

# Lushan Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4994158/publications.pdf>

Version: 2024-02-01

12  
papers

218  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potentiometric-Scanning Ion Conductance Microscopy. <i>Langmuir</i> , 2014, 30, 5669-5675.	3.5	33
2	Quantitative Visualization of Nanoscale Ion Transport. <i>Analytical Chemistry</i> , 2017, 89, 13603-13609.	6.5	28
3	Mapping Surface Charge of Individual Microdomains with Scanning Ion Conductance Microscopy. <i>ChemElectroChem</i> , 2018, 5, 2986-2990.	3.4	28
4	Capturing Rare Conductance in Epithelia with Potentiometric-Scanning Ion Conductance Microscopy. <i>Analytical Chemistry</i> , 2016, 88, 9630-9637.	6.5	26
5	Membrane patches as ion channel probes for scanning ion conductance microscopy. <i>Faraday Discussions</i> , 2016, 193, 81-97.	3.2	22
6	Viral interactions with the blood-brain barrier: old dog, new tricks. <i>Tissue Barriers</i> , 2016, 4, e1142492.	3.2	20
7	Free Radical Reactions in Two Dimensions: A Case Study on Photochlorination of Graphene. <i>Small</i> , 2013, 9, 1388-1396.	10.0	19
8	Potentiometric-scanning ion conductance microscopy for measurement at tight junctions. <i>Tissue Barriers</i> , 2013, 1, e25585.	3.2	16
9	Imaging effects of hyperosmolality on individual tricellular junctions. <i>Chemical Science</i> , 2020, 11, 1307-1315.	7.4	12
10	A proposed route to independent measurements of tight junction conductance at discrete cell junctions. <i>Tissue Barriers</i> , 2015, 3, e1105907.	3.2	8
11	Surface Charge Measurements with Scanning Ion Conductance Microscopy Provide Insights into Nitrous Acid Speciation at the Kaolin Mineral-Air Interface. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12233-12242.	10.0	6
12	The 2017 Edward G. Weston Summer Research Fellowship " Summary Report: Mapping Nanoscale Ion Transport. <i>Electrochemical Society Interface</i> , 2017, 26, 90-91.	0.4	0