

# Prabha Dwivedi

## List of Publications by Year in descending order

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32  
papers

3,029  
citations

331670

21  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion mobility mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1-22.	1.6	1,014
2	Mass Spectrometry: Recent Advances in Direct Open Air Surface Sampling/Ionization. <i>Chemical Reviews</i> , 2013, 113, 2269-2308.	47.7	434
3	Gas-Phase Chiral Separations by Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 8200-8206.	6.5	246
4	Rapid resolution of carbohydrate isomers by electrospray ionization ambient pressure ion mobility spectrometry-time-of-flight mass spectrometry (ESI-APIMS-TOFMS). <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1163-1175.	2.8	160
5	Separation of sodiated isobaric disaccharides and trisaccharides using electrospray ionization-atmospheric pressure ion mobility-time of flight mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 660-669.	2.8	158
6	Metabolic profiling of human blood by high-resolution ion mobility mass spectrometry (IM-MS). <i>International Journal of Mass Spectrometry</i> , 2010, 298, 78-90.	1.5	146
7	Metabolic profiling by ion mobility mass spectrometry (IMMS). <i>Metabolomics</i> , 2008, 4, 63-80.	3.0	139
8	Ion Mobility Spectrometry: Ion Source Development and Applications in Physical and Biological Sciences. <i>IEEE Transactions on Plasma Science</i> , 2008, 36, 1458-1470.	1.3	62
9	Monitoring Dynamic Changes in Lymph Metabolome of Fasting and Fed Rats by Electrospray Ionization-Ion Mobility Mass Spectrometry (ESI-IMMS). <i>Analytical Chemistry</i> , 2009, 81, 7944-7953.	6.5	59
10	Characterization of a distributed plasma ionization source (DPIS) for ion mobility spectrometry and mass spectrometry. <i>Talanta</i> , 2008, 77, 249-255.	5.5	54
11	Falsified medicines in Africa: all talk, no action. <i>The Lancet Global Health</i> , 2014, 2, e509-e510.	6.3	48
12	High-Pressure Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 3270-3275.	6.5	45
13	Electrospray ionization-ion mobility spectrometry: a rapid analytical method for aqueous nitrate and nitrite analysis. <i>Analyst</i> , 2004, 129, 139.	3.5	43
14	Metabolic profiling of <i>Escherichia coli</i> by ion mobility mass spectrometry with MALDI ion source. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1383-1393.	1.6	43
15	Resistive Glass IM-TOFMS. <i>Analytical Chemistry</i> , 2010, 82, 9336-9343.	6.5	41
16	Impact of enzymatic hydrolysis on the quantification of total urinary concentrations of chemical biomarkers. <i>Chemosphere</i> , 2018, 199, 256-262.	8.2	39
17	A Repeat Random Survey of the Prevalence of Falsified and Substandard Antimalarials in the Lao PDR: A Change for the Better. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 95-104.	1.4	35
18	Quality of Artemisinin-Based Combination Formulations for Malaria Treatment: Prevalence and Risk Factors for Poor Quality Medicines in Public Facilities and Private Sector Drug Outlets in Enugu, Nigeria. <i>PLoS ONE</i> , 2015, 10, e0125577.	2.5	34

#	ARTICLE	IF	CITATIONS
19	Desorption atmospheric pressure photoionization and direct analysis in real time coupled with travelling wave ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2325-2336.	1.5	33
20	Quality of Antimalarials at the Epicenter of Antimalarial Drug Resistance: Results from an Overt and Mystery Client Survey in Cambodia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 39-50.	1.4	33
21	Ambient mass spectrometry technologies for the detection of falsified drugs. <i>MedChemComm</i> , 2014, 5, 9-19.	3.4	28
22	Ion mobility and liquid chromatography/mass spectrometry strategies for exhaled breath condensate glucose quantitation in cystic fibrosis studies. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2263-2271.	1.5	21
23	An Effective Approach for Coupling Direct Analysis in Real Time with Atmospheric Pressure Drift Tube Ion Mobility Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1538-1548.	2.8	19
24	A rapid analytical method for hair analysis using ambient pressure ion mobility mass spectrometry with electrospray ionization (ESI-IMMS). <i>International Journal for Ion Mobility Spectrometry</i> , 2008, 11, 61-69.	1.4	16
25	Electro-Thermal Vaporization Direct Analysis in Real Time-Mass Spectrometry for Water Contaminant Analysis during Space Missions. <i>Analytical Chemistry</i> , 2013, 85, 9898-9906.	6.5	16
26	Prevalence of substandard and falsified artemisinin-based combination antimalarial medicines on Bioko Island, Equatorial Guinea. <i>BMJ Global Health</i> , 2017, 2, e000409.	4.7	13
27	A Tiered Analytical Approach for Investigating Poor Quality Emergency Contraceptives. <i>PLoS ONE</i> , 2014, 9, e95353.	2.5	12
28	Electrothermal Vaporization Sample Introduction for Spaceflight Water Quality Monitoring via Gas Chromatography-Differential Mobility Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 5981-5988.	6.5	11
29	Microplasma Ionization of Volatile Organics for Improving Air/Water Monitoring Systems On-Board the International Space Station. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1203-1210.	2.8	10
30	Plasma-Spray Ionization (PLASI): A Multimodal Atmospheric Pressure Ion Source for Liquid Stream Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1788-1793.	2.8	7
31	High throughput quantitation of artesunate and its degradation products by flow injection gradient ratio standard addition mass spectrometry (FI-GRSA-MS). <i>Analytical Methods</i> , 2012, 4, 3392.	2.7	5
32	Monitoring dynamic changes in lymph metabolome of fasting and fed rats by matrix-assisted laser desorption/ionization-ion mobility mass spectrometry (MALDI-IMMS). <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 177-184.	1.4	5