

# Deepak Bhandari

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,334  
citations

566801

15  
h-index

360668

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Cutoff Concentration of Urinary Cyanoethyl Mercapturic Acid for Differentiating Cigarette Smokers From Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2022, 24, 761-767.	1.4	7
2	Cigarette smoking is associated with acrylamide exposure among the U.S. population: NHANES 2011â€“2016. <i>Environmental Research</i> , 2022, 209, 112774.	3.7	8
3	Geometric Mean Serum Cotinine Concentrations Confirm a Continued Decline in Secondhand Smoke Exposure among U.S. Nonsmokersâ€“NHANES 2003 to 2018. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5862.	1.2	2
4	Large Differences in Urinary Benzene Metabolite S-Phenylmercapturic Acid Quantitation: A Comparison of Five LCâ€“MS-MS Methods. <i>Journal of Analytical Toxicology</i> , 2021, 45, 657-665.	1.7	6
5	Tobacco-Specific Nitrosamines (NNAL, NNN, NAT, and NAB) Exposures in the US Population Assessment of Tobacco and Health (PATH) Study Wave 1 (2013â€“2014). <i>Nicotine and Tobacco Research</i> , 2021, 23, 573-583.	1.4	30
6	Examination of xylene exposure in the U.S. Population through biomonitoring: NHANES 2005â€“2006, 2011â€“2016. <i>Biomarkers</i> , 2021, 26, 65-73.	0.9	4
7	Characterization of US population levels of urinary methylcarbamoyl mercapturic acid, a metabolite of N,N-dimethylformamide and methyl isocyanate, in the National Health and Nutrition Examination Survey (NHANES) 2005â€“2006 and 2011â€“2016. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16781-16791.	2.7	3
8	Urinary Cotinine and Cotinine + Trans-3â€“Hydroxycotinine (TNE-2) Cut-points for Distinguishing Tobacco Use from Nonuse in the United States: PATH Study (2013â€“2014). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1175-1184.	1.1	13
9	Exposure to 1,3-Butadiene in the U.S. Population: National Health and Nutrition Examination Survey 2011â€“2016. <i>Biomarkers</i> , 2021, 26, 371-383.	0.9	8
10	Harmonization of acronyms for volatile organic compound metabolites using a standardized naming system. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 235, 113749.	2.1	11
11	Biomonitoring of volatile organic compounds (VOCs) among hairdressers in salons primarily serving women of color: A pilot study. <i>Environment International</i> , 2021, 154, 106655.	4.8	17
12	Characterization of the association between cigarette smoking intensity and urinary concentrations of 2-hydroxyethyl mercapturic acid among exclusive cigarette smokers in the National Health and Nutrition Examination Survey (NHANES) 2011â€“2016. <i>Biomarkers</i> , 2021, 26, 656-664.	0.9	1
13	Characterization of acrylonitrile exposure in the United States based on urinary n-acetyl-S-(2-cyanoethyl)-l-cysteine (2CYEMA): NHANES 2011â€“2016. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 377-385.	1.8	9
14	Urinary Biomarkers of Exposure to Volatile Organic Compounds from the Population Assessment of Tobacco and Health Study Wave 1 (2013â€“2014). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5408.	1.2	29
15	Urinary Acrylonitrile Metabolite Concentrations Before and after Smoked, Vaporized, and Oral Cannabis in Frequent and Occasional Cannabis Users. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6438.	1.2	5
16	Opiate and Tobacco Use and Exposure to Carcinogens and Toxicants in the Golestan Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 650-658.	1.1	23
17	Isoprene Exposure in the United States Based on Urinary IPM3: NHANES 2015â€“2016. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2370-2378.	4.6	12
18	Development of a UPLC-ESI-MS/MS method to measure urinary metabolites of selected VOCs: Benzene, cyanide, furfural, furfuryl alcohol, 5-hydroxymethylfurfural, and N-methyl-2-pyrrolidone. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121746.	1.2	14

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19	Nitromethane Exposure from Tobacco Smoke and Diet in the U.S. Population: NHANES, 2007â€“2012. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2134-2140.	4.6	13
20	Ethylbenzene and styrene exposure in the United States based on urinary mandelic acid and phenylglyoxylic acid: NHANES 2005â€“2006 and 2011â€“2012. <i>Environmental Research</i> , 2019, 171, 101-110.	3.7	29
21	Multiple Ion Transition Summation of Isotopologues for Improved Mass Spectrometric Detection of N-Acetyl-S-(1,2-dichlorovinyl)-L-cysteine. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1213-1219.	1.2	3
22	Urinary Biomarkers of Carcinogenic Exposure among Cigarette, Waterpipe, and Smokeless Tobacco Users and Never Users of Tobacco in the Golestan Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 337-347.	1.1	34
23	UPLC-ESI-MS/MS method for the quantitative measurement of aliphatic diamines, trimethylamine N-oxide, and Î²-methylamino-L-alanine in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 86-92.	1.2	12
24	Crotonaldehyde exposure in U.S. tobacco smokers and nonsmokers: NHANES 2005â€“2006 and 2011â€“2012. <i>Environmental Research</i> , 2018, 163, 1-9.	3.7	29
25	Comparison of Nicotine and Toxicant Exposure in Users of Electronic Cigarettes and Combustible Cigarettes. <i>JAMA Network Open</i> , 2018, 1, e185937.	2.8	361
26	Mainstream Smoke Levels of Volatile Organic Compounds in 50 U.S. Domestic Cigarette Brands Smoked With the ISO and Canadian Intense Protocols. <i>Nicotine and Tobacco Research</i> , 2016, 18, 1886-1894.	1.4	79
27	Isotope Dilution UPLC-APCI-MS/MS Method for the Quantitative Measurement of Aromatic Diamines in Human Urine: Biomarkers of Diisocyanate Exposure. <i>Analytical Chemistry</i> , 2016, 88, 10687-10692.	3.2	14
28	Measuring urinary N-acetyl-S-(4-hydroxy-2-methyl-2-buten-1-yl)-L-cysteine (IPMA3) as a potential biomarker of isoprene exposure. <i>Analytica Chimica Acta</i> , 2016, 941, 61-66.	2.6	11
29	Urinary concentrations of PAH and VOC metabolites in marijuana users. <i>Environment International</i> , 2016, 88, 1-8.	4.8	51
30	Rapid quantitation of ascorbic and folic acids in SRM 3280 multivitamin/multielement tablets using flowâ€“injection tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 163-168.	0.7	8
31	Evaluation of Flow-Injection Tandem Mass Spectrometry for Rapid and High-Throughput Quantitative Determination of B Vitamins in Nutritional Supplements. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8356-8362.	2.4	15
32	Simultaneous analysis of 28 urinary VOC metabolites using ultra high performance liquid chromatography coupled with electrospray ionization tandem mass spectrometry (UPLC-ESI/MSMS). <i>Analytica Chimica Acta</i> , 2012, 750, 152-160.	2.6	217
33	Nanotransfer Printing Using Plasma Etched Silicon Stamps and Mediated by in Situ Deposited Fluoropolymer. <i>Journal of the American Chemical Society</i> , 2011, 133, 7722-7724.	6.6	12
34	Evaluation of direct analysis in real time mass spectrometry for onsite monitoring of batch slurry reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3575-3580.	0.7	18
35	Stamping plasmonic nanoarrays on SERSâ€“supporting platforms. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1916-1924.	1.2	13
36	Liquid chromatography/dopant-assisted atmospheric pressure chemical ionization mass spectrometry for the analysis of non-polar compounds. <i>International Journal of Mass Spectrometry</i> , 2011, 303, 173-180.	0.7	17

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37	Nanofabrication of Disc on Pillar Substrates for Surface Enhanced Raman Spectroscopy. , 2010, , .		0
38	Ionization Mechanism of Positive-Ion Direct Analysis in Real Time: A Transient Microenvironment Concept. Analytical Chemistry, 2009, 81, 10080-10088.	3.2	121
39	Dual Function Surface-Enhanced Raman Active Extractor for the Detection of Environmental Contaminants. Applied Spectroscopy, 2009, 63, 571-578.	1.2	21
40	Characterization and Detection of Uranyl Ion Sorption on Silver Surfaces Using Surface Enhanced Raman Spectroscopy. Analytical Chemistry, 2009, 81, 8061-8067.	3.2	53
41	Mitigating Matrix Effects in LC-ESI-MS/MS Analysis of a Urinary Biomarker of Xylenes Exposure. Journal of Analytical Toxicology, 0, , .	1.7	1