

# Aruna B Wijeratne

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

587  
citations

687363

13  
h-index

642732

23  
g-index

24  
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24  
docs citations

24  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attractylenolide I enhances responsiveness to immune checkpoint blockade therapy by activating tumor antigen presentation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	83
2	A Fundamental Study on Electrowetting by Traditional and Multifunctional Ionic Liquids: Possible Use in Electrowetting on Dielectric-Based Microfluidic Applications. <i>Analytical Chemistry</i> , 2008, 80, 7690-7698.	6.5	77
3	Trigonal Tricationic Ionic Liquids: Molecular Engineering of Trications to Control Physicochemical Properties. <i>Chemistry of Materials</i> , 2008, 20, 4182-4184.	6.7	61
4	Endoplasmic reticulum stress alters ryanodine receptor function in the murine pancreatic $\hat{I}^2$ cell. <i>Journal of Biological Chemistry</i> , 2019, 294, 168-181.	3.4	57
5	Dynamic Solvation in Phosphonium Ionic Liquids: Comparison of Bulk and Micellar Systems and Considerations for the Construction of the Solvation Correlation Function, <i>Journal of Physical Chemistry B</i> , 2008, 112, 3390-3396.	2.6	48
6	Influence of Chiral Ionic Liquids on Stereoselective Fluorescence Quenching by Photoinduced Electron Transfer in a Naproxen Dyad. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10825-10829.	2.6	28
7	Manipulation of Protein Charge States through Continuous Flow-Extractive Desorption Electrospray Ionization: A New Ambient Ionization Technique. <i>Analytical Chemistry</i> , 2011, 83, 643-647.	6.5	27
8	Tumor collection/processing under physioxia uncovers highly relevant signaling networks and drug sensitivity. <i>Science Advances</i> , 2022, 8, eabh3375.	10.3	27
9	Phosphopeptide Separation Using Radially Aligned Titania Nanotubes on Titanium Wire. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 11155-11164.	8.0	25
10	Mutant thermal proteome profiling for characterization of missense protein variants and their associated phenotypes within the proteome. <i>Journal of Biological Chemistry</i> , 2020, 295, 16219-16238.	3.4	23
11	Influence of Chiral Ionic Liquids on the Excited-State Properties of Naproxen Analogs. <i>Journal of Physical Chemistry B</i> , 2008, 112, 7555-7559.	2.6	19
12	Molecular recognition properties of tartrates and metal tartrates in solution and gas phase. <i>Journal of Separation Science</i> , 2009, 32, 1537-1547.	2.5	18
13	Boosting Detection of Low-Abundance Proteins in Thermal Proteome Profiling Experiments by Addition of an Isobaric Trigger Channel to TMT Multiplexes. <i>Analytical Chemistry</i> , 2021, 93, 7000-7010.	6.5	15
14	Ubiquitination and degradation of SUMO1 by small-molecule degraders extends survival of mice with patient-derived tumors. <i>Science Translational Medicine</i> , 2021, 13, eabh1486.	12.4	14
15	Quantitative Phosphoproteomics Using Acetone-Based Peptide Labeling: Method Evaluation and Application to a Cardiac Ischemia/Reperfusion Model. <i>Journal of Proteome Research</i> , 2013, 12, 4268-4279.	3.7	13
16	Antimony(III)-D,L-tartrates exhibit proton-assisted enantioselective binding in solution and in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 2100-2105.	2.8	11
17	Infect: Optimizing Computational Workflows for Thermal Proteome Profiling Data Analysis. <i>Journal of Proteome Research</i> , 2021, 20, 1874-1888.	3.7	11
18	Affinity Mesh Screen Materials for Selective Extraction and Analysis of Antibiotics Using Transmission Mode Desorption Electrospray Ionization Mass Spectrometry. <i>Langmuir</i> , 2013, 29, 8046-8053.	3.5	9

#	ARTICLE	IF	CITATIONS
19	New structural insight for antimony(III)-tartrate. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1504-1508.	3.9	7
20	Solvent Molecules Undergo Homolytic Cleavage and Radical Recombination Processes during Negative-Mode Electrospray Ionization: Adduct Formation with Antimony(III)-Tartrate Dianion. <i>Analytical Chemistry</i> , 2010, 82, 5141-5146.	6.5	6
21	ESI-MS investigation of solvent effects on the chiral recognition capacity of tartar emetic towards neutral side-chain amino acids. <i>Chirality</i> , 2011, 23, 44-53.	2.6	4
22	Phosphoproteomic analysis identifies phospho-Threonine-17 site of phospholamban important in low molecular weight isoform of fibroblast growth factor 2-induced protection against post-ischemic cardiac dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 148, 1-14.	1.9	2
23	Reversed Phase Liquid Chromatography Hyphenated to Continuous Flow-Extractive Desorption Electrospray Ionization-Mass Spectrometry for Analysis and Charge State Manipulation of Undigested Proteins. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 361-368.	1.0	1