

# John T Bernert

## List of Publications by Year in descending order

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74  
papers

6,558  
citations

71102

41  
h-index

76900

74  
g-index

74  
all docs

74  
docs citations

74  
times ranked

7074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorinated hydrocarbon levels in human serum: Effects of fasting and feeding. Archives of Environmental Contamination and Toxicology, 1989, 18, 495-500.	4.1	763
2	Optimal Serum Cotinine Levels for Distinguishing Cigarette Smokers and Nonsmokers Within Different Racial/Ethnic Groups in the United States Between 1999 and 2004. American Journal of Epidemiology, 2009, 169, 236-248.	3.4	544
3	Biochemical Verification of Tobacco Use and Abstinence: 2019 Update. Nicotine and Tobacco Research, 2020, 22, 1086-1097.	2.6	325
4	Development and validation of sensitive method for determination of serum cotinine in smokers and nonsmokers by liquid chromatography/atmospheric pressure ionization tandem mass spectrometry. Clinical Chemistry, 1997, 43, 2281-2291.	3.2	312
5	Variability and Predictors of Urinary Bisphenol A Concentrations during Pregnancy. Environmental Health Perspectives, 2011, 119, 131-137.	6.0	306
6	Trends in the Exposure of Nonsmokers in the U.S. Population to Secondhand Smoke: 1988-2002. Environmental Health Perspectives, 2006, 114, 853-858.	6.0	282
7	Estimates of Nondisclosure of Cigarette Smoking Among Pregnant and Nonpregnant Women of Reproductive Age in the United States. American Journal of Epidemiology, 2011, 173, 355-359.	3.4	230
8	The estimation of total serum lipids by a completely enzymatic "summation" method. Clinica Chimica Acta, 1989, 184, 219-226.	1.1	206
9	Calculation of serum "total lipid" concentrations for the adjustment of persistent organohalogen toxicant measurements in human samples. Chemosphere, 2007, 68, 824-831.	8.2	205
10	Assessing secondhand smoke using biological markers. Tobacco Control, 2013, 22, 164-171.	3.2	200
11	Serum Fatty Acids and the Risk of Coronary Heart Disease. American Journal of Epidemiology, 1995, 142, 469-476.	3.4	174
12	Comparison of Serum and Salivary Cotinine Measurements by a Sensitive High-Performance Liquid Chromatography-Tandem Mass Spectrometry Method as an Indicator of Exposure to Tobacco Smoke Among Smokers and Nonsmokers*. Journal of Analytical Toxicology, 2000, 24, 333-339.	2.8	167
13	Environmental Tobacco Smoke and Pregnancy Outcome. Epidemiology, 2004, 15, 660-670.	2.7	143
14	A Randomized Trial of Air Cleaners and a Health Coach to Improve Indoor Air Quality for Inner-City Children With Asthma and Secondhand Smoke Exposure. JAMA Pediatrics, 2011, 165, 741.	3.0	141
15	CHEMICAL CORRELATES OF PATHOGENICITY OF OILS RELATED TO THE TOXIC OIL SYNDROME EPIDEMIC IN SPAIN. American Journal of Epidemiology, 1988, 127, 1210-1227.	3.4	121
16	Serum Fatty Acids and the Risk of Stroke. Stroke, 1995, 26, 778-782.	2.0	119
17	Molecular evidence of an interaction between prenatal environmental exposures and birth outcomes in a multiethnic population.. Environmental Health Perspectives, 2004, 112, 626-630.	6.0	116
18	Analysis of the Tobacco-Specific Nitrosamine 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol in Urine by Extraction on a Molecularly Imprinted Polymer Column and Liquid Chromatography/Atmospheric Pressure Ionization Tandem Mass Spectrometry. Analytical Chemistry, 2005, 77, 7639-7645.	6.5	101

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19	Biomarkers of exposure to new and emerging tobacco delivery products. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L425-L452.	2.9	95
20	Carcinogen Exposure during Short-term Switching from Regular to "Light" Cigarettes. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1376-1383.	2.5	88
21	Simultaneous Determination of Multiple Drugs of Abuse and Relevant Metabolites in Urine by LC-MS-MS. Journal of Analytical Toxicology, 2007, 31, 359-368.	2.8	84
22	Exposure to Environmental Tobacco Smoke in Pregnant Women: The Association between Self-Report and Serum Cotinine. Environmental Research, 2002, 90, 21-32.	7.5	81
23	Sequelae of Severe Respiratory Syncytial Virus Infection in Infancy and Early Childhood Among Alaska Native Children. Pediatrics, 2003, 112, 285-290.	2.1	78
24	Measuring secondhand smoke exposure in babies: The reliability and validity of mother reports in a sample of low-income families.. Health Psychology, 2000, 19, 232-241.	1.6	72
25	Changes in Nicotine Intake and Cigarette Use Over Time in Two Nationally Representative Cross-Sectional Samples of Smokers. American Journal of Epidemiology, 2006, 164, 750-759.	3.4	70
26	Interlaboratory comparability of serum cotinine measurements at smoker and nonsmoker concentration levels: A round-robin study. Nicotine and Tobacco Research, 2009, 11, 1458-1466.	2.6	65
27	High levels of transdermal nicotine exposure produce green tobacco sickness in Latino farmworkers. Nicotine and Tobacco Research, 2003, 5, 315-321.	2.6	64
28	Serum Fatty Acids and Blood Pressure. Hypertension, 1996, 27, 303-307.	2.7	64
29	Household Smoking Behavior: Effects on Indoor Air Quality and Health of Urban Children with Asthma. Maternal and Child Health Journal, 2011, 15, 460-468.	1.5	59
30	Tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in smokers in the united states: NHANES 2007-2008. Biomarkers, 2011, 16, 112-119.	1.9	59
31	Use of Cotinine Immunoassay Test Strips for Preclassifying Urine Samples from Smokers and Nonsmokers Prior to Analysis by LC-MS-MS*. Journal of Analytical Toxicology, 2005, 29, 814-818.	2.8	58
32	Urine Concentrations of a Tobacco-Specific Nitrosamine Carcinogen in the U.S. Population from Secondhand Smoke Exposure. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 2969-2977.	2.5	54
33	Measuring Secondhand Smoke Exposure in Children: An Ecological Measurement Approach. Journal of Pediatric Psychology, 2007, 33, 156-175.	2.1	52
34	Assessment of the Relation between Biomarkers for Smoking and Biomarkers for Acrylamide Exposure in Humans. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2471-2478.	2.5	52
35	Validation of a LC-MS/MS Method for Quantifying Urinary Nicotine, Six Nicotine Metabolites and the Minor Tobacco Alkaloids Anatabine and Anabasine in Smokers' Urine. PLoS ONE, 2014, 9, e101816.	2.5	52
36	Analysis of Benzoylcgonine in Dried Blood Spots by Liquid Chromatography-Atmospheric Pressure Chemical Ionization Tandem Mass Spectrometry. Journal of Analytical Toxicology, 1996, 20, 179-184.	2.8	50

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37	Effect of Differing Levels of Tobacco-Specific Nitrosamines in Cigarette Smoke on the Levels of Biomarkers in Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1389-1398.	2.5	49
38	A prospective cohort study of biomarkers of prenatal tobacco smoke exposure: the correlation between serum and meconium and their association with infant birth weight. <i>Environmental Health</i> , 2010, 9, 53.	4.0	48
39	Prenatal environmental tobacco smoke exposure and early childhood body mass index. <i>Paediatric and Perinatal Epidemiology</i> , 2010, 24, 524-534.	1.7	48
40	Low-level prenatal exposure to nicotine and infant neurobehavior. <i>Neurotoxicology and Teratology</i> , 2009, 31, 356-363.	2.4	47
41	Analysis of 13 Fentanils, Including Sufentanil and Carfentanil, in Human Urine by Liquid Chromatography-Atmospheric-Pressure Ionization-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2006, 30, 335-341.	2.8	45
42	Variation in Nicotine Intake Among U.S. Cigarette Smokers During the Past 25 Years: Evidence From NHANES Surveys. <i>Nicotine and Tobacco Research</i> , 2014, 16, 1620-1628.	2.6	43
43	Urinary tobacco-specific nitrosamines and 4-aminobiphenyl hemoglobin adducts measured in smokers of either regular or light cigarettes. <i>Nicotine and Tobacco Research</i> , 2005, 7, 729-738.	2.6	38
44	An Evaluation of the Use of Dried Blood Spots from Newborn Screening for Monitoring the Prevalence of Cocaine Use among Childbearing Women. <i>Biochemical and Molecular Medicine</i> , 1997, 61, 143-151.	1.4	37
45	Correlating Atmospheric and Biological Markers in Studies of Secondhand Tobacco Smoke Exposure and Dose in Children and Adults. <i>Journal of Occupational and Environmental Medicine</i> , 2006, 48, 181-194.	1.7	34
46	Determinants of serum cotinine and hair cotinine as biomarkers of childhood secondhand smoke exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2010, 20, 615-624.	3.9	33
47	Compositional Analysis of Oil Samples Implicated in the Spanish Toxic Oil Syndrome. <i>Journal of Food Science</i> , 1987, 52, 1562-1569.	3.1	32
48	Comparison of Serum Cotinine Concentration within and across Smokers of Menthol and Nonmenthol Cigarette Brands among Non-Hispanic Black and Non-Hispanic White U.S. Adult Smokers, 2001-2006. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1329-1340.	2.5	31
49	Tobacco-Specific Nitrosamines (NNAL, NNN, NAT, and NAB) Exposures in the US Population Assessment of Tobacco and Health (PATH) Study Wave 1 (2013-2014). <i>Nicotine and Tobacco Research</i> , 2021, 23, 573-583.	2.6	30
50	THE ACTIVITY OF PARTIAL REACTIONS IN THE CHAIN ELONGATION OF PALMITOYL-CoA AND STEAROYL-CoA BY MOUSE BRAIN MICROSOMES. <i>Journal of Neurochemistry</i> , 1979, 32, 85-90.	3.9	28
51	Environmental and Behavioral Predictors of Salivary Cotinine in Latino Tobacco Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2001, 43, 844-852.	1.7	27
52	Effect of body mass index and total blood volume on serum cotinine levels among cigarette smokers: NHANES 1999-2008. <i>Clinica Chimica Acta</i> , 2010, 411, 1063-1068.	1.1	21
53	Increases in tobacco exposure biomarkers measured in non-smokers exposed to sidestream cigarette smoke under controlled conditions. <i>Biomarkers</i> , 2009, 14, 82-93.	1.9	20
54	Premature thelarche in Puerto Rico: A search for environmental estrogenic contamination. <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 255-262.	4.1	19

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55	Fetal Exposure to Secondhand Tobacco Smoke Assessed by Maternal Self-reports and Cord Blood Cotinine: Prospective Cohort Study in Krakow. <i>Maternal and Child Health Journal</i> , 2009, 13, 415-423.	1.5	19
56	Bioassay screening for toxicants in oil samples from the toxic-oil syndrome outbreak in Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 1985, 14, 261-271.	4.1	18
57	Comparison of Creatinine and Specific Gravity for Hydration Corrections on Measurement of the Tobacco-Specific Nitrosamine 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol (NNAL) in Urine. <i>Journal of Clinical Laboratory Analysis</i> , 2014, 28, 353-363.	2.1	17
58	Can a Minimal Intervention Reduce Secondhand Smoke Exposure Among Children with Asthma from Low Income Minority Families? Results of a Randomized Trial. <i>Journal of Immigrant and Minority Health</i> , 2014, 16, 256-264.	1.6	17
59	Temporal Trends of Secondhand Smoke Exposure: Nonsmoking Workers in the United States (NHANES) Tj ETQq1 1,0784314,rgBT /Ove 6.0 17	6.0	17
60	Stability of the Tobacco-Specific Nitrosamine 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in Urine Samples Stored at Various Temperatures. <i>Journal of Analytical Toxicology</i> , 2010, 34, 411-415.	2.8	16
61	Environmental Tobacco Smoke Exposure Among Casino Dealers. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 346-351.	1.7	16
62	Measurement of nicotine, cotinine and trans-3-hydroxycotinine in meconium by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2142-2148.	2.3	16
63	Long-term effects of a single oral dose of polybrominated biphenyls on serum and liver lipids in rats. <i>Toxicology and Applied Pharmacology</i> , 1983, 68, 424-433.	2.8	15
64	Collaborative Method Performance Study of the Measurement of Nicotine, Its Metabolites, and Total Nicotine Equivalents in Human Urine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1083-1090.	2.5	15
65	Acute response of rat liver microsomal lipids, lipid peroxidation, and membrane anisotropy to a single oral dose of polybrominated biphenyls. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1984, 13, 673-687.	2.3	14
66	Analysis of cotinine in dried blood spots by LC APCI tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2008, 388, 228-229.	1.1	14
67	Time Course of Nicotine and Cotinine Incorporation into Samples of Nonsmokers' Beard Hair Following a Single Dose of Nicotine Polacrilex*. <i>Journal of Analytical Toxicology</i> , 2011, 35, 1-7.	2.8	14
68	Tobacco Use Classification by Inexpensive Urinary Cotinine Immunoassay Test Strips. <i>Journal of Analytical Toxicology</i> , 2019, 43, 149-153.	2.8	14
69	Factors regulating the elongation of palmitic and stearic acid by rat liver microsomes. <i>Lipids and Lipid Metabolism</i> , 1979, 574, 18-24.	2.6	13
70	Analysis of 4-aminobiphenyl in smoker's and nonsmoker's urine by tandem mass spectrometry. <i>Biomarkers</i> , 2011, 16, 212-221.	1.9	13
71	Analysis of 4-Aminobiphenyl Hemoglobin Adducts in Smokers and Nonsmokers by Pseudo Capillary On-Column Gas Chromatography-Tandem Mass Spectrometry*. <i>Journal of Analytical Toxicology</i> , 2010, 34, 304-311.	2.8	10
72	Urinary Nicotine Metabolites and Self-Reported Tobacco Use Among Adults in the Population Assessment of Tobacco and Health (PATH) Study, 2013-2014. <i>Nicotine and Tobacco Research</i> , 2022, 24, 768-777.	2.6	10

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73	Serum Concentrations of Cotinine and <i>trans</i> -3-Hydroxycotinine in US Adults: Results From Wave 1 (2013–2014) of the Population Assessment of Tobacco and Health Study. <i>Nicotine and Tobacco Research</i> , 2022, 24, 736-744.	2.6	6
74	Geometric Mean Serum Cotinine Concentrations Confirm a Continued Decline in Secondhand Smoke Exposure among U.S. Nonsmokers—NHANES 2003 to 2018. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5862.	2.6	2