

#	Paper	IF	Citations
16	Critical Nuclei Size, Rate, and Activation Energy of H Gas Nucleation. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4047-4053	16.4	67
15	The Nucleation Rate of Single O Nanobubbles at Pt Nanoelectrodes. <i>Langmuir</i> , 2018 , 34, 7309-7318	4	35
14	The Dynamic Steady State of an Electrochemically Generated Nanobubble. <i>Langmuir</i> , 2017 , 33, 1845-1853	3.8	32
13	Nanopipettes as a tool for single nanoparticle electrochemistry. <i>Current Opinion in Electrochemistry</i> , 2017 , 6, 4-9	7.2	22
12	Electrochemical Generation of Individual O Nanobubbles via HO Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2450-2454	6.4	57
11	Electrochemistry of single nanobubbles. Estimating the critical size of bubble-forming nuclei for gas-evolving electrode reactions. <i>Faraday Discussions</i> , 2016 , 193, 223-240	3.6	53
10	Electrochemical Measurement of Hydrogen and Nitrogen Nanobubble Lifetimes at Pt Nanoelectrodes. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H3160-H3166	3.9	35
9	Multipass Resistive-Pulse Observations of the Rotational Tumbling of Individual Nanorods. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 20781-20788	3.8	12
8	Laplace Pressure of Individual H Nanobubbles from Pressure-Addition Electrochemistry. <i>Nano Letters</i> , 2016 , 16, 6691-6694	11.5	39
7	Phase State of Interfacial Nanobubbles. <i>Journal of Physical Chemistry C</i> , 2015 , 150615070529004	3.8	35
6	Sizing Individual Au Nanoparticles in Solution with Sub-Nanometer Resolution. <i>ACS Nano</i> , 2015 , 9, 7186-7197	16.7	44
5	Electrochemical Nucleation of Stable N ₂ Nanobubbles at Pt Nanoelectrodes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12064-9	16.4	87
4	High-Speed Multipass Coulter Counter with Ultrahigh Resolution. <i>ACS Nano</i> , 2015 , 9, 12274-82	16.7	43
3	Resistive-pulse analysis of nanoparticles. <i>Annual Review of Analytical Chemistry</i> , 2014 , 7, 513-35	12.5	115
2	Interfacial nanobubbles are leaky: permeability of the gas/water interface. <i>ACS Nano</i> , 2014 , 8, 6193-201	16.7	68
1	Controlling Nanoparticle Dynamics in Conical Nanopores. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 7033-71	16.7	74