

# Xiang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1451394/publications.pdf>

Version: 2024-02-01

14  
papers

839  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow-Channel Paper Analytical Devices. <i>Analytical Chemistry</i> , 2013, 85, 7976-7979.	6.5	159
2	Detection of Hepatitis B Virus DNA with a Paper Electrochemical Sensor. <i>Analytical Chemistry</i> , 2015, 87, 9009-9015.	6.5	150
3	Single Molecule Protein Detection with Attomolar Sensitivity Using Droplet Digital Enzyme-Linked Immunosorbent Assay. <i>ACS Nano</i> , 2020, 14, 9491-9501.	14.6	138
4	Paper-Based SlipPAD for High-Throughput Chemical Sensing. <i>Analytical Chemistry</i> , 2013, 85, 4263-4267.	6.5	92
5	Low-Voltage Origami-Paper-Based Electrophoretic Device for Rapid Protein Separation. <i>Analytical Chemistry</i> , 2014, 86, 12390-12397.	6.5	72
6	Low-voltage paper isotachopheresis device for DNA focusing. <i>Lab on A Chip</i> , 2015, 15, 4090-4098.	6.0	54
7	Greatly improved catalytic activity and direct electron transfer rate of cytochrome C due to the confinement effect in a layered self-assembly structure. <i>Chemical Communications</i> , 2012, 48, 2316.	4.1	40
8	Single-Molecule Analysis Determines Isozymes of Human Alkaline Phosphatase in Serum. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18010-18015.	13.8	36
9	Faradaic Ion Concentration Polarization on a Paper Fluidic Platform. <i>Analytical Chemistry</i> , 2017, 89, 4294-4300.	6.5	31
10	Single-Molecule Mechanistic Study of Enzyme Hysteresis. <i>ACS Central Science</i> , 2019, 5, 1691-1698.	11.3	23
11	Ultrasensitive Single-Molecule Enzyme Detection and Analysis Using a Polymer Microarray. <i>Analytical Chemistry</i> , 2018, 90, 3091-3098.	6.5	18
12	Bottom-up single-molecule strategy for understanding subunit function of tetrameric $\beta$ -galactosidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8346-8351.	7.1	14
13	Manipulation of Intraparticle Charge Delocalization by Selective Complexation of Transition-Metal Ions with Histidine Moieties. <i>Analytical Chemistry</i> , 2012, 84, 2025-2030.	6.5	9
14	Single-Molecule Analysis Determines Isozymes of Human Alkaline Phosphatase in Serum. <i>Angewandte Chemie</i> , 2020, 132, 18166-18171.	2.0	3