

Wenqing Shi

List of Publications by Year in descending order

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14
papers

765
citations

840776

11
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1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanopore Sensing. <i>Analytical Chemistry</i> , 2017, 89, 157-188.	6.5	344
2	Rectification of Ion Current in Nanopipettes by External Substrates. <i>ACS Nano</i> , 2013, 7, 11272-11282.	14.6	111
3	Mapping Microscale Chemical Heterogeneity in Nafion Membranes with X-ray Photoelectron Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2018, 165, H733-H741.	2.9	90
4	Rectification of nanopores in aprotic solvents â€“ transport properties of nanopores with surface dipoles. <i>Nanoscale</i> , 2015, 7, 19080-19091.	5.6	40
5	Nanopipette delivery: influence of surface charge. <i>Analyst, The</i> , 2015, 140, 4835-4842.	3.5	33
6	Imaging heterogeneity and transport of degraded Nafion membranes. <i>RSC Advances</i> , 2015, 5, 99284-99290.	3.6	30
7	Ion Channel Probes for Scanning Ion Conductance Microscopy. <i>Langmuir</i> , 2014, 30, 15351-15355.	3.5	24
8	Characterization of Membrane Patchâ€“Ion Channel Probes for Scanning Ion Conductance Microscopy. <i>Small</i> , 2018, 14, e1702945.	10.0	23
9	Membrane patches as ion channel probes for scanning ion conductance microscopy. <i>Faraday Discussions</i> , 2016, 193, 81-97.	3.2	22
10	Monitoring dynamic spiculation in red blood cells with scanning ion conductance microscopy. <i>Analyst, The</i> , 2018, 143, 1087-1093.	3.5	18
11	Scanning Electro Spray Microscopy with Nanopipets. <i>Analytical Chemistry</i> , 2015, 87, 11182-11186.	6.5	13
12	Imaging with Ion Channels. <i>Analytical Chemistry</i> , 2021, 93, 5355-5359.	6.5	8
13	Alternating Current Potentiometric Scanning Ion Conductance Microscopy (AC-PSICM). <i>Journal of Physical Chemistry C</i> , 2015, 119, 14392-14399.	3.1	7
14	Electrochemical Applications of Scanning Ion Conductance Microscopy. <i>Electroanalytical Chemistry, A Series of Advances</i> , 2015, , 73-114.	1.7	2